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

Form C-101
August 1, 2011

Permit 325587

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	229137
	3. API Number 30-015-50006

4. Property Code	5. Property Name	6. Well No.
329348	POTATO BABY STATE COM	908H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	34	26S	28E	1	415	S	755	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	22	26S	28E	C	200	N	1310	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	GAS		State	3073
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	22561	Wolfcamp		1/1/2023
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	10.75	45.5	850	655	0
Int1	9.875	7.625	29.7	9450	1020	0
Prod	6.75	5.5	23	22561	1684	0

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:

OIL CONSERVATION DIVISION

Printed Name:	Electronically filed by Robyn Russell	Approved By:	Katherine Pickford	
Title:	Supervisor Delaware Regulatory	Title:	Geoscientist	
Email Address:	robyn.m.russell@conocophillips.com	Approved Date:	9/22/2022	Expiration Date: 9/22/2024
Date:	9/19/2022 Phone: 432-685-4385	Conditions of Approval Attached		

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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, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-015- 50006	98220	Purple Sage; Wolfcamp (Gas)

4 Property Code	5 Property Name	6 Well Number
329348	POTATO BABY STATE COM	908H

7 OGRID No.	8 Operator Name	9 Elevation
229137	COG OPERATING LLC	3073.03'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	34	26-S	28-E		415'	SOUTH	755'	WEST	EDDY

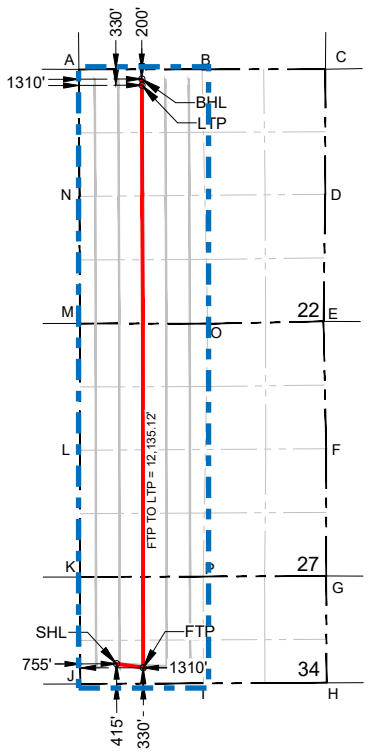
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	26-S	28-E		200'	NORTH	1310'	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
765.16	Infill	Com	

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16



SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=619583.61 LAT.= 32.00112664° N
Y=364240.71 LONG.= -104.08091408° W
415' FSL, 755' FWL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=620138.76 LAT.= 32.00089637° N
Y=364158.24 LONG.= -104.07912381° W
330' FSL, 1310' FWL - SECTION 34

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=620110.98 LAT.= 32.03425550° N
Y=376293.32 LONG.= -104.07912136° W
330' FNL, 1310' FWL - SECTION 22

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=620110.44 LAT.= 32.03461287° N
Y=376423.32 LONG.= -104.07912213° W
200' FNL, 1310' FWL - SECTION 22

CORNER DATA
NEW MEXICO EAST - NAD 83
A - FOUND IRON PIPE W/ BRASS CAP N:376622.59' E:618799.59'
B - FOUND IRON PIPE W/ BRASS CAP N:376624.01' E:621366.59'
C - FOUND IRON PIPE W/ BRASS CAP N:376625.57' E:623933.68'
D - FOUND IRON PIPE W/ BRASS CAP N:374020.30' E:623931.34'
E - FOUND IRON PIPE W/ BRASS CAP N:371372.64' E:623894.95'
F - FOUND IRON PIPE W/ BRASS CAP N:368720.47' E:623950.18'
G - FOUND IRON PIPE W/ BRASS CAP N:366069.65' E:623952.49'
H - FOUND IRON PIPE W/ BRASS CAP N:363845.40' E:623957.83'
I - CALCULATED CORNER N:363833.89' E:621393.73'
J - FOUND IRON PIPE W/ BRASS CAP N:363822.34' E:618829.54'
K - FOUND IRON PIPE W/ BRASS CAP N:366046.79' E:618824.39'
L - FOUND IRON PIPE W/ BRASS CAP N:368688.50' E:618819.64'
M - FOUND IRON PIPE W/ BRASS CAP N:371328.78' E:618821.83'
N - FOUND IRON PIPE W/ BRASS CAP N:373976.13' E:618810.67'
O - FOUND IRON PIPE W/ BRASS CAP N:371325.17' E:621481.50'
P - CALCULATED CORNER N:366058.22' E:621388.44'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 9/16/2022
Signature Date

Stan Wagner
Printed Name

E-mail Address

18 SURVEYOR CERTIFICATION

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

07/25//2022
Date of Survey

Signature and Seal of Professional Surveyor:

CHARLES L. JURICA
NEW MEXICO
25490
PROFESSIONAL SURVEYOR

Certificate Number

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

Form APD Conditions

Permit 325587

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
COG OPERATING LLC [229137] 600 W Illinois Ave Midland, TX 79701	30-015-50006
	Well: POTATO BABY STATE COM #908H

OCD Reviewer	Condition
kpickford	Since the operator has chosen not to use a closed loop system, a pit permit is required.
kpickford	Notify OCD 24 hours prior to casing & cement
kpickford	Will require a File As Drilled C-102 and a Directional Survey with the C-104
kpickford	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud
kpickford	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
kpickford	Cement is required to circulate on both surface and intermediate1 strings of casing
kpickford	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system

COG OPERATING LLC
HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. HYDROGEN SULFIDE TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

a. The hazards and characteristics of hydrogen sulfide (H_2S).
b. The proper use and maintenance of personal protective equipment and life support systems.
c. The proper use of H_2S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
d. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

a. The effects of H2S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
b. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
c. The contents and requirements of the H_2S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H2S zone (within 3 days or 500 feet) and weekly H2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H2S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

2. H_2S SAFETY EQUIPMENT AND SYSTEMS

Note: All H_2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H2S. If H2S greater than 100 ppm is encountered in the gas stream we will shut in and install H2S equipment.

a. Well Control Equipment:
   Flare line.
   Choke manifold with remotely operated choke.
   Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
   Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head.

b. Protective equipment for essential personnel:
Mark II Surviveair 30-minute units located in the dog house and at briefing areas.

c. H2S detection and monitoring equipment:
2 - portable H2S monitor positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 ppm are reached.

d. Visual warning systems:
Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.

e. Mud Program:
The mud program has been designed to minimize the volume of H2S circulated to the surface.

f. Metallurgy:
All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.

g. Communication:
Company vehicles equipped with cellular telephone.

COG OPERATING LLC has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore, we do not believe that an H2S contingency plan is necessary.

W A R N I N G

YOU ARE ENTERING AN H_2S AREA
AUTHORIZED PERSONNEL ONLY

1. ***BEARDS OR CONTACT LENSES NOT ALLOWED***
2. ***HARD HATS REQUIRED***
3. ***SMOKING IN DESIGNATED AREAS ONLY***
4. ***BE WIND CONSCIOUS AT ALL TIMES***
5. ***CK WITH COG OPERATING LLC FOREMAN AT MAIN OFFICE***

COG OPERATING LLC

1-575-748-6940

EMERGENCY CALL LIST

	OFFICE	MOBILE
COG OPERATING LLC OFFICE	575-748-6940	
Dallas Daley	432-818-2329	432-631-6977

EMERGENCY RESPONSE NUMBERS

	OFFICE
STATE POLICE	575-748-9718
EDDY COUNTY SHERIFF	575-746-2701
EMERGENCY MEDICAL SERVICES (AMBULANCE)	911 or 575-746-2701
EDDY COUNTY EMERGENCY MANAGEMENT (HARRY BURGESS)	575-887-9511
STATE EMERGENCY RESPONSE CENTER (SERC)	575-476-9620
CARLSBAD POLICE DEPARTMENT	575-885-2111
CARLSBAD FIRE DEPARTMENT	575-885-3125
NEW MEXICO OIL CONSERVATION DIVISION	575-748-1283
INDIAN FIRE & SAFETY	800-530-8693
HALLIBURTON SERVICES	800-844-8451

COG OPERATING LLC
HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

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COG OPERATING LLC

1-575-748-6940

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INDIAN FIRE & SAFETY	800-530-8693
HALLIBURTON SERVICES	800-844-8451

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: COG Operating LLC **OGRID: 229137** **Date: 09/06/2022**

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Potato Baby State Com 906H	30-015	1-34-26S-28E	415 FSL & 815 FWL	± 755	± 7775	± 4740
Potato Baby State Com 907H	30-015-	1-34-26S-28E	415 FSL & 785 FWL	± 755	± 7775	± 4740
Potato Baby State Com 908H	30-015-	1-34-26S-28E	415 FSL & 755 FWL	± 755	± 7775	± 4740
Potato Baby State Com 909H	30-015-	1-34-26S-28E	415 FSL & 725 FWL	± 755	± 7775	± 4740
Potato Baby State Com 910H	30-015-	1-34-26S-28E	415 FSL & 695 FWL	± 755	± 7775	± 4740

IV. Central Delivery Point Name: Potato Baby State Com CTB SWNW (Lot 1) 34-26S-28E [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Potato Baby State Com 906H, 907H, 908H, 909H, 910H	Pending	± 4/01/23	± 25 days from spud	TBD	TBD	TBD

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	
Printed Name:	Stan Wagner
Title:	Regulatory Advisor
E-mail Address:	stan.s.wagner@conocophillips.com
Date:	09/06/2022
Phone:	432-253-9685

OIL CONSERVATION DIVISION

(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

VI. Separation Equipment

How Operator will size separation equipment to optimize gas capture:

All ConocoPhillips production facility equipment will be sized per industry standards (API 12J) with adequate retention time to effectively separate all phases of production. Each project will take into consideration the number of wells and type curves for each formation pool to ensure adequate facility capacity. Design considerations will also include review of all piping, tanks, VRU's and associated equipment to ensure optimized gas capture minimized risk of release.

VII. Operational Practices

Actions Operator will take to comply with the requirements below:

B. Drilling Operations

- During drilling, flare stacks will be located a minimum of 100 feet from the nearest surface hole location. All gas is captured or combusted. If an emergency or malfunction occurs, gas will be flared or vented for public health, safety, and the environment and be properly reported to the NMOCD pursuant to 19.15.27.8.G.
- Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.

C. Completion Operations

- During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.
- Individual well test separators will be set to properly separate gas and liquids. A temporary test separator will be utilized initially to process volumes. In addition, separators will be tied into flowback tanks which will be tied into the gas processing equipment for sales down a pipeline.

D. Venting and flaring during production operations

- During each phase of well life (drilling, completion and production) of a ConocoPhillips well, COP personnel will follow all necessary procedures to ensure both the operation and the equipment are within the NMAC 19.15.27.8 Subsection D guidelines.
- During well operations that require unloading of the well to atmospheric pressure, all reasonable actions will be taken to minimize vented gas
- Through the life of the well all flaring shall be measured, and venting events quantified using the data available and industry best practice.

E. Performance standards for separation, storage tank and flare equipment

- All storage tanks and separation equipment are designed minimize risk of liquid or vapor release and optimize gas capture. This includes automation for automatic gauging and pressure monitoring.

- All flare stacks are equipped with auto ignition devices and/or continuous pilots and are designed to operate at maximum combustion efficiency pursuant NMAC 19.15.27.8 Subsection E. Flares will follow COP spacing guidelines to ensure they are a safe distance from combustibles and operations equipment.
- COP personnel will conduct routine AVO inspections on a regular basis per NMAC 19.15.27.8 Subsection E guidelines.

F. Measurement of vented and flared natural gas.

- Measurement equipment will be installed to quantify gas flared during drilling, completion and production of the well.
- All measurement devices installed will meet accuracy ratings per AGA and API standards.
- Measurement devices will be installed without manifolds that allow diversion of gas around the metering element, except for the sole purpose of inspection of servicing the measurement device.

VIII. Best Management Practices

- Operator will curtail or shut in production, within reasonable limits, during upset conditions to minimize venting and flaring.
- When feasible, Operator will use equipment to capture gas that would otherwise be vented or flared.
- During completions and production operations Operator will minimize blowdowns to atmosphere
- When feasible, Operator will use electric or air actuated equipment to reduce bleed emissions

Potato Baby State Com 908H

Casing and Cement

String	Hole Size	Csg OD	PPF	Depth	Sx Cement	TOC
Surface	14-3/4”	10-3/4”	45.5#	850’	655	0’
Intermediate	9-7/8x8-3/4”	7-5/8”	29.7#	9,450’	1,020	0’
Production	6-3/4”	5-1/2”	23#	22,561’	1,684	0’

Well Plan

Drill 14-3/4” hole to ~850’ w/ freshwater spud mud. Run 10-3/4” 45.5# J55 BTC casing to TD and cement to surface in one stage.

Drill tapered hole (9-7/8x8-3/4”) to ~9,450’ with cut brine. Run 7-5/8 29.7# L80 ICY x P110 CY BTC to TD and cement to surface in 2 stages.

Drill 6-3/4” vertical, curve and lateral to ~22,561’ with OBM. Run 5.5” 23# P110 CY BTC casing from TD to surface and cement to surface in one stage.

Well Control

After setting 13-3/8” casing and installing 5000 psi casing head, NU 13-5/8" Cameron BOP. Test casing to 1500 psi, annular to 2500psi and other BOP equipment to 5000 psi.

Type	Working Pressure	Test Pressure	Manufacture
Double Ram	5000 psi	5000 psi	Cameron

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)
POTATO BABY STATE PROJECT (ATLAS 2628)
POTATO BABY STATE COM #908H

OWB
PWP0.1

Anticollision Report

19 August, 2022

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Reference	PWP0.1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 95.0usft	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,320.0usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 8/19/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	1,500.0	PWP0.1 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocomp.-Initilzd Cont. rev.5
1,500.0	10,872.1	PWP0.1 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5
10,872.1	22,566.0	PWP0.1 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
BOO RADLEY COM PROJECT						
BOO RADLEY COM #701H - OWB - AWP						Out of range
BOO RADLEY COM #702H - OWB - AWP						Out of range
KRAKEN ST COM PROJECT						
KRAKEN ST COM #701H - OWB - PWP1						Out of range
PEACEKEEPER						
BOWSER SWD #1 - OWB - SWD	9,974.1	9,941.0	1,132.9	1,081.4	21.985	CC
BOWSER SWD #1 - OWB - SWD	9,975.0	9,942.0	1,132.9	1,081.4	21.983	ES
BOWSER SWD #1 - OWB - SWD	10,000.0	9,967.0	1,133.5	1,081.9	21.960	SF
WETHERBEE #401H - OWB - AWP	7,853.6	7,852.5	949.8	904.2	20.817	CC, ES
WETHERBEE #401H - OWB - AWP	8,740.0	8,723.0	963.7	915.2	19.884	SF
WETHERBEE #402H - OWB - AWP						Out of range
WETHERBEE #424H - OWB - AWP	10,200.0	15,475.0	635.8	578.0	11.013	SF
WETHERBEE #424H - OWB - AWP	10,281.6	15,475.0	626.4	570.9	11.288	CC, ES
WETHERBEE C ALLOCATION #407H - OWB - AWP						Out of range
WETHERBEE D ALLOCATION #408H - OWB - AWP	7,327.2	7,313.9	1,034.2	1,006.3	37.104	CC, ES
WETHERBEE D ALLOCATION #408H - OWB - AWP	7,600.0	7,499.0	1,041.2	1,013.0	36.953	SF
WETHERBEE UNIT #423H - OWB - AWP						Out of range

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
POTATO BABY STATE PROJECT (ATLAS 2628)						
DIAMONDBACK 22 STATE COM #4H - OWB - AWP						Out of range
DIAMONDBACK 22 STATE COM #6H - OWB - AWP						Out of range
GRAHAM NASH STATE COM #5H - OWB - AWP						Out of range
POTATO BABY STATE COM #702H - OWB - AWP						Out of range
POTATO BABY STATE COM #703H - OWB - AWP						Out of range
POTATO BABY STATE COM #704H - OWB - AWP	6,404.3	6,383.7	599.2	556.8	14.131	CC
POTATO BABY STATE COM #704H - OWB - AWP	9,165.2	9,172.8	605.2	552.9	11.567	ES
POTATO BABY STATE COM #704H - OWB - AWP	22,566.5	21,915.0	1,307.5	1,106.5	6.507	SF
POTATO BABY STATE COM #705H - OWB - AWP	9,368.7	9,405.1	86.8	55.7	2.790	CC, ES, SF
POTATO BABY STATE COM #706H - OWB - AWP	3,807.8	3,809.5	137.2	124.6	10.912	CC, ES
POTATO BABY STATE COM #706H - OWB - AWP	22,566.5	21,821.0	1,230.2	1,033.6	6.257	SF
POTATO BABY STATE COM #903H - OWB - PWP0.1						Out of range
POTATO BABY STATE COM #904H - OWB - PWP0.1						Out of range
POTATO BABY STATE COM #905H - OWB - PWP0.1						Out of range
POTATO BABY STATE COM #906H - OWB - PWP0.1	1,853.2	1,845.5	59.7	49.1	5.649	CC, ES
POTATO BABY STATE COM #906H - OWB - PWP0.1	22,566.5	22,723.5	980.3	786.0	5.046	SF
POTATO BABY STATE COM #907H - OWB - PWP0.1	1,822.8	1,819.2	29.8	19.3	2.849	CC
POTATO BABY STATE COM #907H - OWB - PWP0.1	1,850.0	1,846.2	29.8	19.2	2.819	ES
POTATO BABY STATE COM #907H - OWB - PWP0.1	22,566.5	22,444.7	525.4	332.1	2.718	SF
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,500.3	1,500.4	30.2	21.3	3.397	CC
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,520.0	1,520.3	30.2	21.2	3.374	ES
POTATO BABY STATE COM #909H - OWB - PWP0.1	22,566.5	22,330.0	537.2	347.9	2.839	SF
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,437.3	1,437.9	60.2	51.4	6.861	CC
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,500.0	1,500.0	60.2	51.3	6.778	ES
POTATO BABY STATE COM #910H - OWB - PWP0.1	22,566.5	22,533.5	980.4	790.1	5.152	SF
SKEEN 34 STATE COM #1H (P&A) - OWB - AWP						Out of range
SRO STATE #62H - OWB - AWP						Out of range
SRO STATE COM #63H - OWB - AWP						Out of range
SRO STATE COM #64H - OWB - AWP						Out of range

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

TD Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
BOO RADLEY COM PROJECT						
BOO RADLEY COM #701H - OWB - AWP	22,566.5	10,242.7				Out of Range @TD
BOO RADLEY COM #702H - OWB - AWP	22,566.5	9,741.0				Out of Range @TD
KRAKEN ST COM PROJECT						
KRAKEN ST COM #701H - OWB - PWP1	22,566.5	25,252.5				Out of Range @TD
PEACEKEEPER						
BOWSER SWD #1 - OWB - SWD	22,566.5	10,555.0				Out of Range @TD
WETHERBEE #401H - OWB - AWP	22,566.5	9,227.0				Out of Range @TD
WETHERBEE #402H - OWB - AWP	22,566.5	9,577.0				Out of Range @TD
WETHERBEE #424H - OWB - AWP	22,566.5	15,475.0				Out of Range @TD
WETHERBEE C ALLOCATION #407H - OWB - AWP	22,566.5	7,781.0				Out of Range @TD
WETHERBEE D ALLOCATION #408H - OWB - AWP	22,566.5	7,562.0				Out of Range @TD
WETHERBEE UNIT #423H - OWB - AWP	22,566.5	15,385.0				Out of Range @TD
POTATO BABY STATE PROJECT (ATLAS 2628)						
DIAMONDBACK 22 STATE COM #4H - OWB - AWP	22,566.5	8,198.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #6H - OWB - AWP	22,566.5	8,213.3				Out of Range @TD
GRAHAM NASH STATE COM #5H - OWB - AWP	22,566.5	14,810.0				Out of Range @TD
POTATO BABY STATE COM #702H - OWB - AWP	22,566.5	20,709.0				Out of Range @TD
POTATO BABY STATE COM #703H - OWB - AWP	22,566.5	21,934.5				Out of Range @TD
POTATO BABY STATE COM #704H - OWB - AWP	22,566.5	21,915.0	1,307.5	1,106.5	6.507	SF
POTATO BABY STATE COM #705H - OWB - AWP	22,566.5	21,737.0	998.8	805.7	5.172	
POTATO BABY STATE COM #706H - OWB - AWP	22,566.5	21,821.0	1,230.2	1,033.6	6.257	SF
POTATO BABY STATE COM #903H - OWB - PWP0.1	22,566.5	22,394.8				Out of Range @TD
POTATO BABY STATE COM #904H - OWB - PWP0.1	22,566.5	22,663.2				Out of Range @TD
POTATO BABY STATE COM #905H - OWB - PWP0.1	22,566.5	22,170.0				Out of Range @TD
POTATO BABY STATE COM #906H - OWB - PWP0.1	22,566.5	22,723.5	980.3	786.0	5.046	SF
POTATO BABY STATE COM #907H - OWB - PWP0.1	22,566.5	22,444.7	525.4	332.1	2.718	SF
POTATO BABY STATE COM #909H - OWB - PWP0.1	22,566.5	22,330.0	537.2	347.9	2.839	SF
POTATO BABY STATE COM #910H - OWB - PWP0.1	22,566.5	22,533.5	980.4	790.1	5.152	SF
SKEEN 34 STATE COM #1H (P&A) - OWB - AWP	22,566.5	13,334.0				Out of Range @TD
SRO STATE #62H - OWB - AWP	22,566.5	12,575.0				Out of Range @TD
SRO STATE COM #63H - OWB - AWP	22,566.5	15,676.0				Out of Range @TD
SRO STATE COM #64H - OWB - AWP	22,566.5	16,852.0				Out of Range @TD

ConocoPhillips

Anticollision Report

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Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - BOWSER SWD #1 - OWB - SWD

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
3,200.0	3,189.1	3,189.1	3,189.1	10.0	12.6	53.08	-1,184.7	816.9	1,319.2	1,298.9	20.30	64.988	
3,230.0	3,218.8	3,218.8	3,218.8	10.1	12.7	53.21	-1,184.7	816.9	1,317.0	1,296.6	20.46	64.356	
3,300.0	3,288.3	3,288.3	3,288.3	10.4	12.9	53.50	-1,184.7	816.9	1,311.9	1,291.1	20.85	62.922	
3,325.0	3,313.1	3,313.1	3,313.1	10.5	13.0	53.61	-1,184.7	816.9	1,310.1	1,289.1	20.99	62.424	
3,400.0	3,387.6	3,387.6	3,387.6	10.7	13.3	53.93	-1,184.7	816.9	1,304.7	1,283.3	21.40	60.967	
3,420.0	3,407.4	3,407.4	3,407.4	10.8	13.3	54.02	-1,184.7	816.9	1,303.2	1,281.7	21.51	60.589	
3,500.0	3,486.8	3,486.8	3,486.8	11.1	13.6	54.36	-1,184.7	816.9	1,297.5	1,275.5	21.95	59.115	
3,515.0	3,501.7	3,501.7	3,501.7	11.2	13.7	54.43	-1,184.7	816.9	1,296.4	1,274.4	22.03	58.846	
3,600.0	3,586.1	3,586.1	3,586.1	11.5	14.0	54.80	-1,184.7	816.9	1,290.4	1,267.9	22.50	57.360	
3,610.0	3,596.0	3,596.0	3,596.0	11.5	14.0	54.85	-1,184.7	816.9	1,289.7	1,267.1	22.55	57.189	
3,700.0	3,685.3	3,685.3	3,685.3	11.8	14.3	55.24	-1,184.7	816.9	1,283.4	1,260.3	23.04	55.694	
3,705.0	3,690.3	3,690.3	3,690.3	11.9	14.3	55.27	-1,184.7	816.9	1,283.0	1,259.9	23.07	55.613	
3,800.0	3,784.6	3,784.6	3,784.6	12.2	14.7	55.69	-1,184.7	816.9	1,276.4	1,252.8	23.59	54.112	
3,895.0	3,878.9	3,878.9	3,878.9	12.6	15.0	56.12	-1,184.7	816.9	1,269.9	1,245.8	24.10	52.683	
3,900.0	3,883.8	3,883.8	3,883.8	12.6	15.0	56.14	-1,184.7	816.9	1,269.6	1,245.4	24.13	52.610	
3,990.0	3,973.2	3,973.2	3,973.2	12.9	15.3	56.55	-1,184.7	816.9	1,263.4	1,238.8	24.62	51.321	
4,000.0	3,983.1	3,983.1	3,983.1	13.0	15.4	56.60	-1,184.7	816.9	1,262.8	1,238.1	24.67	51.181	
4,085.0	4,067.5	4,067.5	4,067.5	13.3	15.7	56.99	-1,184.7	816.9	1,257.1	1,231.9	25.13	50.022	
4,100.0	4,082.4	4,082.4	4,082.4	13.4	15.7	57.06	-1,184.7	816.9	1,256.1	1,230.9	25.21	49.822	
4,180.0	4,161.8	4,161.8	4,161.8	13.7	16.0	57.43	-1,184.7	816.9	1,250.8	1,225.1	25.64	48.782	
4,200.0	4,181.6	4,181.6	4,181.6	13.7	16.1	57.53	-1,184.7	816.9	1,249.4	1,223.7	25.75	48.528	
4,275.0	4,256.0	4,256.0	4,256.0	14.0	16.3	57.88	-1,184.7	816.9	1,244.5	1,218.4	26.15	47.598	
4,300.0	4,280.9	4,280.9	4,280.9	14.1	16.4	58.00	-1,184.7	816.9	1,242.9	1,216.6	26.28	47.295	
4,370.0	4,350.3	4,350.3	4,350.3	14.4	16.7	58.33	-1,184.7	816.9	1,238.4	1,211.7	26.65	46.466	
4,400.0	4,380.1	4,380.1	4,380.1	14.5	16.8	58.48	-1,184.7	816.9	1,236.5	1,209.6	26.81	46.119	
4,465.0	4,444.6	4,444.6	4,444.6	14.8	17.0	58.79	-1,184.7	816.9	1,232.3	1,205.2	27.15	45.384	
4,500.0	4,479.4	4,479.4	4,479.4	14.9	17.1	58.96	-1,184.7	816.9	1,230.1	1,202.8	27.34	44.998	
4,560.0	4,538.9	4,538.9	4,538.9	15.2	17.3	59.25	-1,184.7	816.9	1,226.3	1,198.7	27.65	44.349	
4,600.0	4,578.6	4,578.6	4,578.6	15.3	17.5	59.44	-1,184.7	816.9	1,223.8	1,196.0	27.86	43.927	
4,655.0	4,633.2	4,633.2	4,633.2	15.5	17.7	59.71	-1,184.7	816.9	1,220.4	1,192.3	28.15	43.359	
4,700.0	4,677.9	4,677.9	4,677.9	15.7	17.8	59.94	-1,184.7	816.9	1,217.6	1,189.3	28.38	42.904	
4,750.0	4,727.5	4,727.5	4,727.5	15.9	18.0	60.18	-1,184.7	816.9	1,214.6	1,185.9	28.64	42.410	
4,800.0	4,777.1	4,777.1	4,777.1	16.1	18.2	60.43	-1,184.7	816.9	1,211.5	1,182.6	28.90	41.927	
4,845.0	4,821.8	4,821.8	4,821.8	16.3	18.3	60.66	-1,184.7	816.9	1,208.8	1,179.7	29.13	41.501	
4,900.0	4,876.4	4,876.4	4,876.4	16.5	18.5	60.93	-1,184.7	816.9	1,205.5	1,176.1	29.41	40.992	
4,940.0	4,916.1	4,916.1	4,916.1	16.7	18.7	61.13	-1,184.7	816.9	1,203.2	1,173.5	29.61	40.629	
5,000.0	4,975.6	4,975.6	4,975.6	16.9	18.9	61.44	-1,184.7	816.9	1,199.6	1,169.7	29.92	40.097	
5,035.0	5,010.4	5,010.4	5,010.4	17.0	19.0	61.62	-1,184.7	816.9	1,197.6	1,167.5	30.10	39.793	
5,100.0	5,074.9	5,074.9	5,074.9	17.3	19.2	61.95	-1,184.7	816.9	1,193.8	1,163.4	30.42	39.241	
5,130.0	5,104.7	5,104.7	5,104.7	17.4	19.3	62.10	-1,184.7	816.9	1,192.1	1,161.5	30.57	38.991	
5,200.0	5,174.2	5,174.2	5,174.2	17.7	19.6	62.46	-1,184.7	816.9	1,188.1	1,157.2	30.92	38.421	
5,225.0	5,199.0	5,199.0	5,199.0	17.8	19.7	62.59	-1,184.7	816.9	1,186.7	1,155.6	31.05	38.221	
5,300.0	5,273.4	5,273.4	5,273.4	18.1	19.9	62.99	-1,184.7	816.9	1,182.5	1,151.1	31.42	37.635	
5,320.0	5,293.3	5,293.3	5,293.3	18.2	20.0	63.09	-1,184.7	816.9	1,181.4	1,149.8	31.52	37.481	
5,400.0	5,372.7	5,372.7	5,372.7	18.5	20.3	63.51	-1,184.7	816.9	1,177.0	1,145.0	31.91	36.881	
5,415.0	5,387.6	5,387.6	5,387.6	18.6	20.3	63.59	-1,184.7	816.9	1,176.1	1,144.2	31.99	36.771	
5,500.0	5,471.9	5,471.9	5,471.9	18.9	20.6	64.04	-1,184.7	816.9	1,171.5	1,139.1	32.40	36.158	
5,510.0	5,481.8	5,481.8	5,481.8	18.9	20.7	64.09	-1,184.7	816.9	1,171.0	1,138.6	32.45	36.087	
5,600.0	5,571.2	5,571.2	5,571.2	19.3	21.0	64.58	-1,184.7	816.9	1,166.2	1,133.3	32.88	35.464	
5,605.0	5,576.1	5,576.1	5,576.1	19.3	21.0	64.60	-1,184.7	816.9	1,166.0	1,133.1	32.91	35.430	
5,700.0	5,670.4	5,670.4	5,670.4	19.7	21.3	65.12	-1,184.7	816.9	1,161.0	1,127.6	33.36	34.798	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - BOWSER SWD #1 - OWB - SWD

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,795.0	5,764.7	5,764.7	5,764.7	20.1	21.7	65.63	-1,184.7	816.9	1,156.2	1,122.3	33.82	34.190	
5,800.0	5,769.7	5,769.7	5,769.7	20.1	21.7	65.66	-1,184.7	816.9	1,155.9	1,122.1	33.84	34.159	
5,890.0	5,859.0	5,859.0	5,859.0	20.5	22.0	66.15	-1,184.7	816.9	1,151.4	1,117.1	34.26	33.604	
5,900.0	5,868.9	5,868.9	5,868.9	20.5	22.0	66.21	-1,184.7	816.9	1,150.9	1,116.6	34.31	33.544	
5,928.9	5,897.7	5,897.7	5,897.7	20.6	22.1	66.37	-1,184.7	816.9	1,149.5	1,115.0	34.43	33.383	
5,985.0	5,953.3	5,953.3	5,953.3	20.8	22.3	66.64	-1,184.7	816.9	1,146.8	1,112.2	34.68	33.066	
6,000.0	5,968.2	5,968.2	5,968.2	20.9	22.4	66.71	-1,184.7	816.9	1,146.2	1,111.4	34.75	32.982	
6,080.0	6,047.8	6,047.8	6,047.8	21.2	22.7	67.06	-1,184.7	816.9	1,142.9	1,107.8	35.13	32.538	
6,100.0	6,067.7	6,067.7	6,067.7	21.3	22.8	67.14	-1,184.7	816.9	1,142.2	1,107.0	35.22	32.430	
6,175.0	6,142.5	6,142.5	6,142.5	21.6	23.0	67.41	-1,184.7	816.9	1,139.7	1,104.1	35.57	32.039	
6,200.0	6,167.4	6,167.4	6,167.4	21.7	23.1	67.50	-1,184.7	816.9	1,139.0	1,103.3	35.69	31.912	
6,270.0	6,237.2	6,237.2	6,237.2	21.9	23.4	67.70	-1,184.7	816.9	1,137.1	1,101.1	36.02	31.569	
6,300.0	6,267.2	6,267.2	6,267.2	22.0	23.5	67.78	-1,184.7	816.9	1,136.5	1,100.3	36.16	31.425	
6,365.0	6,332.1	6,332.1	6,332.1	22.2	23.7	67.93	-1,184.7	816.9	1,135.2	1,098.7	36.47	31.126	
6,400.0	6,367.0	6,367.0	6,367.0	22.4	23.8	67.99	-1,184.7	816.9	1,134.6	1,098.0	36.64	30.969	
6,460.0	6,427.0	6,427.0	6,427.0	22.5	24.0	68.08	-1,184.7	816.9	1,133.8	1,096.9	36.92	30.710	
6,500.0	6,467.0	6,467.0	6,467.0	22.7	24.2	68.13	-1,184.7	816.9	1,133.5	1,096.3	37.11	30.541	
6,555.0	6,522.0	6,522.0	6,522.0	22.8	24.4	68.17	-1,184.7	816.9	1,133.1	1,095.7	37.37	30.322	
6,600.0	6,567.0	6,567.0	6,567.0	22.9	24.5	68.19	-1,184.7	816.9	1,132.9	1,095.4	37.58	30.146	
6,629.0	6,596.0	6,596.0	6,596.0	22.9	24.6	166.64	-1,184.7	816.9	1,132.9	1,095.2	37.70	30.053	
6,650.0	6,617.0	6,617.0	6,617.0	22.9	24.7	166.64	-1,184.7	816.9	1,132.9	1,095.1	37.78	29.988	
6,700.0	6,667.0	6,667.0	6,667.0	22.9	24.9	166.64	-1,184.7	816.9	1,132.9	1,094.9	37.97	29.834	
6,745.0	6,712.0	6,712.0	6,712.0	23.0	25.0	166.64	-1,184.7	816.9	1,132.9	1,094.8	38.16	29.690	
6,800.0	6,767.0	6,767.0	6,767.0	23.0	25.2	166.64	-1,184.7	816.9	1,132.9	1,094.5	38.38	29.515	
6,840.0	6,807.0	6,807.0	6,807.0	23.0	25.4	166.64	-1,184.7	816.9	1,132.9	1,094.4	38.55	29.390	
6,900.0	6,867.0	6,867.0	6,867.0	23.0	25.6	166.64	-1,184.7	816.9	1,132.9	1,094.1	38.79	29.203	
6,935.0	6,902.0	6,902.0	6,902.0	23.0	25.7	166.64	-1,184.7	816.9	1,132.9	1,094.0	38.94	29.096	
7,000.0	6,967.0	6,967.0	6,967.0	23.0	26.0	166.64	-1,184.7	816.9	1,132.9	1,093.7	39.20	28.898	
7,030.0	6,997.0	6,997.0	6,997.0	23.0	26.1	166.64	-1,184.7	816.9	1,132.9	1,093.6	39.33	28.807	
7,100.0	7,067.0	7,067.0	7,067.0	23.1	26.3	166.64	-1,184.7	816.9	1,132.9	1,093.3	39.62	28.598	
7,125.0	7,092.0	7,092.0	7,092.0	23.1	26.4	166.64	-1,184.7	816.9	1,132.9	1,093.2	39.72	28.524	
7,200.0	7,167.0	7,167.0	7,167.0	23.1	26.7	166.64	-1,184.7	816.9	1,132.9	1,092.9	40.03	28.304	
7,220.0	7,187.0	7,187.0	7,187.0	23.1	26.7	166.64	-1,184.7	816.9	1,132.9	1,092.8	40.11	28.246	
7,300.0	7,267.0	7,267.0	7,267.0	23.1	27.0	166.64	-1,184.7	816.9	1,132.9	1,092.5	40.44	28.016	
7,315.0	7,282.0	7,282.0	7,282.0	23.1	27.1	166.64	-1,184.7	816.9	1,132.9	1,092.4	40.50	27.973	
7,400.0	7,367.0	7,367.0	7,367.0	23.2	27.4	166.64	-1,184.7	816.9	1,132.9	1,092.1	40.85	27.734	
7,410.0	7,377.0	7,377.0	7,377.0	23.2	27.4	166.64	-1,184.7	816.9	1,132.9	1,092.0	40.89	27.706	
7,500.0	7,467.0	7,467.0	7,467.0	23.2	27.7	166.64	-1,184.7	816.9	1,132.9	1,091.7	41.26	27.457	
7,505.0	7,472.0	7,472.0	7,472.0	23.2	27.8	166.64	-1,184.7	816.9	1,132.9	1,091.6	41.28	27.443	
7,600.0	7,567.0	7,567.0	7,567.0	23.2	28.1	166.64	-1,184.7	816.9	1,132.9	1,091.2	41.67	27.185	
7,695.0	7,662.0	7,662.0	7,662.0	23.3	28.4	166.64	-1,184.7	816.9	1,132.9	1,090.9	42.07	26.931	
7,700.0	7,667.0	7,667.0	7,667.0	23.3	28.5	166.64	-1,184.7	816.9	1,132.9	1,090.8	42.09	26.918	
7,790.0	7,757.0	7,757.0	7,757.0	23.3	28.8	166.64	-1,184.7	816.9	1,132.9	1,090.5	42.46	26.683	
7,800.0	7,767.0	7,767.0	7,767.0	23.3	28.8	166.64	-1,184.7	816.9	1,132.9	1,090.4	42.50	26.657	
7,885.0	7,852.0	7,852.0	7,852.0	23.3	29.1	166.64	-1,184.7	816.9	1,132.9	1,090.1	42.85	26.438	
7,900.0	7,867.0	7,867.0	7,867.0	23.3	29.2	166.64	-1,184.7	816.9	1,132.9	1,090.0	42.91	26.400	
7,980.0	7,947.0	7,947.0	7,947.0	23.3	29.4	166.64	-1,184.7	816.9	1,132.9	1,089.7	43.24	26.198	
8,000.0	7,967.0	7,967.0	7,967.0	23.4	29.5	166.64	-1,184.7	816.9	1,132.9	1,089.6	43.33	26.148	
8,075.0	8,042.0	8,042.0	8,042.0	23.4	29.8	166.64	-1,184.7	816.9	1,132.9	1,089.3	43.64	25.962	
8,100.0	8,067.0	8,067.0	8,067.0	23.4	29.9	166.64	-1,184.7	816.9	1,132.9	1,089.2	43.74	25.901	
8,170.0	8,137.0	8,137.0	8,137.0	23.4	30.1	166.64	-1,184.7	816.9	1,132.9	1,088.9	44.03	25.730	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - BOWSER SWD #1 - OWB - SWD

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,200.0	8,167.0	8,167.0	8,167.0	23.4	30.2	166.64	-1,184.7	816.9	1,132.9	1,088.8	44.16	25.658	
8,265.0	8,232.0	8,232.0	8,232.0	23.4	30.5	166.64	-1,184.7	816.9	1,132.9	1,088.5	44.42	25.502	
8,300.0	8,267.0	8,267.0	8,267.0	23.5	30.6	166.64	-1,184.7	816.9	1,132.9	1,088.3	44.57	25.419	
8,360.0	8,327.0	8,327.0	8,327.0	23.5	30.8	166.64	-1,184.7	816.9	1,132.9	1,088.1	44.82	25.278	
8,400.0	8,367.0	8,367.0	8,367.0	23.5	30.9	166.64	-1,184.7	816.9	1,132.9	1,087.9	44.98	25.185	
8,455.0	8,422.0	8,422.0	8,422.0	23.5	31.1	166.64	-1,184.7	816.9	1,132.9	1,087.7	45.21	25.058	
8,500.0	8,467.0	8,467.0	8,467.0	23.5	31.3	166.64	-1,184.7	816.9	1,132.9	1,087.5	45.40	24.954	
8,550.0	8,517.0	8,517.0	8,517.0	23.5	31.5	166.64	-1,184.7	816.9	1,132.9	1,087.3	45.61	24.841	
8,600.0	8,567.0	8,567.0	8,567.0	23.6	31.7	166.64	-1,184.7	816.9	1,132.9	1,087.1	45.81	24.728	
8,645.0	8,612.0	8,612.0	8,612.0	23.6	31.8	166.64	-1,184.7	816.9	1,132.9	1,086.9	46.00	24.628	
8,700.0	8,667.0	8,667.0	8,667.0	23.6	32.0	166.64	-1,184.7	816.9	1,132.9	1,086.7	46.23	24.506	
8,740.0	8,707.0	8,707.0	8,707.0	23.6	32.2	166.64	-1,184.7	816.9	1,132.9	1,086.5	46.40	24.418	
8,800.0	8,767.0	8,767.0	8,767.0	23.6	32.4	166.64	-1,184.7	816.9	1,132.9	1,086.3	46.65	24.288	
8,835.0	8,802.0	8,802.0	8,802.0	23.6	32.5	166.64	-1,184.7	816.9	1,132.9	1,086.1	46.79	24.212	
8,900.0	8,867.0	8,867.0	8,867.0	23.7	32.7	166.64	-1,184.7	816.9	1,132.9	1,085.9	47.06	24.073	
8,930.0	8,897.0	8,897.0	8,897.0	23.7	32.8	166.64	-1,184.7	816.9	1,132.9	1,085.7	47.19	24.009	
9,000.0	8,967.0	8,967.0	8,967.0	23.7	33.1	166.64	-1,184.7	816.9	1,132.9	1,085.4	47.48	23.862	
9,025.0	8,992.0	8,992.0	8,992.0	23.7	33.2	166.64	-1,184.7	816.9	1,132.9	1,085.3	47.58	23.810	
9,100.0	9,067.0	9,067.0	9,067.0	23.7	33.4	166.64	-1,184.7	816.9	1,132.9	1,085.0	47.89	23.654	
9,120.0	9,087.0	9,087.0	9,087.0	23.7	33.5	166.64	-1,184.7	816.9	1,132.9	1,084.9	47.98	23.613	
9,200.0	9,167.0	9,167.0	9,167.0	23.8	33.8	166.64	-1,184.7	816.9	1,132.9	1,084.6	48.31	23.450	
9,215.0	9,182.0	9,182.0	9,182.0	23.8	33.9	166.64	-1,184.7	816.9	1,132.9	1,084.5	48.37	23.420	
9,300.0	9,267.0	9,267.0	9,267.0	23.8	34.2	166.64	-1,184.7	816.9	1,132.9	1,084.2	48.73	23.250	
9,310.0	9,277.0	9,277.0	9,277.0	23.8	34.2	166.64	-1,184.7	816.9	1,132.9	1,084.1	48.77	23.230	
9,400.0	9,367.0	9,367.0	9,367.0	23.8	34.5	166.64	-1,184.7	816.9	1,132.9	1,083.8	49.15	23.052	
9,405.0	9,372.0	9,372.0	9,372.0	23.8	34.5	166.64	-1,184.7	816.9	1,132.9	1,083.8	49.17	23.043	
9,500.0	9,467.0	9,467.0	9,467.0	23.9	34.9	166.64	-1,184.7	816.9	1,132.9	1,083.4	49.56	22.858	
9,595.0	9,562.0	9,562.0	9,562.0	23.9	35.2	166.64	-1,184.7	816.9	1,132.9	1,083.0	49.96	22.677	
9,600.0	9,567.0	9,567.0	9,567.0	23.9	35.2	166.64	-1,184.7	816.9	1,132.9	1,082.9	49.98	22.667	
9,690.0	9,657.0	9,657.0	9,657.0	23.9	35.6	166.64	-1,184.7	816.9	1,132.9	1,082.6	50.36	22.498	
9,700.0	9,667.0	9,667.0	9,667.0	23.9	35.6	166.64	-1,184.7	816.9	1,132.9	1,082.5	50.40	22.479	
9,785.0	9,752.0	9,752.0	9,752.0	24.0	35.9	166.64	-1,184.7	816.9	1,132.9	1,082.2	50.75	22.322	
9,800.0	9,767.0	9,767.0	9,767.0	24.0	35.9	166.64	-1,184.7	816.9	1,132.9	1,082.1	50.82	22.294	
9,880.0	9,847.0	9,847.0	9,847.0	24.0	36.2	166.64	-1,184.7	816.9	1,132.9	1,081.8	51.15	22.149	
9,900.0	9,867.0	9,867.0	9,867.0	24.0	36.3	166.64	-1,184.7	816.9	1,132.9	1,081.7	51.23	22.112	
9,974.1	9,941.0	9,941.0	9,941.0	24.0	36.6	166.64	-1,184.7	816.9	1,132.9	1,081.4	51.53	21.985	CC
9,975.0	9,942.0	9,942.0	9,942.0	24.0	36.6	166.77	-1,184.7	816.9	1,132.9	1,081.4	51.54	21.983	ES
10,000.0	9,967.0	9,967.0	9,967.0	24.0	36.7	166.76	-1,184.7	816.9	1,133.5	1,081.9	51.62	21.960	SF
10,050.0	10,016.8	10,016.8	10,016.8	24.0	36.8	166.71	-1,184.7	816.9	1,137.8	1,086.0	51.78	21.972	
10,070.0	10,036.5	10,036.5	10,036.5	24.0	36.9	166.68	-1,184.7	816.9	1,140.7	1,088.9	51.84	22.003	
10,100.0	10,066.0	10,066.0	10,066.0	24.0	37.0	166.62	-1,184.7	816.9	1,146.3	1,094.4	51.93	22.073	
10,150.0	10,114.2	10,114.2	10,114.2	24.0	37.2	166.46	-1,184.7	816.9	1,159.0	1,107.0	52.07	22.260	
10,165.0	10,128.5	10,128.5	10,128.5	24.0	37.2	166.40	-1,184.7	816.9	1,163.6	1,111.5	52.11	22.332	
10,200.0	10,161.2	10,161.2	10,161.2	24.0	37.4	166.24	-1,184.7	816.9	1,175.8	1,123.6	52.19	22.528	
10,250.0	10,206.4	10,206.4	10,206.4	24.0	37.5	165.94	-1,184.7	816.9	1,196.5	1,144.1	52.31	22.874	
10,260.0	10,215.3	10,215.3	10,215.3	24.0	37.6	165.87	-1,184.7	816.9	1,201.0	1,148.7	52.33	22.952	
10,300.0	10,249.7	10,249.7	10,249.7	24.0	37.7	165.54	-1,184.7	816.9	1,220.9	1,168.5	52.42	23.293	
10,350.0	10,290.6	10,290.6	10,290.6	24.0	37.8	165.01	-1,184.7	816.9	1,249.0	1,196.5	52.52	23.782	
10,355.0	10,294.5	10,294.5	10,294.5	24.0	37.8	164.94	-1,184.7	816.9	1,252.0	1,199.5	52.53	23.835	
10,400.0	10,328.8	10,328.8	10,328.8	24.0	38.0	164.31	-1,184.7	816.9	1,280.5	1,227.9	52.62	24.337	
10,450.0	10,364.1	10,364.1	10,364.1	24.0	38.1	163.40	-1,184.7	816.9	1,315.2	1,262.5	52.71	24.953	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - WETHERBEE #401H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100-GYRO-NS, 8660-MWD

Offset Well Error: 3.0 usft

Rule Assigned:

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,850.0	2,841.7	2,855.6	2,854.1	8.8	11.3	33.12	-891.9	1,128.8	1,316.5	1,296.8	19.67	66.934	
2,900.0	2,891.3	2,908.1	2,906.6	9.0	11.5	33.28	-892.3	1,129.2	1,311.9	1,291.9	19.97	65.696	
2,945.0	2,936.0	2,950.7	2,949.2	9.1	11.6	33.40	-892.6	1,129.5	1,307.8	1,287.5	20.23	64.652	
3,000.0	2,990.6	3,002.9	3,001.4	9.3	11.8	33.55	-893.0	1,130.0	1,302.8	1,282.3	20.55	63.413	
3,040.0	3,030.3	3,042.8	3,041.3	9.5	12.0	33.67	-893.4	1,130.4	1,299.3	1,278.5	20.78	62.519	
3,100.0	3,089.8	3,102.8	3,101.3	9.7	12.2	33.86	-894.0	1,130.9	1,294.0	1,272.8	21.14	61.212	
3,135.0	3,124.5	3,139.3	3,137.8	9.8	12.3	33.98	-894.4	1,131.1	1,290.8	1,269.5	21.35	60.453	
3,200.0	3,189.1	3,206.4	3,204.9	10.0	12.5	34.20	-895.1	1,131.4	1,284.9	1,263.2	21.74	59.104	
3,230.0	3,218.8	3,234.7	3,233.1	10.1	12.6	34.29	-895.5	1,131.5	1,282.2	1,260.3	21.91	58.513	
3,300.0	3,288.3	3,300.6	3,299.1	10.4	12.8	34.52	-896.3	1,131.7	1,275.9	1,253.6	22.32	57.178	
3,325.0	3,313.1	3,326.7	3,325.1	10.5	12.9	34.61	-896.7	1,131.9	1,273.8	1,251.3	22.47	56.692	
3,400.0	3,387.6	3,404.8	3,403.3	10.7	13.2	34.87	-897.5	1,132.2	1,267.0	1,244.1	22.92	55.270	
3,420.0	3,407.4	3,425.8	3,424.3	10.8	13.2	34.94	-897.7	1,132.3	1,265.2	1,242.2	23.05	54.897	
3,500.0	3,486.8	3,508.7	3,507.2	11.1	13.5	35.23	-898.5	1,132.3	1,257.8	1,234.2	23.53	53.448	
3,515.0	3,501.7	3,522.7	3,521.2	11.2	13.5	35.28	-898.7	1,132.3	1,256.4	1,232.8	23.62	53.192	
3,600.0	3,586.1	3,602.4	3,600.8	11.5	13.8	35.58	-899.7	1,132.3	1,248.6	1,224.5	24.11	51.780	
3,610.0	3,596.0	3,613.1	3,611.6	11.5	13.8	35.62	-899.9	1,132.3	1,247.8	1,223.6	24.18	51.611	
3,700.0	3,685.3	3,708.7	3,707.1	11.8	14.2	35.97	-900.9	1,132.2	1,239.5	1,214.7	24.73	50.117	
3,705.0	3,690.3	3,713.5	3,712.0	11.9	14.2	35.99	-900.9	1,132.2	1,239.0	1,214.2	24.76	50.038	
3,800.0	3,784.6	3,805.8	3,804.2	12.2	14.5	36.33	-901.9	1,132.0	1,230.2	1,204.8	25.33	48.574	
3,895.0	3,878.9	3,901.9	3,900.3	12.6	14.8	36.71	-903.0	1,131.7	1,221.4	1,195.5	25.90	47.157	
3,900.0	3,883.8	3,907.3	3,905.7	12.6	14.8	36.73	-903.1	1,131.7	1,220.9	1,195.0	25.93	47.081	
3,990.0	3,973.2	4,004.5	4,003.0	12.9	15.1	37.12	-904.0	1,131.0	1,212.3	1,185.8	26.50	45.751	
4,000.0	3,983.1	4,014.4	4,012.8	13.0	15.2	37.16	-904.1	1,130.9	1,211.3	1,184.7	26.56	45.609	
4,085.0	4,067.5	4,098.2	4,096.6	13.3	15.4	37.51	-904.8	1,130.0	1,202.9	1,175.8	27.08	44.427	
4,100.0	4,082.4	4,113.7	4,112.2	13.4	15.5	37.58	-905.0	1,129.8	1,201.4	1,174.3	27.17	44.221	
4,180.0	4,161.8	4,197.0	4,195.4	13.7	15.8	37.94	-905.7	1,128.6	1,193.4	1,165.8	27.67	43.136	
4,200.0	4,181.6	4,216.6	4,215.0	13.7	15.8	38.03	-905.8	1,128.3	1,191.4	1,163.6	27.79	42.875	
4,275.0	4,256.0	4,289.6	4,287.9	14.0	16.1	38.36	-906.6	1,127.1	1,183.9	1,155.7	28.24	41.923	
4,300.0	4,280.9	4,315.4	4,313.8	14.1	16.1	38.48	-906.9	1,126.6	1,181.4	1,153.0	28.39	41.608	
4,370.0	4,350.3	4,391.0	4,389.4	14.4	16.4	38.85	-907.7	1,125.0	1,174.3	1,145.4	28.83	40.729	
4,400.0	4,380.1	4,420.7	4,419.0	14.5	16.5	39.00	-908.0	1,124.3	1,171.1	1,142.1	29.01	40.366	
4,465.0	4,444.6	4,482.8	4,481.1	14.8	16.7	39.30	-908.6	1,122.9	1,164.4	1,135.0	29.40	39.608	
4,500.0	4,479.4	4,518.3	4,516.6	14.9	16.8	39.48	-909.0	1,122.0	1,160.8	1,131.2	29.61	39.204	
4,560.0	4,538.9	4,582.7	4,581.0	15.2	17.0	39.82	-909.7	1,120.2	1,154.6	1,124.6	29.98	38.514	
4,600.0	4,578.6	4,623.0	4,621.3	15.3	17.1	40.05	-910.2	1,118.9	1,150.3	1,120.1	30.22	38.069	
4,655.0	4,633.2	4,676.1	4,674.4	15.5	17.3	40.34	-910.9	1,117.2	1,144.5	1,114.0	30.54	37.477	
4,700.0	4,677.9	4,720.5	4,718.7	15.7	17.5	40.59	-911.3	1,115.9	1,139.8	1,109.0	30.80	37.001	
4,750.0	4,727.5	4,771.1	4,769.2	15.9	17.6	40.86	-911.9	1,114.4	1,134.6	1,103.5	31.10	36.481	
4,800.0	4,777.1	4,821.0	4,819.1	16.1	17.8	41.14	-912.3	1,112.9	1,129.3	1,097.9	31.39	35.973	
4,845.0	4,821.8	4,865.1	4,863.2	16.3	17.9	41.39	-912.9	1,111.4	1,124.6	1,093.0	31.65	35.528	
4,900.0	4,876.4	4,918.3	4,916.4	16.5	18.1	41.71	-913.6	1,109.6	1,119.0	1,087.0	31.97	35.001	
4,940.0	4,916.1	4,956.1	4,954.2	16.7	18.2	41.94	-914.1	1,108.3	1,114.9	1,082.7	32.20	34.629	
5,000.0	4,975.6	5,013.6	5,011.6	16.9	18.4	42.28	-915.1	1,106.5	1,109.0	1,076.5	32.54	34.086	
5,035.0	5,010.4	5,048.8	5,046.8	17.0	18.6	42.49	-915.6	1,105.4	1,105.6	1,072.8	32.74	33.773	
5,100.0	5,074.9	5,114.0	5,112.0	17.3	18.8	42.89	-916.6	1,103.4	1,099.2	1,066.1	33.10	33.203	
5,130.0	5,104.7	5,144.1	5,142.1	17.4	18.9	43.07	-917.0	1,102.5	1,096.3	1,063.0	33.27	32.946	
5,200.0	5,174.2	5,213.9	5,211.8	17.7	19.1	43.50	-917.9	1,100.3	1,089.4	1,055.7	33.67	32.358	
5,225.0	5,199.0	5,238.1	5,236.0	17.8	19.2	43.65	-918.3	1,099.5	1,086.9	1,053.1	33.81	32.153	
5,300.0	5,273.4	5,310.5	5,308.4	18.1	19.5	44.11	-919.4	1,097.2	1,079.8	1,045.5	34.22	31.557	
5,320.0	5,293.3	5,329.4	5,327.3	18.2	19.5	44.23	-919.7	1,096.6	1,077.9	1,043.6	34.32	31.403	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - WETHERBEE #401H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100-GYRO-NS, 8660-MWD

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,400.0	5,372.7	5,405.2	5,402.9	18.5	19.8	44.72	-921.0	1,094.3	1,070.6	1,035.8	34.75	30.804	
5,415.0	5,387.6	5,419.7	5,417.5	18.6	19.8	44.81	-921.3	1,093.9	1,069.2	1,034.4	34.84	30.694	
5,500.0	5,471.9	5,500.0	5,497.7	18.9	20.1	45.34	-923.0	1,091.5	1,061.8	1,026.5	35.28	30.093	
5,510.0	5,481.8	5,511.3	5,509.0	18.9	20.2	45.41	-923.2	1,091.2	1,061.0	1,025.6	35.34	30.022	
5,600.0	5,571.2	5,595.9	5,593.6	19.3	20.5	45.96	-925.0	1,089.1	1,053.5	1,017.7	35.81	29.421	
5,605.0	5,576.1	5,600.7	5,598.3	19.3	20.5	45.99	-925.1	1,089.0	1,053.1	1,017.3	35.83	29.389	
5,700.0	5,670.4	5,695.3	5,692.9	19.7	20.8	46.62	-927.3	1,086.8	1,045.6	1,009.3	36.33	28.780	
5,795.0	5,764.7	5,784.7	5,782.3	20.1	21.1	47.23	-929.6	1,084.6	1,038.3	1,001.5	36.81	28.209	
5,800.0	5,769.7	5,789.4	5,787.0	20.1	21.1	47.26	-929.8	1,084.5	1,038.0	1,001.1	36.83	28.180	
5,890.0	5,859.0	5,879.6	5,877.2	20.5	21.4	47.87	-932.1	1,082.7	1,031.5	994.2	37.29	27.659	
5,900.0	5,868.9	5,889.8	5,887.3	20.5	21.5	47.94	-932.4	1,082.4	1,030.7	993.4	37.34	27.603	
5,928.9	5,897.7	5,918.9	5,916.4	20.6	21.6	48.14	-933.1	1,081.8	1,028.6	991.1	37.48	27.446	
5,985.0	5,953.3	5,975.3	5,972.8	20.8	21.8	48.48	-934.5	1,080.6	1,024.7	987.0	37.75	27.146	
6,000.0	5,968.2	5,990.5	5,987.9	20.9	21.8	48.57	-934.8	1,080.3	1,023.7	985.9	37.82	27.067	
6,080.0	6,047.8	6,071.2	6,068.7	21.2	22.1	49.01	-936.6	1,078.7	1,018.9	980.7	38.22	26.656	
6,100.0	6,067.7	6,091.5	6,088.9	21.3	22.2	49.11	-937.0	1,078.3	1,017.8	979.5	38.32	26.557	
6,175.0	6,142.5	6,167.8	6,165.2	21.6	22.4	49.47	-938.3	1,077.0	1,014.0	975.3	38.70	26.201	
6,200.0	6,167.4	6,193.2	6,190.6	21.7	22.5	49.58	-938.8	1,076.5	1,012.9	974.1	38.83	26.086	
6,270.0	6,237.2	6,269.5	6,266.9	21.9	22.8	49.89	-939.8	1,075.1	1,009.9	970.7	39.19	25.769	
6,300.0	6,267.2	6,302.7	6,300.0	22.0	22.9	50.00	-940.1	1,074.4	1,008.6	969.3	39.35	25.634	
6,365.0	6,332.1	6,379.3	6,376.6	22.2	23.2	50.26	-940.4	1,072.4	1,005.8	966.1	39.69	25.343	
6,400.0	6,367.0	6,420.2	6,417.5	22.4	23.3	50.39	-940.3	1,070.9	1,004.1	964.3	39.87	25.187	
6,460.0	6,427.0	6,489.8	6,487.1	22.5	23.6	50.59	-939.7	1,068.2	1,001.2	961.0	40.17	24.925	
6,500.0	6,467.0	6,533.1	6,530.3	22.7	23.7	50.70	-939.1	1,066.4	999.1	958.8	40.37	24.751	
6,555.0	6,522.0	6,591.3	6,588.5	22.8	23.9	50.81	-938.0	1,064.0	996.5	955.8	40.63	24.526	
6,600.0	6,567.0	6,638.4	6,635.5	22.9	24.1	50.88	-937.0	1,062.0	994.4	953.6	40.85	24.345	
6,629.0	6,596.0	6,668.7	6,665.8	22.9	24.2	149.37	-936.3	1,060.8	993.2	952.2	40.96	24.249	
6,650.0	6,617.0	6,690.6	6,687.6	22.9	24.2	149.40	-935.7	1,059.8	992.3	951.2	41.03	24.184	
6,700.0	6,667.0	6,739.5	6,736.5	22.9	24.4	149.46	-934.5	1,057.8	990.1	948.9	41.20	24.030	
6,745.0	6,712.0	6,782.9	6,779.8	23.0	24.5	149.51	-933.4	1,056.1	988.3	946.9	41.37	23.889	
6,800.0	6,767.0	6,836.2	6,833.1	23.0	24.7	149.57	-932.0	1,054.3	986.1	944.5	41.57	23.720	
6,840.0	6,807.0	6,875.0	6,871.9	23.0	24.8	149.60	-931.0	1,053.0	984.5	942.8	41.72	23.598	
6,900.0	6,867.0	6,935.9	6,932.7	23.0	25.1	149.63	-929.4	1,051.3	982.3	940.3	41.95	23.417	
6,935.0	6,902.0	6,972.6	6,969.3	23.0	25.2	149.65	-928.3	1,050.4	980.9	938.8	42.08	23.310	
7,000.0	6,967.0	7,043.9	7,040.6	23.0	25.4	149.67	-925.8	1,048.6	978.1	935.8	42.33	23.106	
7,030.0	6,997.0	7,077.8	7,074.5	23.0	25.5	149.67	-924.3	1,047.7	976.6	934.2	42.45	23.008	
7,100.0	7,067.0	7,151.0	7,147.6	23.1	25.8	149.64	-920.7	1,046.2	972.9	930.2	42.72	22.772	
7,125.0	7,092.0	7,176.3	7,172.8	23.1	25.9	149.62	-919.4	1,045.7	971.5	928.7	42.82	22.688	
7,200.0	7,167.0	7,246.3	7,242.7	23.1	26.1	149.56	-915.6	1,044.8	967.6	924.4	43.12	22.438	
7,220.0	7,187.0	7,264.2	7,260.6	23.1	26.2	149.54	-914.7	1,044.6	966.6	923.4	43.20	22.374	
7,300.0	7,267.0	7,335.9	7,332.3	23.1	26.4	149.47	-911.5	1,044.0	963.1	919.6	43.52	22.133	
7,315.0	7,282.0	7,349.4	7,345.7	23.1	26.4	149.46	-910.9	1,043.9	962.6	919.0	43.58	22.090	
7,400.0	7,367.0	7,427.2	7,423.5	23.2	26.7	149.41	-908.3	1,043.4	959.8	915.9	43.91	21.859	
7,410.0	7,377.0	7,436.8	7,433.0	23.2	26.7	149.40	-908.0	1,043.3	959.5	915.5	43.95	21.833	
7,500.0	7,467.0	7,523.6	7,519.8	23.2	27.0	149.36	-905.6	1,042.6	957.0	912.7	44.30	21.603	
7,505.0	7,472.0	7,528.5	7,524.7	23.2	27.1	149.36	-905.5	1,042.6	956.9	912.5	44.32	21.591	
7,600.0	7,567.0	7,622.5	7,618.7	23.2	27.4	149.42	-903.9	1,040.6	954.5	909.8	44.69	21.356	
7,695.0	7,662.0	7,716.2	7,712.3	23.3	27.7	149.62	-903.6	1,036.5	952.1	907.0	45.07	21.124	
7,700.0	7,667.0	7,720.8	7,716.9	23.3	27.7	149.63	-903.6	1,036.3	951.9	906.9	45.09	21.112	
7,790.0	7,757.0	7,800.0	7,795.9	23.3	28.0	149.90	-904.5	1,031.7	950.3	904.9	45.42	20.923	
7,800.0	7,767.0	7,800.0	7,795.9	23.3	28.0	149.90	-904.5	1,031.7	950.2	904.8	45.44	20.911	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - WETHERBEE #401H - OWB - AWP — **Offset Site Error:** 0.0 usft

Survey Program: 100-GYRO-NS, 8660-MWD — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,853.6	7,820.5	7,852.5	7,848.3	23.3	28.2	150.09	-905.8	1,028.7	949.8	904.2	45.63	20.817	CC, ES
7,885.0	7,852.0	7,877.5	7,873.3	23.3	28.3	150.19	-906.7	1,027.4	949.9	904.2	45.73	20.773	
7,900.0	7,867.0	7,889.4	7,885.2	23.3	28.4	150.23	-907.1	1,026.8	950.1	904.3	45.78	20.754	
7,980.0	7,947.0	7,960.1	7,955.8	23.3	28.6	150.50	-910.3	1,023.5	951.3	905.3	46.03	20.668	
8,000.0	7,967.0	7,978.2	7,973.8	23.4	28.7	150.56	-911.1	1,022.8	951.7	905.6	46.09	20.649	
8,075.0	8,042.0	8,051.9	8,047.4	23.4	29.0	150.81	-914.7	1,020.1	953.5	907.2	46.34	20.579	
8,100.0	8,067.0	8,077.5	8,072.9	23.4	29.1	150.88	-915.7	1,019.3	954.1	907.7	46.42	20.554	
8,170.0	8,137.0	8,150.9	8,146.2	23.4	29.3	151.05	-918.5	1,017.5	955.6	908.9	46.67	20.477	
8,200.0	8,167.0	8,182.7	8,178.0	23.4	29.4	151.12	-919.6	1,016.8	956.2	909.4	46.77	20.442	
8,265.0	8,232.0	8,253.4	8,248.6	23.4	29.7	151.27	-921.7	1,015.1	957.1	910.1	47.01	20.359	
8,300.0	8,267.0	8,291.7	8,287.0	23.5	29.8	151.35	-922.7	1,014.2	957.5	910.3	47.14	20.311	
8,360.0	8,327.0	8,352.1	8,347.4	23.5	30.0	151.47	-924.0	1,012.7	957.9	910.6	47.35	20.229	
8,400.0	8,367.0	8,391.9	8,387.1	23.5	30.1	151.54	-924.9	1,011.8	958.2	910.7	47.50	20.175	
8,455.0	8,422.0	8,442.4	8,437.5	23.5	30.3	151.62	-926.0	1,010.8	958.8	911.1	47.68	20.108	
8,500.0	8,467.0	8,483.0	8,478.2	23.5	30.5	151.70	-927.1	1,010.0	959.5	911.6	47.83	20.059	
8,550.0	8,517.0	8,529.9	8,525.0	23.5	30.6	151.78	-928.6	1,009.2	960.4	912.4	48.00	20.008	
8,600.0	8,567.0	8,577.7	8,572.8	23.6	30.8	151.87	-930.2	1,008.3	961.5	913.3	48.17	19.959	
8,645.0	8,612.0	8,627.1	8,622.2	23.6	31.0	151.97	-931.9	1,007.5	962.5	914.2	48.34	19.910	
8,700.0	8,667.0	8,694.9	8,689.9	23.6	31.1	152.11	-933.7	1,005.7	963.1	914.7	48.43	19.885	
8,740.0	8,707.0	8,723.0	8,718.0	23.6	31.1	152.12	-934.2	1,005.8	963.7	915.2	48.47	19.884	SF
8,800.0	8,767.0	8,755.0	8,749.9	23.6	31.1	152.04	-934.4	1,007.3	965.5	917.0	48.54	19.893	
8,835.0	8,802.0	8,786.0	8,780.8	23.6	31.1	151.88	-934.4	1,010.4	967.2	918.6	48.60	19.902	
8,900.0	8,867.0	8,825.1	8,819.5	23.7	31.1	151.61	-934.6	1,015.7	971.6	922.9	48.67	19.960	
8,930.0	8,897.0	8,849.0	8,843.1	23.7	31.1	151.40	-934.6	1,019.8	974.0	925.3	48.73	19.988	
9,000.0	8,967.0	8,880.0	8,873.3	23.7	31.1	151.03	-934.2	1,026.7	981.1	932.3	48.78	20.111	
9,025.0	8,992.0	8,893.5	8,886.3	23.7	31.2	150.83	-934.0	1,030.5	984.3	935.5	48.82	20.162	
9,100.0	9,067.0	8,912.0	8,903.7	23.7	31.2	150.51	-933.7	1,036.5	996.4	947.6	48.75	20.437	
9,120.0	9,087.0	8,924.1	8,915.0	23.7	31.2	150.28	-933.6	1,041.0	1,000.1	951.4	48.79	20.498	
9,200.0	9,167.0	8,943.0	8,932.1	23.8	31.3	149.88	-933.6	1,048.9	1,018.4	969.7	48.65	20.932	
9,215.0	9,182.0	8,943.0	8,932.1	23.8	31.3	149.88	-933.6	1,048.9	1,022.4	973.8	48.58	21.044	
9,300.0	9,267.0	8,977.0	8,961.9	23.8	31.5	149.08	-934.1	1,065.2	1,047.1	998.4	48.66	21.518	
9,310.0	9,277.0	8,979.9	8,964.4	23.8	31.5	149.01	-934.2	1,066.7	1,050.3	1,001.6	48.65	21.588	
9,400.0	9,367.0	9,007.0	8,987.1	23.8	31.6	148.31	-935.2	1,081.5	1,081.9	1,033.3	48.55	22.283	
9,405.0	9,372.0	9,007.0	8,987.1	23.8	31.6	148.31	-935.2	1,081.5	1,083.8	1,035.3	48.52	22.336	
9,500.0	9,467.0	9,038.0	9,011.9	23.9	31.7	147.46	-936.6	1,100.0	1,122.3	1,074.0	48.34	23.219	
9,595.0	9,562.0	9,070.0	9,036.1	23.9	31.7	146.51	-937.6	1,120.9	1,165.3	1,117.2	48.13	24.214	
9,600.0	9,567.0	9,070.0	9,036.1	23.9	31.7	146.51	-937.6	1,120.9	1,167.7	1,119.6	48.09	24.280	
9,690.0	9,657.0	9,101.0	9,058.2	23.9	31.8	145.53	-938.2	1,142.6	1,212.5	1,164.6	47.90	25.313	
9,700.0	9,667.0	9,101.0	9,058.2	23.9	31.8	145.53	-938.2	1,142.6	1,217.7	1,169.8	47.83	25.458	
9,785.0	9,752.0	9,133.0	9,079.5	24.0	31.8	144.46	-938.5	1,166.5	1,263.7	1,216.0	47.69	26.496	
9,800.0	9,767.0	9,133.0	9,079.5	24.0	31.8	144.46	-938.5	1,166.5	1,272.1	1,224.5	47.59	26.728	
9,880.0	9,847.0	9,150.6	9,090.5	24.0	31.8	143.86	-938.3	1,180.2	1,318.4	1,271.1	47.31	27.869	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - WETHERBEE #424H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100-Standard Keeper 104, 9729-r.5 MWD+IFR1+MS

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,300.0	9,267.0	15,475.0	10,471.5	23.8	42.9	124.54	-385.0	994.7	1,309.2	1,247.4	61.80	21.186	
9,310.0	9,277.0	15,475.0	10,471.5	23.8	42.9	124.54	-385.0	994.7	1,300.1	1,238.3	61.81	21.035	
9,400.0	9,367.0	15,475.0	10,471.5	23.8	42.9	124.54	-385.0	994.7	1,218.6	1,156.7	61.88	19.693	
9,405.0	9,372.0	15,475.0	10,471.5	23.8	42.9	124.54	-385.0	994.7	1,214.1	1,152.2	61.88	19.620	
9,500.0	9,467.0	15,475.0	10,471.5	23.9	42.9	124.54	-385.0	994.7	1,129.5	1,067.6	61.92	18.242	
9,595.0	9,562.0	15,475.0	10,471.5	23.9	42.9	124.54	-385.0	994.7	1,046.8	984.9	61.91	16.909	
9,600.0	9,567.0	15,475.0	10,471.5	23.9	42.9	124.54	-385.0	994.7	1,042.5	980.6	61.90	16.840	
9,690.0	9,657.0	15,475.0	10,471.5	23.9	42.9	124.54	-385.0	994.7	966.3	904.4	61.83	15.628	
9,700.0	9,667.0	15,475.0	10,471.5	23.9	42.9	124.54	-385.0	994.7	957.9	896.1	61.82	15.497	
9,785.0	9,752.0	15,475.0	10,471.5	24.0	42.9	124.54	-385.0	994.7	888.6	826.9	61.67	14.409	
9,800.0	9,767.0	15,475.0	10,471.5	24.0	42.9	124.54	-385.0	994.7	876.7	815.0	61.63	14.223	
9,880.0	9,847.0	15,475.0	10,471.5	24.0	42.9	124.54	-385.0	994.7	814.6	753.2	61.41	13.266	
9,900.0	9,867.0	15,475.0	10,471.5	24.0	42.9	124.54	-385.0	994.7	799.6	738.3	61.34	13.037	
9,974.1	9,941.0	15,475.0	10,471.5	24.0	42.9	124.54	-385.0	994.7	746.1	685.1	61.02	12.227	
9,975.0	9,942.0	15,475.0	10,471.5	24.0	42.9	124.75	-385.0	994.7	745.5	684.4	61.02	12.217	
10,000.0	9,967.0	15,475.0	10,471.5	24.0	42.9	126.63	-385.0	994.7	728.5	667.6	60.86	11.969	
10,050.0	10,016.8	15,475.0	10,471.5	24.0	42.9	129.73	-385.0	994.7	697.5	637.1	60.41	11.547	
10,070.0	10,036.5	15,475.0	10,471.5	24.0	42.9	130.75	-385.0	994.7	686.4	626.2	60.16	11.409	
10,100.0	10,066.0	15,475.0	10,471.5	24.0	42.9	132.07	-385.0	994.7	671.2	611.5	59.74	11.236	
10,150.0	10,114.2	15,475.0	10,471.5	24.0	42.9	133.75	-385.0	994.7	650.4	591.6	58.85	11.053	
10,165.0	10,128.5	15,475.0	10,471.5	24.0	42.9	134.14	-385.0	994.7	645.4	586.8	58.53	11.026	
10,200.0	10,161.2	15,475.0	10,471.5	24.0	42.9	134.85	-385.0	994.7	635.8	578.0	57.73	11.013	SF
10,250.0	10,206.4	15,475.0	10,471.5	24.0	42.9	135.42	-385.0	994.7	627.8	571.4	56.41	11.130	
10,260.0	10,215.3	15,475.0	10,471.5	24.0	42.9	135.48	-385.0	994.7	627.1	570.9	56.12	11.173	
10,281.6	10,234.0	15,475.0	10,471.5	24.0	42.9	135.52	-385.0	994.7	626.4	570.9	55.49	11.288	CC, ES
10,300.0	10,249.7	15,475.0	10,471.5	24.0	42.9	135.49	-385.0	994.7	626.9	571.9	54.94	11.411	
10,350.0	10,290.6	15,475.0	10,471.5	24.0	42.9	135.05	-385.0	994.7	633.0	579.6	53.38	11.858	
10,355.0	10,294.5	15,475.0	10,471.5	24.0	42.9	134.98	-385.0	994.7	634.0	580.8	53.23	11.911	
10,400.0	10,328.8	15,475.0	10,471.5	24.0	42.9	134.10	-385.0	994.7	646.0	594.1	51.82	12.465	
10,450.0	10,364.1	15,475.0	10,471.5	24.0	42.9	132.57	-385.0	994.7	665.2	614.9	50.31	13.223	
10,500.0	10,396.2	15,475.0	10,471.5	24.0	42.9	130.42	-385.0	994.7	690.1	641.3	48.89	14.115	
10,545.0	10,422.1	15,475.0	10,471.5	24.0	42.9	127.85	-385.0	994.7	716.8	669.1	47.71	15.022	
10,550.0	10,424.8	15,475.0	10,471.5	24.0	42.9	127.52	-385.0	994.7	720.0	672.4	47.59	15.128	
10,600.0	10,449.7	15,475.0	10,471.5	24.0	42.9	123.77	-385.0	994.7	753.9	707.5	46.40	16.246	
10,640.0	10,466.9	15,475.0	10,471.5	24.0	42.9	120.04	-385.0	994.7	783.4	737.9	45.53	17.207	
10,650.0	10,470.7	15,475.0	10,471.5	24.0	42.9	119.00	-385.0	994.7	791.1	745.8	45.32	17.455	
10,700.0	10,487.8	15,475.0	10,471.5	24.1	42.9	113.06	-385.0	994.7	830.9	786.6	44.33	18.744	
10,735.0	10,497.2	15,475.0	10,471.5	24.1	42.9	108.15	-385.0	994.7	860.0	816.4	43.68	19.688	
10,750.0	10,500.6	15,475.0	10,471.5	24.1	42.9	105.85	-385.0	994.7	872.8	829.4	43.41	20.103	
10,800.0	10,509.2	15,475.0	10,471.5	24.1	42.9	97.42	-385.0	994.7	916.0	873.5	42.56	21.523	
10,830.0	10,512.3	15,475.0	10,471.5	24.2	42.9	91.87	-385.0	994.7	942.4	900.3	42.07	22.400	
10,850.0	10,513.5	15,475.0	10,471.5	24.2	42.9	88.02	-385.0	994.7	960.2	918.4	41.76	22.994	
10,872.1	10,514.0	15,475.0	10,471.5	24.2	42.9	83.70	-385.0	994.7	979.8	938.4	41.42	23.658	
10,900.0	10,514.1	15,475.0	10,471.5	24.3	42.9	83.70	-385.0	994.7	1,004.8	958.3	46.54	21.590	
10,925.0	10,514.2	15,475.0	10,471.5	24.3	42.9	83.70	-385.0	994.7	1,027.4	981.1	46.27	22.203	
11,000.0	10,514.4	15,475.0	10,471.5	24.4	42.9	83.70	-385.0	994.7	1,095.6	1,050.0	45.54	24.055	
11,020.0	10,514.5	15,475.0	10,471.5	24.4	42.9	83.70	-385.0	994.7	1,113.9	1,068.5	45.37	24.552	
11,100.0	10,514.8	15,475.0	10,471.5	24.5	42.9	83.70	-385.0	994.7	1,187.8	1,143.0	44.74	26.547	
11,115.0	10,514.9	15,475.0	10,471.5	24.5	42.9	83.70	-385.0	994.7	1,201.7	1,157.1	44.64	26.922	
11,200.0	10,515.1	15,475.0	10,471.5	24.6	42.9	83.70	-385.0	994.7	1,281.1	1,237.0	44.09	29.054	
11,210.0	10,515.2	15,475.0	10,471.5	24.6	42.9	83.70	-385.0	994.7	1,290.5	1,246.5	44.04	29.305	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - WETHERBEE D ALLOCATION #408H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100- VES GyroFlex, 7339-MWD

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
3,800.0	3,784.6	3,790.1	3,790.0	12.2	4.2	18.93	-640.9	1,425.4	1,315.5	1,299.5	15.95	82.492	
3,895.0	3,878.9	3,891.5	3,891.5	12.6	4.2	19.10	-641.0	1,426.2	1,305.3	1,288.9	16.35	79.826	
3,900.0	3,883.8	3,896.9	3,896.8	12.6	4.2	19.11	-641.0	1,426.2	1,304.7	1,288.3	16.37	79.688	
3,990.0	3,973.2	3,981.0	3,980.9	12.9	4.3	19.26	-641.2	1,426.7	1,294.9	1,278.2	16.76	77.265	
4,000.0	3,983.1	3,990.2	3,990.2	13.0	4.3	19.27	-641.3	1,426.8	1,293.9	1,277.0	16.80	77.003	
4,085.0	4,067.5	4,075.2	4,075.1	13.3	4.4	19.43	-641.7	1,427.5	1,284.9	1,267.7	17.17	74.815	
4,100.0	4,082.4	4,090.3	4,090.3	13.4	4.4	19.46	-641.8	1,427.6	1,283.3	1,266.0	17.24	74.438	
4,180.0	4,161.8	4,172.7	4,172.6	13.7	4.5	19.61	-642.1	1,428.1	1,274.7	1,257.1	17.59	72.453	
4,200.0	4,181.6	4,193.3	4,193.3	13.7	4.5	19.65	-642.1	1,428.2	1,272.5	1,254.8	17.68	71.967	
4,275.0	4,256.0	4,264.7	4,264.7	14.0	4.5	19.79	-642.5	1,428.6	1,264.4	1,246.4	18.01	70.191	
4,300.0	4,280.9	4,288.4	4,288.3	14.1	4.6	19.84	-642.7	1,428.7	1,261.7	1,243.6	18.12	69.620	
4,370.0	4,350.3	4,356.6	4,356.5	14.4	4.6	19.99	-643.5	1,429.1	1,254.4	1,236.0	18.42	68.081	
4,400.0	4,380.1	4,386.0	4,385.9	14.5	4.6	20.06	-643.9	1,429.2	1,251.3	1,232.7	18.56	67.431	
4,465.0	4,444.6	4,449.4	4,449.3	14.8	4.7	20.21	-644.7	1,429.5	1,244.5	1,225.7	18.84	66.051	
4,500.0	4,479.4	4,483.5	4,483.4	14.9	4.7	20.29	-645.2	1,429.7	1,240.9	1,221.9	19.00	65.328	
4,560.0	4,538.9	4,545.4	4,545.3	15.2	4.7	20.44	-646.1	1,430.1	1,234.8	1,215.5	19.26	64.119	
4,600.0	4,578.6	4,587.5	4,587.4	15.3	4.8	20.54	-646.6	1,430.2	1,230.6	1,211.1	19.43	63.327	
4,655.0	4,633.2	4,642.1	4,642.0	15.5	4.8	20.68	-647.3	1,430.3	1,224.7	1,205.0	19.67	62.260	
4,700.0	4,677.9	4,686.1	4,685.9	15.7	4.8	20.79	-647.8	1,430.5	1,220.0	1,200.1	19.87	61.406	
4,750.0	4,727.5	4,735.2	4,735.1	15.9	4.9	20.91	-648.4	1,430.7	1,214.7	1,194.6	20.09	60.479	
4,800.0	4,777.1	4,784.6	4,784.4	16.1	4.9	21.04	-649.1	1,430.8	1,209.5	1,189.2	20.30	59.573	
4,845.0	4,821.8	4,829.3	4,829.1	16.3	4.9	21.16	-649.8	1,430.9	1,204.8	1,184.3	20.50	58.778	
4,900.0	4,876.4	4,884.1	4,884.0	16.5	5.0	21.31	-650.7	1,431.0	1,199.1	1,178.4	20.74	57.827	
4,940.0	4,916.1	4,924.3	4,924.1	16.7	5.0	21.42	-651.3	1,431.1	1,194.9	1,174.0	20.91	57.150	
5,000.0	4,975.6	4,984.7	4,984.6	16.9	5.1	21.58	-652.2	1,431.2	1,188.6	1,167.5	21.17	56.153	
5,035.0	5,010.4	5,019.9	5,019.7	17.0	5.1	21.68	-652.7	1,431.3	1,185.0	1,163.6	21.32	55.582	
5,100.0	5,074.9	5,085.2	5,085.0	17.3	5.1	21.85	-653.5	1,431.4	1,178.1	1,156.5	21.60	54.541	
5,130.0	5,104.7	5,114.6	5,114.4	17.4	5.2	21.93	-653.9	1,431.4	1,174.9	1,153.2	21.73	54.068	
5,200.0	5,174.2	5,181.4	5,181.3	17.7	5.2	22.12	-654.9	1,431.5	1,167.6	1,145.6	22.03	52.991	
5,225.0	5,199.0	5,205.5	5,205.3	17.8	5.2	22.19	-655.3	1,431.6	1,165.1	1,142.9	22.14	52.616	
5,300.0	5,273.4	5,279.8	5,279.6	18.1	5.3	22.41	-656.5	1,431.8	1,157.4	1,135.0	22.47	51.511	
5,320.0	5,293.3	5,299.6	5,299.4	18.2	5.3	22.47	-656.8	1,431.9	1,155.4	1,132.8	22.56	51.221	
5,400.0	5,372.7	5,379.6	5,379.4	18.5	5.4	22.70	-658.0	1,432.2	1,147.3	1,124.3	22.91	50.076	
5,415.0	5,387.6	5,394.6	5,394.4	18.6	5.4	22.74	-658.2	1,432.3	1,145.7	1,122.7	22.98	49.865	
5,500.0	5,471.9	5,479.3	5,479.1	18.9	5.5	22.98	-659.2	1,432.7	1,137.1	1,113.7	23.36	48.685	
5,510.0	5,481.8	5,489.3	5,489.1	18.9	5.5	23.01	-659.4	1,432.7	1,136.0	1,112.6	23.40	48.548	
5,600.0	5,571.2	5,578.2	5,578.0	19.3	5.6	23.25	-660.4	1,433.2	1,126.9	1,103.1	23.80	47.338	
5,605.0	5,576.1	5,583.2	5,583.0	19.3	5.6	23.27	-660.4	1,433.2	1,126.4	1,102.5	23.83	47.272	
5,700.0	5,670.4	5,673.6	5,673.4	19.7	5.7	23.52	-661.4	1,433.9	1,116.9	1,092.6	24.26	46.035	
5,795.0	5,764.7	5,767.3	5,767.0	20.1	5.8	23.77	-662.4	1,435.0	1,107.7	1,083.0	24.70	44.846	
5,800.0	5,769.7	5,772.3	5,772.0	20.1	5.8	23.78	-662.5	1,435.0	1,107.2	1,082.5	24.72	44.784	
5,890.0	5,859.0	5,861.1	5,860.9	20.5	5.9	24.03	-663.6	1,435.9	1,098.5	1,073.4	25.14	43.703	
5,900.0	5,868.9	5,870.9	5,870.7	20.5	5.9	24.06	-663.7	1,436.0	1,097.6	1,072.4	25.18	43.586	
5,928.9	5,897.7	5,899.3	5,899.0	20.6	6.0	24.15	-664.1	1,436.3	1,094.8	1,069.5	25.31	43.264	
5,985.0	5,953.3	5,955.4	5,955.2	20.8	6.0	24.30	-665.1	1,436.7	1,089.7	1,064.2	25.55	42.655	
6,000.0	5,968.2	5,970.4	5,970.2	20.9	6.1	24.34	-665.3	1,436.9	1,088.4	1,062.8	25.61	42.497	
6,080.0	6,047.8	6,052.9	6,052.7	21.2	6.1	24.54	-666.7	1,437.4	1,082.1	1,056.2	25.96	41.686	
6,100.0	6,067.7	6,073.9	6,073.6	21.3	6.2	24.59	-667.0	1,437.6	1,080.7	1,054.6	26.05	41.491	
6,175.0	6,142.5	6,149.4	6,149.1	21.6	6.3	24.75	-668.0	1,437.9	1,075.7	1,049.3	26.36	40.808	
6,200.0	6,167.4	6,174.1	6,173.8	21.7	6.3	24.80	-668.4	1,438.0	1,074.2	1,047.8	26.46	40.591	
6,270.0	6,237.2	6,247.0	6,246.7	21.9	6.4	24.95	-669.7	1,438.1	1,070.6	1,043.9	26.74	40.039	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: PEACEKEEPER - WETHERBEE D ALLOCATION #408H - OWB - AWP — **Offset Site Error:** 0.0 usft

Survey Program: 100- VES GyroFlex, 7339-MWD — **Offset Well Error:** 3.0 usft

Rule Assigned:

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,300.0	6,267.2	6,279.2	6,278.9	22.0	6.4	25.00	-670.1	1,438.2	1,069.2	1,042.4	26.86	39.812	
6,365.0	6,332.1	6,364.1	6,363.8	22.2	6.4	25.12	-670.5	1,437.8	1,066.2	1,039.1	27.05	39.415	
6,400.0	6,367.0	6,413.2	6,412.9	22.4	6.5	25.17	-670.2	1,436.9	1,064.1	1,037.0	27.14	39.203	
6,460.0	6,427.0	6,472.9	6,472.6	22.5	6.4	25.21	-669.5	1,435.7	1,060.9	1,033.6	27.28	38.888	
6,500.0	6,467.0	6,515.1	6,514.8	22.7	6.4	25.22	-668.8	1,434.8	1,058.9	1,031.5	27.37	38.683	
6,555.0	6,522.0	6,573.6	6,573.2	22.8	6.4	25.23	-667.7	1,433.5	1,056.4	1,028.9	27.48	38.447	
6,600.0	6,567.0	6,620.8	6,620.4	22.9	6.4	25.22	-666.7	1,432.4	1,054.6	1,027.0	27.57	38.258	
6,629.0	6,596.0	6,650.7	6,650.3	22.9	6.4	123.66	-666.1	1,431.6	1,053.6	1,026.0	27.58	38.195	
6,650.0	6,617.0	6,672.3	6,671.9	22.9	6.4	123.66	-665.7	1,431.0	1,052.9	1,025.3	27.58	38.170	
6,700.0	6,667.0	6,723.2	6,722.8	22.9	6.4	123.66	-664.8	1,429.5	1,051.1	1,023.6	27.58	38.108	
6,745.0	6,712.0	6,768.6	6,768.1	23.0	6.4	123.67	-663.9	1,428.1	1,049.6	1,022.0	27.59	38.040	
6,800.0	6,767.0	6,824.2	6,823.6	23.0	6.4	123.66	-662.8	1,426.5	1,047.6	1,020.0	27.60	37.955	
6,840.0	6,807.0	6,864.7	6,864.2	23.0	6.4	123.66	-661.9	1,425.3	1,046.1	1,018.5	27.61	37.891	
6,900.0	6,867.0	6,925.9	6,925.3	23.0	6.4	123.64	-660.4	1,423.6	1,043.9	1,016.3	27.62	37.789	
6,935.0	6,902.0	6,961.8	6,961.2	23.0	6.4	123.63	-659.4	1,422.6	1,042.6	1,015.0	27.64	37.727	
7,000.0	6,967.0	7,024.9	7,024.3	23.0	6.3	123.59	-657.4	1,421.0	1,040.1	1,012.4	27.66	37.599	
7,030.0	6,997.0	7,052.0	7,051.3	23.0	6.3	123.57	-656.6	1,420.4	1,039.0	1,011.3	27.68	37.539	
7,100.0	7,067.0	7,114.1	7,113.4	23.1	6.3	123.53	-655.0	1,419.2	1,036.9	1,009.2	27.72	37.409	
7,125.0	7,092.0	7,135.3	7,134.6	23.1	6.3	123.52	-654.5	1,418.9	1,036.3	1,008.5	27.73	37.365	
7,200.0	7,167.0	7,200.0	7,199.3	23.1	6.3	123.49	-653.5	1,418.2	1,035.0	1,007.2	27.78	37.255	
7,220.0	7,187.0	7,217.1	7,216.4	23.1	6.3	123.49	-653.4	1,418.1	1,034.7	1,006.9	27.80	37.225	
7,300.0	7,267.0	7,289.7	7,289.0	23.1	6.4	123.49	-653.2	1,417.6	1,034.2	1,006.4	27.85	37.131	
7,315.0	7,282.0	7,303.2	7,302.5	23.1	6.4	123.50	-653.3	1,417.6	1,034.2	1,006.3	27.86	37.115	
7,327.2	7,294.1	7,313.9	7,313.2	23.1	6.4	123.50	-653.3	1,417.5	1,034.2	1,006.3	27.87	37.104	CC, ES
7,400.0	7,367.0	7,383.1	7,382.3	23.2	6.4	123.54	-653.9	1,417.3	1,034.3	1,006.4	27.91	37.058	
7,410.0	7,377.0	7,391.3	7,390.5	23.2	6.4	123.54	-654.0	1,417.2	1,034.4	1,006.4	27.92	37.050	
7,500.0	7,467.0	7,455.5	7,454.7	23.2	6.4	123.60	-655.3	1,417.4	1,035.6	1,007.6	28.01	36.976	
7,505.0	7,472.0	7,458.0	7,457.3	23.2	6.4	123.60	-655.4	1,417.4	1,035.8	1,007.8	28.01	36.973	
7,600.0	7,567.0	7,499.0	7,498.1	23.2	6.5	123.73	-658.6	1,418.0	1,041.2	1,013.0	28.18	36.953	SF
7,695.0	7,662.0	7,543.7	7,542.2	23.3	6.7	124.06	-666.2	1,418.6	1,051.4	1,023.1	28.34	37.102	
7,700.0	7,667.0	7,546.1	7,544.5	23.3	6.7	124.08	-666.7	1,418.6	1,052.1	1,023.7	28.35	37.116	
7,790.0	7,757.0	7,609.3	7,605.3	23.3	6.9	124.88	-684.0	1,418.2	1,065.8	1,037.4	28.41	37.515	
7,800.0	7,767.0	7,622.4	7,617.7	23.3	6.9	125.08	-688.2	1,417.7	1,067.4	1,039.0	28.40	37.589	
7,885.0	7,852.0	7,677.7	7,669.2	23.3	7.0	126.05	-707.9	1,414.2	1,081.6	1,053.2	28.44	38.032	
7,900.0	7,867.0	7,690.0	7,680.4	23.3	7.0	126.30	-712.9	1,413.3	1,084.5	1,056.1	28.44	38.133	
7,980.0	7,947.0	7,722.0	7,709.0	23.3	7.1	126.99	-727.0	1,410.9	1,101.8	1,073.2	28.55	38.586	
8,000.0	7,967.0	7,722.0	7,709.0	23.4	7.1	126.99	-727.0	1,410.9	1,106.6	1,078.0	28.60	38.690	
8,075.0	8,042.0	7,754.0	7,736.5	23.4	7.3	127.75	-743.1	1,408.4	1,126.8	1,098.1	28.72	39.235	
8,100.0	8,067.0	7,754.0	7,736.5	23.4	7.3	127.75	-743.1	1,408.4	1,134.2	1,105.5	28.78	39.413	
8,170.0	8,137.0	7,786.0	7,762.8	23.4	7.5	128.58	-761.1	1,405.8	1,157.0	1,128.1	28.89	40.055	
8,200.0	8,167.0	7,786.0	7,762.8	23.4	7.5	128.58	-761.1	1,405.8	1,167.5	1,138.6	28.95	40.324	
8,265.0	8,232.0	7,808.6	7,780.7	23.4	7.5	129.20	-774.8	1,404.1	1,192.1	1,163.1	29.06	41.027	
8,300.0	8,267.0	7,818.0	7,788.0	23.5	7.6	129.46	-780.7	1,403.4	1,206.2	1,177.1	29.11	41.432	
8,360.0	8,327.0	7,850.0	7,812.5	23.5	7.6	130.35	-801.2	1,401.1	1,231.6	1,202.4	29.18	42.209	
8,400.0	8,367.0	7,860.8	7,820.5	23.5	7.7	130.66	-808.3	1,400.3	1,249.4	1,220.1	29.24	42.724	
8,455.0	8,422.0	7,882.0	7,836.2	23.5	7.7	131.25	-822.5	1,398.9	1,274.9	1,245.6	29.32	43.489	
8,500.0	8,467.0	7,882.0	7,836.2	23.5	7.7	131.25	-822.5	1,398.9	1,296.9	1,267.5	29.40	44.105	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #704H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 861-MWD+IFR1+FDIR, 8939-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	3.1	3.1	3.0	3.0	92.92	-32.1	629.8	630.6				
95.0	95.0	102.2	102.2	3.0	3.0	92.86	-31.5	629.5	630.3	624.3	6.02	104.740	
100.0	100.0	107.6	107.6	3.0	3.0	92.86	-31.4	629.5	630.3	624.2	6.02	104.683	
190.0	190.0	200.0	200.0	3.1	3.0	92.75	-30.1	628.5	629.3	623.1	6.13	102.672	
200.0	200.0	210.1	210.0	3.1	3.0	92.73	-30.0	628.4	629.1	623.0	6.15	102.362	
266.0	266.0	269.3	269.2	3.2	3.0	92.67	-29.3	628.0	628.7	622.5	6.22	101.021	
285.0	285.0	286.3	286.2	3.3	3.0	92.67	-29.2	628.0	628.7	622.5	6.25	100.632	
300.0	300.0	300.0	300.0	3.3	3.0	92.67	-29.3	628.1	628.8	622.5	6.27	100.322	
380.0	380.0	373.4	373.4	3.4	3.0	92.73	-30.0	628.8	629.6	623.2	6.36	99.014	
400.0	400.0	393.3	393.3	3.4	3.0	92.76	-30.3	629.1	629.9	623.5	6.38	98.674	
475.0	475.0	473.8	473.7	3.5	3.0	92.87	-31.6	630.0	630.8	624.3	6.47	97.490	
500.0	500.0	501.7	501.7	3.5	3.0	92.90	-31.9	630.1	630.9	624.4	6.50	97.046	
570.0	570.0	582.3	582.3	3.6	3.0	92.93	-32.2	629.5	630.4	623.8	6.58	95.797	
600.0	600.0	614.9	614.8	3.6	3.0	92.93	-32.2	629.0	630.0	623.3	6.62	95.205	
665.0	665.0	687.6	687.5	3.7	3.0	92.91	-31.9	627.1	628.3	621.6	6.69	93.887	
700.0	700.0	721.8	721.7	3.8	3.0	92.90	-31.7	626.1	627.2	620.4	6.73	93.131	
760.0	760.0	779.0	778.9	3.8	3.0	92.90	-31.6	624.5	625.5	618.7	6.80	91.934	
800.0	800.0	817.1	817.0	3.9	3.1	92.90	-31.6	623.6	624.6	617.7	6.85	91.154	
855.0	855.0	869.8	869.6	4.0	3.1	92.93	-31.8	622.5	623.4	616.5	6.92	90.128	
900.0	900.0	913.7	913.6	4.0	3.1	92.95	-32.0	621.7	622.6	615.6	6.98	89.171	
950.0	950.0	961.7	961.6	4.1	3.1	92.98	-32.3	620.9	621.8	614.8	7.06	88.119	
1,000.0	1,000.0	1,005.7	1,005.5	4.1	3.1	93.02	-32.7	620.5	621.4	614.2	7.14	87.022	
1,020.6	1,020.6	1,023.8	1,023.6	4.1	3.2	93.04	-33.0	620.5	621.3	614.2	7.18	86.594	
1,045.0	1,045.0	1,046.0	1,045.8	4.2	3.2	93.07	-33.3	620.5	621.4	614.2	7.22	86.088	
1,100.0	1,100.0	1,090.1	1,089.9	4.2	3.2	93.15	-34.2	621.0	622.1	614.8	7.32	85.021	
1,140.0	1,140.0	1,122.6	1,122.4	4.3	3.3	93.24	-35.2	621.9	623.2	615.8	7.39	84.324	
1,200.0	1,200.0	1,172.7	1,172.5	4.4	3.3	93.39	-36.9	623.8	625.7	618.2	7.51	83.323	
1,235.0	1,235.0	1,202.2	1,201.9	4.4	3.4	93.48	-38.0	625.3	627.5	619.9	7.58	82.783	
1,300.0	1,300.0	1,258.5	1,258.0	4.5	3.5	93.65	-40.1	628.9	631.7	624.0	7.72	81.798	
1,330.0	1,330.0	1,285.1	1,284.5	4.5	3.5	93.72	-41.0	630.8	634.0	626.2	7.79	81.355	
1,400.0	1,400.0	1,346.8	1,346.0	4.6	3.6	93.86	-42.9	635.8	639.8	631.8	7.96	80.361	
1,425.0	1,425.0	1,368.7	1,367.8	4.6	3.7	93.91	-43.6	637.7	642.0	634.0	8.02	80.027	
1,500.0	1,500.0	1,434.8	1,433.5	4.7	3.8	94.07	-45.8	644.2	649.6	641.4	8.22	79.066	
1,520.0	1,520.0	1,452.5	1,451.2	4.7	3.8	-4.33	-46.5	646.1	651.7	643.4	8.29	78.613	
1,600.0	1,600.0	1,526.3	1,524.4	4.8	4.0	-4.08	-50.0	654.5	659.3	650.7	8.60	76.634	
1,615.0	1,615.0	1,541.7	1,539.7	4.8	4.1	-4.02	-50.8	656.2	660.6	651.9	8.68	76.088	
1,700.0	1,699.8	1,633.2	1,630.5	5.0	4.3	-3.67	-56.0	666.4	665.7	656.6	9.15	72.752	
1,710.0	1,709.8	1,645.1	1,642.3	5.0	4.3	-3.63	-56.6	667.6	666.1	656.9	9.21	72.308	
1,800.0	1,799.5	1,752.0	1,748.6	5.2	4.6	-3.33	-61.5	677.2	666.5	656.8	9.77	68.211	
1,805.0	1,804.4	1,758.0	1,754.5	5.2	4.6	-3.31	-61.8	677.7	666.4	656.6	9.80	68.030	
1,850.0	1,849.2	1,807.3	1,803.8	5.3	4.7	-3.21	-63.7	681.2	664.6	654.6	10.00	66.451	
1,900.0	1,898.8	1,854.8	1,851.1	5.4	4.9	-3.09	-65.6	684.6	662.2	652.0	10.21	64.876	
1,995.0	1,993.0	1,935.6	1,931.5	5.6	5.1	-2.84	-69.6	691.0	658.7	648.1	10.67	61.761	
2,000.0	1,998.0	1,939.6	1,935.5	5.6	5.1	-2.83	-69.8	691.4	658.6	647.9	10.69	61.613	
2,090.0	2,087.3	2,023.3	2,018.6	5.9	5.4	-2.52	-74.8	700.1	657.5	646.3	11.17	58.840	
2,100.0	2,097.3	2,034.3	2,029.5	5.9	5.4	-2.48	-75.5	701.3	657.4	646.1	11.24	58.506	
2,185.0	2,181.6	2,125.2	2,119.8	6.1	5.7	-2.14	-80.8	710.0	655.7	643.9	11.76	55.747	
2,200.0	2,196.5	2,140.9	2,135.4	6.2	5.7	-2.08	-81.6	711.5	655.3	643.5	11.85	55.284	
2,280.0	2,275.9	2,210.9	2,205.0	6.4	5.9	-1.84	-85.5	718.2	653.7	641.4	12.31	53.125	
2,300.0	2,295.8	2,226.6	2,220.5	6.5	6.0	-1.78	-86.4	719.9	653.6	641.2	12.41	52.663	
2,306.3	2,302.0	2,231.5	2,225.4	6.5	6.0	-1.77	-86.6	720.5	653.6	641.2	12.45	52.519	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #704H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 861-MWD+IFR1+FDIR, 8939-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,375.0	2,370.2	2,286.4	2,279.8	6.7	6.2	-1.60	-89.6	727.5	654.4	641.5	12.82	51.041	
2,400.0	2,395.0	2,307.3	2,300.4	6.8	6.2	-1.54	-90.7	730.4	655.0	642.0	12.96	50.534	
2,470.0	2,464.5	2,367.8	2,360.1	7.0	6.4	-1.40	-93.7	739.7	657.5	644.1	13.37	49.175	
2,500.0	2,494.3	2,404.8	2,396.7	7.1	6.6	-1.33	-95.3	745.4	658.6	645.0	13.60	48.424	
2,565.0	2,558.8	2,482.9	2,474.0	7.3	6.8	-1.22	-98.2	756.2	659.9	645.8	14.09	46.829	
2,600.0	2,593.5	2,522.9	2,513.6	7.4	7.0	-1.18	-99.3	761.3	660.2	645.8	14.35	46.016	
2,660.0	2,653.1	2,588.2	2,578.5	7.6	7.2	-1.14	-100.9	769.0	660.1	645.3	14.77	44.682	
2,700.0	2,692.8	2,630.4	2,620.4	7.8	7.3	-1.13	-101.8	773.8	659.9	644.8	15.05	43.837	
2,755.0	2,747.4	2,686.2	2,675.8	7.9	7.5	-1.13	-102.7	780.1	659.4	644.0	15.43	42.730	
2,800.0	2,792.0	2,731.3	2,720.7	8.1	7.6	-1.14	-103.4	785.1	659.0	643.3	15.74	41.865	
2,850.0	2,841.7	2,782.2	2,771.2	8.3	7.8	-1.16	-104.0	790.8	658.5	642.4	16.09	40.926	
2,900.0	2,891.3	2,833.1	2,821.8	8.5	8.0	-1.17	-104.7	796.4	658.0	641.5	16.44	40.018	
2,945.0	2,936.0	2,879.5	2,867.9	8.6	8.1	-1.19	-105.3	801.4	657.4	640.6	16.76	39.218	
3,000.0	2,990.6	2,936.3	2,924.4	8.8	8.3	-1.22	-105.8	807.5	656.5	639.4	17.16	38.270	
3,040.0	3,030.3	2,977.9	2,965.7	9.0	8.5	-1.25	-106.2	811.8	655.8	638.4	17.44	37.596	
3,100.0	3,089.8	3,040.6	3,028.2	9.2	8.7	-1.28	-106.8	818.1	654.6	636.7	17.88	36.610	
3,135.0	3,124.5	3,078.0	3,065.3	9.3	8.8	-1.30	-107.1	821.7	653.7	635.6	18.14	36.041	
3,200.0	3,189.1	3,147.0	3,134.1	9.6	9.1	-1.32	-107.9	828.0	651.8	633.1	18.62	35.010	
3,230.0	3,218.8	3,178.8	3,165.7	9.7	9.2	-1.33	-108.2	830.8	650.7	631.9	18.84	34.544	
3,300.0	3,288.3	3,244.0	3,230.7	9.9	9.4	-1.36	-108.7	836.4	648.3	628.9	19.32	33.546	
3,325.0	3,313.1	3,264.7	3,251.3	10.0	9.5	-1.36	-109.0	838.4	647.6	628.1	19.49	33.228	
3,400.0	3,387.6	3,330.3	3,316.5	10.3	9.7	-1.34	-110.3	845.5	646.7	626.7	20.00	32.335	
3,420.0	3,407.4	3,349.6	3,335.7	10.4	9.8	-1.33	-110.8	847.6	646.5	626.4	20.14	32.098	
3,500.0	3,486.8	3,428.7	3,414.2	10.7	10.0	-1.21	-113.4	856.7	646.2	625.4	20.73	31.177	
3,515.0	3,501.7	3,444.3	3,429.7	10.7	10.1	-1.18	-114.1	858.4	646.1	625.2	20.84	31.003	
3,600.0	3,586.1	3,530.8	3,515.6	11.1	10.4	-0.93	-118.3	867.8	645.4	623.9	21.47	30.057	
3,610.0	3,596.0	3,540.6	3,525.3	11.1	10.4	-0.90	-118.8	868.9	645.3	623.8	21.55	29.951	
3,700.0	3,685.3	3,630.8	3,614.8	11.5	10.7	-0.57	-124.1	878.6	644.7	622.5	22.22	29.020	
3,705.0	3,690.3	3,635.9	3,620.0	11.5	10.8	-0.55	-124.4	879.2	644.7	622.4	22.25	28.969	
3,800.0	3,784.6	3,733.0	3,716.3	11.8	11.1	-0.20	-129.9	889.3	643.7	620.7	22.97	28.024	
3,895.0	3,878.9	3,830.5	3,813.2	12.2	11.4	0.13	-135.1	899.3	642.5	618.8	23.69	27.122	
3,900.0	3,883.8	3,835.7	3,818.4	12.2	11.5	0.15	-135.4	899.9	642.4	618.7	23.73	27.075	
3,990.0	3,973.2	3,928.0	3,910.1	12.6	11.8	0.43	-139.8	908.9	640.8	616.4	24.41	26.253	
4,000.0	3,983.1	3,938.2	3,920.2	12.6	11.8	0.45	-140.3	909.9	640.7	616.2	24.49	26.164	
4,085.0	4,067.5	4,025.6	4,007.2	13.0	12.1	0.67	-144.0	918.3	638.9	613.8	25.13	25.421	
4,100.0	4,082.4	4,041.2	4,022.6	13.0	12.2	0.71	-144.6	919.7	638.5	613.3	25.25	25.291	
4,180.0	4,161.8	4,115.0	4,096.1	13.3	12.5	0.89	-147.6	926.8	636.9	611.0	25.83	24.658	
4,200.0	4,181.6	4,132.5	4,113.4	13.4	12.5	0.94	-148.5	928.6	636.6	610.6	25.97	24.515	
4,275.0	4,256.0	4,206.9	4,187.2	13.7	12.8	1.21	-152.7	936.6	636.1	609.6	26.53	23.975	
4,300.0	4,280.9	4,233.9	4,214.1	13.8	12.9	1.30	-154.2	939.4	635.9	609.1	26.73	23.788	
4,370.0	4,350.3	4,299.3	4,279.1	14.1	13.1	1.53	-157.7	946.1	635.1	607.8	27.24	23.313	
4,394.5	4,374.6	4,320.7	4,300.2	14.2	13.2	1.62	-159.0	948.5	635.0	607.6	27.41	23.164	
4,400.0	4,380.1	4,325.5	4,305.0	14.2	13.2	1.64	-159.3	949.0	635.0	607.6	27.45	23.131	
4,465.0	4,444.6	4,382.2	4,361.2	14.5	13.4	1.90	-163.2	955.8	635.5	607.6	27.91	22.770	
4,500.0	4,479.4	4,412.7	4,391.4	14.6	13.5	2.07	-165.7	959.6	636.2	608.0	28.15	22.595	
4,560.0	4,538.9	4,469.7	4,447.6	14.9	13.7	2.44	-171.1	967.1	637.7	609.1	28.60	22.301	
4,600.0	4,578.6	4,512.9	4,490.2	15.0	13.9	2.72	-175.2	972.7	638.7	609.8	28.92	22.087	
4,655.0	4,633.2	4,571.3	4,547.9	15.2	14.1	3.09	-180.5	980.0	639.7	610.4	29.35	21.795	
4,700.0	4,677.9	4,618.4	4,594.6	15.4	14.3	3.37	-184.5	985.7	640.4	610.7	29.70	21.559	
4,750.0	4,727.5	4,671.4	4,647.0	15.6	14.5	3.67	-188.8	992.0	640.9	610.8	30.10	21.295	
4,800.0	4,777.1	4,724.6	4,699.7	15.8	14.7	3.96	-193.0	998.0	641.3	610.8	30.49	21.030	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #704H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 861-MWD+IFR1+FDIR, 8939-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,845.0	4,821.8	4,771.9	4,746.6	16.0	14.8	4.21	-196.7	1,003.2	641.3	610.5	30.84	20.794	
4,900.0	4,876.4	4,825.0	4,799.2	16.2	15.0	4.48	-200.5	1,008.9	641.3	610.0	31.25	20.519	
4,912.0	4,888.3	4,839.7	4,813.8	16.3	15.1	4.55	-201.6	1,010.4	641.2	609.9	31.36	20.451	
4,915.1	4,891.4	4,842.4	4,816.5	16.3	15.1	4.57	-201.8	1,010.7	641.2	609.9	31.38	20.436	
4,940.0	4,916.1	4,864.6	4,838.4	16.4	15.2	4.69	-203.5	1,013.1	641.3	609.7	31.55	20.323	
5,000.0	4,975.6	4,920.0	4,893.3	16.6	15.4	5.03	-208.4	1,019.4	641.9	609.9	31.99	20.066	
5,035.0	5,010.4	4,956.5	4,929.4	16.8	15.5	5.28	-211.8	1,023.6	642.3	610.1	32.26	19.910	
5,100.0	5,074.9	5,028.9	5,001.1	17.0	15.8	5.75	-218.3	1,031.3	642.5	609.8	32.78	19.600	
5,130.0	5,104.7	5,061.4	5,033.3	17.2	15.9	5.95	-221.0	1,034.5	642.4	609.4	33.02	19.457	
5,200.0	5,174.2	5,137.3	5,108.6	17.4	16.2	6.40	-227.1	1,041.7	641.7	608.2	33.57	19.119	
5,225.0	5,199.0	5,164.5	5,135.6	17.5	16.3	6.56	-229.1	1,044.1	641.3	607.6	33.76	18.996	
5,300.0	5,273.4	5,245.3	5,215.9	17.8	16.6	6.99	-234.7	1,050.8	639.7	605.3	34.34	18.626	
5,320.0	5,293.3	5,266.6	5,237.2	17.9	16.6	7.09	-236.1	1,052.5	639.1	604.6	34.50	18.527	
5,400.0	5,372.7	5,351.4	5,321.6	18.2	16.9	7.51	-241.3	1,058.8	636.5	601.4	35.11	18.130	
5,415.0	5,387.6	5,367.2	5,337.3	18.3	17.0	7.58	-242.3	1,059.9	636.0	600.7	35.22	18.055	
5,500.0	5,471.9	5,456.6	5,426.3	18.7	17.3	7.99	-247.2	1,065.9	632.5	596.6	35.87	17.634	
5,510.0	5,481.8	5,467.1	5,436.8	18.7	17.4	8.04	-247.8	1,066.6	632.0	596.1	35.94	17.584	
5,600.0	5,571.2	5,560.1	5,529.5	19.1	17.7	8.47	-252.7	1,072.2	627.8	591.1	36.62	17.143	
5,605.0	5,576.1	5,565.2	5,534.6	19.1	17.7	8.50	-253.0	1,072.6	627.5	590.9	36.66	17.119	
5,700.0	5,670.4	5,660.1	5,629.2	19.5	18.1	8.91	-257.5	1,078.1	622.8	585.4	37.36	16.667	
5,795.0	5,764.7	5,755.0	5,723.8	19.9	18.4	9.29	-261.8	1,083.9	618.1	580.0	38.07	16.234	
5,800.0	5,769.7	5,760.0	5,728.8	19.9	18.4	9.31	-262.0	1,084.2	617.8	579.7	38.11	16.212	
5,890.0	5,859.0	5,851.6	5,820.2	20.3	18.7	9.68	-265.9	1,089.6	613.3	574.5	38.78	15.813	
5,900.0	5,868.9	5,861.8	5,830.4	20.3	18.8	9.72	-266.4	1,090.2	612.7	573.9	38.86	15.769	
5,928.9	5,897.7	5,891.8	5,860.3	20.4	18.9	9.84	-267.6	1,091.9	611.2	572.1	39.06	15.646	
5,985.0	5,953.3	5,950.2	5,918.5	20.6	19.1	10.07	-270.0	1,095.0	608.3	568.8	39.47	15.411	
6,000.0	5,968.2	5,965.7	5,934.0	20.7	19.1	10.13	-270.7	1,095.8	607.6	568.0	39.58	15.350	
6,080.0	6,047.8	6,047.2	6,015.3	21.0	19.4	10.44	-274.0	1,099.9	604.3	564.1	40.16	15.047	
6,100.0	6,067.7	6,067.7	6,035.8	21.1	19.5	10.51	-274.8	1,100.9	603.6	563.3	40.31	14.975	
6,175.0	6,142.5	6,145.1	6,113.1	21.4	19.8	10.78	-277.7	1,104.4	601.5	560.6	40.84	14.728	
6,200.0	6,167.4	6,170.6	6,138.6	21.5	19.9	10.86	-278.7	1,105.5	600.9	559.9	41.02	14.650	
6,270.0	6,237.2	6,241.9	6,209.7	21.7	20.1	11.07	-281.1	1,108.6	599.8	558.3	41.50	14.453	
6,300.0	6,267.2	6,273.4	6,241.2	21.8	20.2	11.16	-282.2	1,109.9	599.6	557.9	41.71	14.375	
6,365.0	6,332.1	6,341.9	6,309.6	22.0	20.5	11.37	-284.6	1,112.3	599.2	557.1	42.14	14.219	
6,400.0	6,367.0	6,379.1	6,346.7	22.2	20.6	11.48	-285.9	1,113.4	599.2	556.8	42.37	14.140	
6,404.3	6,371.3	6,383.7	6,351.3	22.2	20.6	11.49	-286.1	1,113.6	599.2	556.8	42.40	14.131 CC	
6,460.0	6,427.0	6,442.9	6,410.5	22.3	20.8	11.67	-288.2	1,115.1	599.3	556.5	42.75	14.018	
6,500.0	6,467.0	6,485.5	6,453.0	22.5	21.0	11.79	-289.6	1,115.9	599.5	556.5	43.00	13.942	
6,555.0	6,522.0	6,544.0	6,511.5	22.6	21.2	11.96	-291.6	1,116.8	599.9	556.6	43.31	13.852	
6,600.0	6,567.0	6,591.7	6,559.2	22.7	21.3	12.09	-293.1	1,117.2	600.4	556.9	43.56	13.784	
6,629.0	6,596.0	6,622.6	6,590.0	22.7	21.5	110.63	-294.2	1,117.4	600.8	557.1	43.68	13.755	
6,650.0	6,617.0	6,643.9	6,611.4	22.7	21.5	110.69	-294.9	1,117.4	601.1	557.4	43.75	13.740	
6,700.0	6,667.0	6,694.4	6,661.8	22.7	21.7	110.83	-296.4	1,117.6	601.8	557.9	43.92	13.702	
6,745.0	6,712.0	6,739.7	6,707.1	22.8	21.9	110.94	-297.7	1,117.7	602.4	558.3	44.08	13.666	
6,800.0	6,767.0	6,794.7	6,762.1	22.8	22.0	111.07	-299.3	1,117.9	603.1	558.9	44.28	13.621	
6,840.0	6,807.0	6,834.6	6,801.9	22.8	22.2	111.16	-300.4	1,118.0	603.7	559.2	44.42	13.589	
6,900.0	6,867.0	6,894.0	6,861.3	22.8	22.4	111.30	-302.0	1,118.3	604.5	559.9	44.64	13.541	
6,935.0	6,902.0	6,927.3	6,894.7	22.8	22.5	111.37	-302.9	1,118.5	605.0	560.3	44.77	13.514	
7,000.0	6,967.0	6,987.0	6,954.3	22.8	22.7	111.42	-303.9	1,119.5	606.4	561.4	45.02	13.470	
7,030.0	6,997.0	7,013.6	6,980.9	22.8	22.8	111.41	-304.0	1,120.2	607.3	562.1	45.14	13.453	
7,100.0	7,067.0	7,071.3	7,038.5	22.9	23.0	111.35	-304.3	1,122.7	610.2	564.7	45.41	13.436	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #704H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 861-MWD+IFR1+FDIR, 8939-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,125.0	7,092.0	7,091.8	7,059.0	22.9	23.1	111.32	-304.4	1,123.8	611.5	566.0	45.51	13.438	
7,200.0	7,167.0	7,174.4	7,141.5	22.9	23.4	111.17	-304.5	1,128.7	615.7	569.9	45.81	13.440	
7,220.0	7,187.0	7,197.4	7,164.5	22.9	23.5	111.12	-304.4	1,129.8	616.5	570.7	45.89	13.435	
7,300.0	7,267.0	7,287.1	7,254.1	22.9	23.8	110.94	-303.7	1,133.3	619.2	573.0	46.20	13.403	
7,315.0	7,282.0	7,303.8	7,270.8	22.9	23.8	110.91	-303.5	1,133.8	619.6	573.3	46.26	13.395	
7,400.0	7,367.0	7,397.5	7,364.4	23.0	24.1	110.71	-302.1	1,135.9	620.9	574.3	46.57	13.332	
7,410.0	7,377.0	7,407.9	7,374.8	23.0	24.2	110.69	-301.8	1,136.1	621.0	574.4	46.61	13.323	
7,500.0	7,467.0	7,504.4	7,471.3	23.0	24.5	110.45	-299.6	1,137.4	621.4	574.5	46.94	13.239	
7,505.0	7,472.0	7,510.3	7,477.2	23.0	24.5	110.44	-299.5	1,137.4	621.4	574.5	46.95	13.234	
7,600.0	7,567.0	7,621.8	7,588.7	23.0	24.9	110.30	-297.4	1,136.1	619.7	572.5	47.24	13.119	
7,695.0	7,662.0	7,722.2	7,689.0	23.1	25.2	110.32	-296.3	1,132.5	616.2	568.6	47.55	12.959	
7,700.0	7,667.0	7,727.1	7,693.8	23.1	25.2	110.32	-296.2	1,132.3	616.0	568.4	47.56	12.950	
7,790.0	7,757.0	7,809.4	7,776.2	23.1	25.5	110.33	-295.3	1,129.6	612.8	564.9	47.91	12.791	
7,800.0	7,767.0	7,818.1	7,784.8	23.1	25.5	110.33	-295.2	1,129.4	612.6	564.6	47.95	12.775	
7,885.0	7,852.0	7,893.8	7,860.5	23.1	25.7	110.38	-295.3	1,128.1	611.3	563.0	48.28	12.660	
7,900.0	7,867.0	7,907.7	7,874.5	23.1	25.8	110.39	-295.4	1,128.0	611.1	562.8	48.34	12.642	
7,980.0	7,947.0	7,983.9	7,950.6	23.2	26.0	110.49	-296.3	1,127.4	610.9	562.2	48.64	12.560	
8,000.0	7,967.0	8,003.8	7,970.5	23.2	26.1	110.52	-296.6	1,127.3	610.9	562.2	48.71	12.541	
8,075.0	8,042.0	8,079.0	8,045.7	23.2	26.3	110.64	-297.8	1,126.8	610.8	561.8	48.98	12.470	
8,100.0	8,067.0	8,104.3	8,071.0	23.2	26.4	110.68	-298.1	1,126.6	610.8	561.7	49.07	12.447	
8,164.9	8,131.9	8,168.2	8,134.9	23.2	26.6	110.76	-299.0	1,126.1	610.7	561.3	49.31	12.384	
8,170.0	8,137.0	8,173.0	8,139.6	23.2	26.7	110.77	-299.0	1,126.1	610.7	561.3	49.33	12.379	
8,200.0	8,167.0	8,201.0	8,167.7	23.2	26.8	110.81	-299.4	1,126.0	610.7	561.3	49.45	12.351	
8,265.0	8,232.0	8,261.8	8,228.5	23.2	27.0	110.88	-300.3	1,126.1	611.2	561.5	49.69	12.299	
8,300.0	8,267.0	8,294.8	8,261.4	23.3	27.1	110.92	-300.9	1,126.4	611.6	561.8	49.83	12.274	
8,360.0	8,327.0	8,351.9	8,318.6	23.3	27.3	110.99	-301.8	1,127.0	612.6	562.6	50.06	12.238	
8,400.0	8,367.0	8,391.5	8,358.2	23.3	27.4	111.03	-302.5	1,127.6	613.4	563.2	50.21	12.216	
8,455.0	8,422.0	8,447.5	8,414.1	23.3	27.6	111.07	-303.4	1,128.4	614.4	564.0	50.42	12.186	
8,500.0	8,467.0	8,496.4	8,463.0	23.3	27.8	111.10	-303.9	1,129.0	615.1	564.5	50.59	12.159	
8,550.0	8,517.0	8,549.3	8,515.9	23.3	28.0	111.12	-304.3	1,129.3	615.5	564.7	50.78	12.122	
8,600.0	8,567.0	8,600.4	8,567.0	23.4	28.2	111.13	-304.5	1,129.5	615.8	564.8	50.97	12.082	
8,645.0	8,612.0	8,648.3	8,614.9	23.4	28.3	111.15	-304.7	1,129.6	615.9	564.8	51.13	12.046	
8,700.0	8,667.0	8,708.8	8,675.4	23.4	28.5	111.15	-304.7	1,129.3	615.7	564.4	51.32	11.996	
8,740.0	8,707.0	8,751.1	8,717.7	23.4	28.7	111.16	-304.5	1,128.9	615.3	563.8	51.46	11.956	
8,800.0	8,767.0	8,813.8	8,780.4	23.4	28.9	111.17	-304.3	1,128.0	614.4	562.7	51.67	11.891	
8,835.0	8,802.0	8,848.8	8,815.4	23.4	29.0	111.17	-304.1	1,127.4	613.8	562.0	51.79	11.850	
8,900.0	8,867.0	8,915.5	8,882.1	23.5	29.1	111.19	-303.9	1,126.2	612.6	560.7	51.92	11.800	
8,930.0	8,897.0	8,946.5	8,913.1	23.5	29.1	111.21	-303.8	1,125.5	612.0	560.0	51.96	11.778	
9,000.0	8,967.0	9,022.4	8,989.0	23.5	29.1	111.17	-302.7	1,123.9	610.2	558.3	51.95	11.747	
9,025.0	8,992.0	9,051.6	9,018.0	23.5	29.1	110.93	-300.0	1,123.9	609.4	557.4	51.94	11.732	
9,100.0	9,067.0	9,125.4	9,090.2	23.5	29.1	109.56	-285.4	1,126.3	606.5	554.4	52.08	11.645	
9,120.0	9,087.0	9,144.0	9,108.1	23.5	29.1	109.05	-280.1	1,127.6	605.9	553.7	52.14	11.621	
9,165.2	9,132.2	9,172.8	9,135.2	23.6	29.1	108.14	-270.9	1,130.3	605.2	552.9	52.33	11.567 ES	
9,200.0	9,167.0	9,192.0	9,153.0	23.6	29.1	107.46	-264.1	1,132.7	605.6	553.2	52.46	11.544	
9,215.0	9,182.0	9,203.7	9,163.6	23.6	29.1	107.01	-259.7	1,134.3	606.1	553.6	52.51	11.542	
9,300.0	9,267.0	9,259.7	9,213.1	23.6	29.2	104.55	-235.5	1,144.8	611.8	559.1	52.73	11.602	
9,310.0	9,277.0	9,268.2	9,220.3	23.6	29.2	104.13	-231.4	1,146.5	612.7	560.0	52.75	11.615	
9,400.0	9,367.0	9,346.3	9,283.3	23.6	29.2	99.89	-188.4	1,163.1	623.2	570.3	52.88	11.786	
9,405.0	9,372.0	9,349.8	9,286.0	23.7	29.2	99.69	-186.4	1,163.9	623.9	571.0	52.88	11.799	
9,500.0	9,467.0	9,414.7	9,336.0	23.7	29.2	95.96	-147.5	1,178.2	640.6	587.8	52.79	12.135	
9,595.0	9,562.0	9,463.8	9,372.7	23.7	29.2	93.13	-117.1	1,189.9	664.2	611.7	52.44	12.665	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #704H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 861-MWD+IFR1+FDIR, 8939-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Rule Assigned: Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,600.0	9,567.0	9,466.1	9,374.4	23.7	29.2	92.99	-115.7	1,190.5	665.6	613.2	52.42	12.699	
9,690.0	9,657.0	9,509.9	9,405.4	23.8	29.2	90.41	-87.1	1,202.3	695.4	643.5	51.90	13.400	
9,700.0	9,667.0	9,522.0	9,413.7	23.8	29.2	89.68	-78.9	1,205.6	699.2	647.3	51.87	13.478	
9,785.0	9,752.0	9,552.1	9,433.4	23.8	29.2	87.86	-57.9	1,214.1	733.6	682.4	51.19	14.330	
9,800.0	9,767.0	9,558.2	9,437.3	23.8	29.2	87.49	-53.5	1,215.9	740.3	689.2	51.07	14.495	
9,880.0	9,847.0	9,571.0	9,445.3	23.8	29.2	86.70	-44.2	1,219.5	778.9	728.6	50.26	15.496	
9,900.0	9,867.0	9,587.3	9,455.2	23.8	29.3	85.70	-32.2	1,224.4	789.0	738.9	50.15	15.733	
9,974.1	9,941.0	9,618.0	9,472.6	23.9	29.3	83.83	-9.0	1,234.6	830.2	780.7	49.53	16.763	
9,975.0	9,942.0	9,618.0	9,472.6	23.9	29.3	83.90	-9.0	1,234.6	830.8	781.2	49.52	16.777	
10,000.0	9,967.0	9,618.0	9,472.6	23.9	29.3	82.15	-9.0	1,234.6	845.2	795.9	49.25	17.162	
10,050.0	10,016.8	9,618.0	9,472.6	23.8	29.3	78.48	-9.0	1,234.6	875.0	826.3	48.74	17.955	
10,070.0	10,036.5	9,618.0	9,472.6	23.8	29.3	76.96	-9.0	1,234.6	887.3	838.8	48.55	18.278	
10,100.0	10,066.0	9,618.0	9,472.6	23.8	29.3	74.64	-9.0	1,234.6	906.0	857.7	48.27	18.768	
10,150.0	10,114.2	9,645.6	9,487.1	23.8	29.3	69.81	12.1	1,244.7	936.6	888.6	48.09	19.477	
10,165.0	10,128.5	9,649.4	9,489.0	23.8	29.3	68.58	15.1	1,246.2	945.9	897.9	48.01	19.702	
10,200.0	10,161.2	9,666.0	9,497.0	23.8	29.3	65.62	28.1	1,252.8	967.7	919.8	47.91	20.199	
10,250.0	10,206.4	9,675.8	9,501.6	23.8	29.3	61.98	35.8	1,256.8	998.2	950.5	47.70	20.927	
10,260.0	10,215.3	9,680.4	9,503.8	23.8	29.3	61.25	39.4	1,258.7	1,004.2	956.5	47.68	21.060	
10,300.0	10,249.7	9,699.0	9,512.2	23.8	29.3	58.47	54.1	1,266.4	1,027.9	980.2	47.65	21.573	
10,350.0	10,290.6	9,732.4	9,526.8	23.8	29.3	55.34	80.8	1,280.2	1,056.4	1,008.6	47.73	22.134	
10,355.0	10,294.5	9,737.3	9,528.9	23.8	29.3	55.05	84.7	1,282.1	1,059.1	1,011.4	47.75	22.181	
10,400.0	10,328.8	9,760.0	9,538.3	23.8	29.4	52.68	103.4	1,290.9	1,082.9	1,035.1	47.80	22.654	
10,450.0	10,364.1	9,789.2	9,549.7	23.8	29.4	50.39	127.9	1,301.9	1,107.7	1,059.8	47.92	23.113	
10,500.0	10,396.2	9,807.0	9,556.1	23.8	29.4	48.41	143.1	1,308.6	1,131.1	1,083.0	48.01	23.557	
10,545.0	10,422.1	9,826.9	9,562.6	23.8	29.4	46.89	160.3	1,316.1	1,150.7	1,102.6	48.15	23.896	
10,550.0	10,424.8	9,828.8	9,563.2	23.8	29.4	46.73	162.0	1,316.9	1,152.8	1,104.7	48.17	23.932	
10,600.0	10,449.7	9,855.0	9,570.9	23.8	29.4	45.36	185.0	1,326.8	1,173.0	1,124.6	48.39	24.240	
10,640.0	10,466.9	9,877.0	9,576.9	23.8	29.5	44.46	204.5	1,335.2	1,187.6	1,139.0	48.60	24.438	
10,650.0	10,470.7	9,887.1	9,579.6	23.8	29.5	44.31	213.4	1,338.9	1,191.0	1,142.3	48.68	24.467	
10,700.0	10,487.8	9,928.2	9,590.0	23.9	29.5	43.63	250.3	1,353.6	1,206.3	1,157.2	49.05	24.595	
10,735.0	10,497.2	9,950.0	9,595.0	23.9	29.6	43.22	270.2	1,361.0	1,215.4	1,166.1	49.28	24.663	
10,750.0	10,500.6	9,950.0	9,595.0	23.9	29.6	42.96	270.2	1,361.0	1,219.0	1,169.7	49.34	24.708	
10,800.0	10,509.2	9,979.0	9,600.5	24.0	29.6	42.57	297.1	1,370.4	1,229.6	1,179.9	49.69	24.745	
10,830.0	10,512.3	9,997.0	9,603.1	24.0	29.6	42.42	314.0	1,376.0	1,235.1	1,185.2	49.91	24.745	
10,850.0	10,513.5	9,997.0	9,603.1	24.0	29.6	42.20	314.0	1,376.0	1,238.3	1,188.3	50.02	24.758	
10,872.1	10,514.0	9,997.0	9,603.1	24.0	29.6	41.98	314.0	1,376.0	1,241.6	1,191.5	50.13	24.770	
10,900.0	10,514.1	10,014.1	9,604.9	24.1	29.6	42.22	330.2	1,381.3	1,245.6	1,195.8	49.80	25.012	
10,925.0	10,514.2	10,021.7	9,605.6	24.1	29.7	42.32	337.4	1,383.7	1,249.6	1,199.8	49.83	25.077	
11,000.0	10,514.4	10,045.0	9,606.8	24.2	29.7	42.61	359.4	1,391.1	1,263.7	1,213.8	49.94	25.306	
11,020.0	10,514.5	10,045.0	9,606.8	24.2	29.7	42.61	359.4	1,391.1	1,268.0	1,218.1	49.94	25.391	
11,100.0	10,514.8	10,098.6	9,608.0	24.3	29.8	43.26	409.8	1,409.2	1,286.2	1,236.0	50.24	25.600	
11,115.0	10,514.9	10,106.7	9,608.1	24.3	29.8	43.36	417.4	1,412.1	1,289.9	1,239.6	50.29	25.647	
11,200.0	10,515.1	10,181.7	9,608.9	24.4	29.9	44.29	487.2	1,439.6	1,311.9	1,261.2	50.75	25.852	
11,210.0	10,515.2	10,200.8	9,608.9	24.5	30.0	44.50	505.1	1,446.2	1,314.4	1,263.6	50.85	25.848	
18,100.0	10,539.3	17,487.5	9,649.5	62.4	73.3	47.37	7,754.8	1,507.6	1,319.0	1,186.2	132.88	9.927	
18,145.0	10,539.5	17,529.7	9,650.1	62.8	73.6	47.36	7,796.9	1,506.6	1,318.0	1,184.4	133.54	9.870	
18,200.0	10,539.7	17,583.6	9,650.3	63.1	74.0	47.32	7,850.8	1,504.9	1,316.7	1,182.4	134.34	9.801	
18,240.0	10,539.8	17,624.5	9,650.2	63.4	74.4	47.26	7,891.7	1,503.2	1,315.8	1,180.9	134.93	9.752	
18,300.0	10,540.0	17,679.4	9,649.4	63.8	74.8	47.16	7,946.5	1,500.6	1,314.5	1,178.7	135.80	9.680	
18,335.0	10,540.2	17,708.6	9,648.8	64.1	75.0	47.09	7,975.7	1,499.2	1,314.0	1,177.7	136.30	9.640	
18,400.0	10,540.4	17,766.7	9,647.3	64.6	75.5	46.97	8,033.7	1,496.6	1,313.2	1,176.0	137.23	9.569	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #704H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 861-MWD+IFR1+FDIR, 8939-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Rule Assigned:

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
18,430.0	10,540.5	17,797.0	9,646.4	64.8	75.7	46.90	8,064.0	1,495.2	1,313.0	1,175.3	137.67	9.537	
18,500.0	10,540.7	17,839.0	9,645.1	65.3	76.1	46.79	8,105.9	1,493.2	1,312.6	1,174.0	138.62	9.469	
18,503.3	10,540.8	17,858.1	9,644.4	65.3	76.2	46.75	8,125.0	1,492.4	1,312.4	1,173.7	138.71	9.461	
18,508.8	10,540.8	17,861.4	9,644.3	65.3	76.2	46.74	8,128.3	1,492.3	1,312.4	1,173.6	138.79	9.456	
18,525.0	10,540.8	17,871.2	9,644.0	65.4	76.3	46.72	8,138.1	1,491.9	1,312.5	1,173.5	139.00	9.442	
18,600.0	10,541.1	17,934.0	9,641.3	66.0	76.8	46.60	8,200.8	1,490.9	1,314.0	1,174.0	140.06	9.382	
18,620.0	10,541.2	17,934.0	9,641.3	66.1	76.8	46.60	8,200.8	1,490.9	1,314.5	1,174.2	140.26	9.372	
18,700.0	10,541.4	18,004.2	9,637.9	66.7	77.4	46.49	8,270.9	1,491.0	1,317.5	1,176.1	141.38	9.319	
18,715.0	10,541.5	18,019.0	9,637.2	66.8	77.5	46.47	8,285.7	1,491.1	1,318.1	1,176.5	141.60	9.308	
22,300.0	10,554.1	21,739.5	9,693.7	92.9	107.6	48.99	12,003.0	1,521.0	1,318.8	1,122.1	196.71	6.704	
22,325.0	10,554.2	21,760.1	9,694.9	93.0	107.8	49.01	12,023.6	1,520.3	1,317.3	1,120.1	197.13	6.682	
22,400.0	10,554.4	21,822.0	9,698.3	93.6	108.3	49.07	12,085.4	1,518.5	1,313.3	1,114.9	198.35	6.621	
22,420.0	10,554.5	21,839.7	9,699.1	93.7	108.4	49.08	12,103.1	1,518.1	1,312.3	1,113.6	198.67	6.605	
22,436.1	10,554.5	21,853.8	9,699.8	93.9	108.5	49.09	12,117.2	1,517.7	1,311.6	1,112.6	198.92	6.593	
22,500.0	10,554.8	21,915.0	9,702.6	94.3	109.1	49.14	12,178.3	1,516.2	1,308.7	1,108.8	199.93	6.546	
22,515.0	10,554.8	21,915.0	9,702.6	94.4	109.1	49.14	12,178.3	1,516.2	1,308.1	1,107.9	200.20	6.534	
22,556.7	10,555.0	21,915.0	9,702.6	94.7	109.1	49.14	12,178.3	1,516.2	1,307.5	1,106.6	200.82	6.510	
22,566.0	10,555.0	21,915.0	9,702.6	94.8	109.1	49.14	12,178.3	1,516.2	1,307.5	1,106.6	200.94	6.507	
22,566.5	10,555.0	21,915.0	9,702.6	94.8	109.1	49.14	12,178.3	1,516.2	1,307.5	1,106.5	200.95	6.507 SF	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	2.0	2.0	3.0	3.0	93.08	-32.3	599.7	600.6				
95.0	95.0	96.1	96.1	3.0	3.0	93.03	-31.7	599.8	600.7	594.6	6.02	99.817	
100.0	100.0	101.0	101.0	3.0	3.0	93.02	-31.7	599.8	600.7	594.7	6.02	99.771	
190.0	190.0	191.7	191.7	3.1	3.0	92.89	-30.3	600.0	600.8	594.6	6.13	98.046	
200.0	200.0	201.6	201.6	3.1	3.0	92.88	-30.1	600.0	600.8	594.6	6.14	97.772	
285.0	285.0	287.4	287.4	3.3	3.0	92.71	-28.4	600.1	600.7	594.5	6.25	96.184	
300.0	300.0	302.2	302.2	3.3	3.0	92.69	-28.1	600.1	600.7	594.5	6.27	95.871	
380.0	380.0	384.8	384.8	3.4	3.0	92.58	-27.0	599.9	600.5	594.1	6.36	94.426	
400.0	400.0	405.8	405.7	3.4	3.0	92.56	-26.9	599.8	600.4	594.0	6.38	94.035	
475.0	475.0	487.1	487.1	3.5	3.0	92.53	-26.5	598.8	599.5	593.0	6.47	92.620	
500.0	500.0	514.4	514.4	3.5	3.0	92.53	-26.4	598.3	599.1	592.6	6.50	92.105	
570.0	570.0	596.9	596.8	3.6	3.1	92.52	-26.2	595.8	596.8	590.3	6.59	90.612	
600.0	600.0	629.3	629.2	3.6	3.1	92.52	-26.2	594.3	595.5	588.9	6.62	89.898	
665.0	665.0	694.8	694.6	3.7	3.1	92.53	-26.2	591.2	592.4	585.7	6.70	88.362	
700.0	700.0	727.9	727.7	3.8	3.1	92.54	-26.2	589.7	590.8	584.1	6.75	87.534	
760.0	760.0	782.4	782.2	3.8	3.1	92.55	-26.2	587.6	588.6	581.7	6.83	86.235	
800.0	800.0	820.5	820.2	3.9	3.1	92.56	-26.2	586.4	587.2	580.4	6.88	85.391	
855.0	855.0	876.4	876.1	4.0	3.1	92.57	-26.2	584.5	585.4	578.4	6.95	84.260	
900.0	900.0	922.6	922.2	4.0	3.1	92.58	-26.3	582.9	583.8	576.8	7.01	83.319	
950.0	950.0	971.5	971.1	4.1	3.2	92.62	-26.6	581.2	582.1	575.1	7.07	82.323	
1,000.0	1,000.0	1,020.6	1,020.2	4.1	3.2	92.83	-28.7	579.6	580.6	573.4	7.13	81.382	
1,045.0	1,045.0	1,066.5	1,066.0	4.2	3.2	93.08	-31.1	578.0	579.1	571.9	7.19	80.566	
1,100.0	1,100.0	1,122.5	1,121.9	4.2	3.2	93.39	-34.1	575.9	577.3	570.0	7.26	79.552	
1,140.0	1,140.0	1,161.3	1,160.6	4.3	3.2	93.61	-36.2	574.5	575.9	568.6	7.30	78.842	
1,200.0	1,200.0	1,222.0	1,221.1	4.4	3.2	93.95	-39.5	572.3	574.0	566.6	7.38	77.789	
1,235.0	1,235.0	1,255.8	1,254.8	4.4	3.2	94.15	-41.4	571.1	572.8	565.4	7.42	77.190	
1,300.0	1,300.0	1,311.2	1,310.1	4.5	3.2	94.53	-45.1	569.6	571.4	563.9	7.50	76.220	
1,330.0	1,330.0	1,340.7	1,339.6	4.5	3.2	94.75	-47.2	569.0	571.0	563.5	7.53	75.827	
1,400.0	1,400.0	1,410.6	1,409.2	4.6	3.3	95.27	-52.4	567.6	570.0	562.4	7.61	74.897	
1,425.0	1,425.0	1,436.2	1,434.7	4.6	3.3	95.47	-54.3	567.1	569.7	562.1	7.64	74.577	
1,500.0	1,500.0	1,513.0	1,511.3	4.7	3.3	96.06	-60.0	565.4	568.7	561.0	7.73	73.611	
1,520.0	1,520.0	1,533.7	1,531.9	4.7	3.3	-2.24	-61.5	564.9	568.3	560.5	7.77	73.143	
1,600.0	1,600.0	1,616.0	1,614.0	4.8	3.3	-1.65	-67.1	562.7	565.1	557.1	7.95	71.063	
1,615.0	1,615.0	1,631.1	1,629.1	4.8	3.3	-1.55	-68.2	562.2	564.2	556.2	8.00	70.540	
1,700.0	1,699.8	1,716.7	1,714.5	5.0	3.4	-0.98	-73.5	559.6	557.6	549.3	8.27	67.446	
1,710.0	1,709.8	1,726.8	1,724.5	5.0	3.4	-0.91	-74.2	559.3	556.6	548.4	8.30	67.068	
1,800.0	1,799.5	1,800.0	1,797.6	5.2	3.4	-0.41	-78.9	557.5	547.4	538.8	8.59	63.719	
1,805.0	1,804.4	1,805.1	1,802.6	5.2	3.4	-0.37	-79.2	557.5	546.9	538.3	8.60	63.596	
1,850.0	1,849.2	1,846.5	1,844.0	5.3	3.4	-0.08	-82.1	557.6	542.2	533.6	8.68	62.503	
1,900.0	1,898.8	1,892.3	1,889.7	5.4	3.4	0.22	-85.0	558.0	537.1	528.3	8.76	61.317	
1,995.0	1,993.0	1,980.3	1,977.5	5.6	3.5	0.79	-90.5	559.5	528.0	519.0	9.01	58.638	
2,000.0	1,998.0	1,985.2	1,982.4	5.6	3.5	0.82	-90.8	559.6	527.6	518.6	9.02	58.503	
2,090.0	2,087.3	2,074.6	2,071.6	5.9	3.5	1.39	-96.2	562.0	519.8	510.6	9.27	56.069	
2,100.0	2,097.3	2,084.7	2,081.7	5.9	3.5	1.45	-96.8	562.2	519.0	509.7	9.30	55.801	
2,185.0	2,181.6	2,165.3	2,162.1	6.1	3.5	1.98	-101.7	564.3	511.7	502.1	9.55	53.555	
2,200.0	2,196.5	2,178.8	2,175.5	6.2	3.6	2.07	-102.5	564.7	510.5	500.9	9.60	53.182	
2,280.0	2,275.9	2,247.9	2,244.4	6.4	3.6	2.52	-106.8	567.9	505.2	495.4	9.85	51.316	
2,300.0	2,295.8	2,266.1	2,262.6	6.5	3.6	2.64	-107.9	568.9	504.2	494.3	9.91	50.884	
2,375.0	2,370.2	2,335.4	2,331.6	6.7	3.6	3.07	-112.3	573.5	500.8	490.6	10.15	49.332	
2,400.0	2,395.0	2,361.4	2,357.4	6.8	3.6	3.24	-114.0	575.2	499.7	489.5	10.24	48.825	
2,470.0	2,464.5	2,433.7	2,429.5	7.0	3.6	3.68	-118.4	580.1	496.6	486.2	10.48	47.401	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,500.0	2,494.3	2,465.5	2,461.1	7.1	3.7	3.87	-120.2	582.1	495.2	484.6	10.58	46.792	
2,565.0	2,558.8	2,533.8	2,529.3	7.3	3.7	4.23	-123.6	586.0	491.7	480.9	10.82	45.455	
2,600.0	2,593.5	2,569.8	2,565.2	7.4	3.7	4.41	-125.3	588.0	489.6	478.7	10.94	44.742	
2,660.0	2,653.1	2,630.4	2,625.6	7.6	3.7	4.69	-127.9	591.1	486.0	474.8	11.16	43.528	
2,700.0	2,692.8	2,670.1	2,665.3	7.8	3.7	4.87	-129.6	593.2	483.5	472.2	11.31	42.742	
2,755.0	2,747.4	2,725.0	2,720.0	7.9	3.8	5.12	-131.8	596.1	480.2	468.7	11.52	41.678	
2,800.0	2,792.0	2,769.3	2,764.2	8.1	3.8	5.32	-133.6	598.5	477.5	465.8	11.69	40.835	
2,850.0	2,841.7	2,819.5	2,814.3	8.3	3.8	5.53	-135.5	601.3	474.5	462.6	11.89	39.918	
2,900.0	2,891.3	2,870.0	2,864.7	8.5	3.8	5.73	-137.3	604.0	471.5	459.5	12.08	39.022	
2,945.0	2,936.0	2,914.3	2,908.8	8.6	3.9	5.91	-138.8	606.4	468.8	456.6	12.26	38.233	
3,000.0	2,990.6	2,968.9	2,963.3	8.8	3.9	6.13	-140.7	609.5	465.6	453.1	12.48	37.296	
3,040.0	3,030.3	3,009.0	3,003.4	9.0	3.9	6.28	-142.0	611.7	463.2	450.6	12.65	36.631	
3,100.0	3,089.8	3,069.9	3,064.2	9.2	3.9	6.55	-144.3	615.1	459.7	446.8	12.89	35.660	
3,135.0	3,124.5	3,107.7	3,101.9	9.3	4.0	6.82	-146.4	616.7	457.4	444.4	13.04	35.089	
3,200.0	3,189.1	3,172.6	3,166.6	9.6	4.0	7.36	-150.5	619.2	453.1	439.7	13.31	34.051	
3,230.0	3,218.8	3,201.8	3,195.7	9.7	4.0	7.60	-152.4	620.3	451.1	437.6	13.43	33.586	
3,300.0	3,288.3	3,272.5	3,266.2	9.9	4.1	8.20	-156.8	623.0	446.4	432.6	13.72	32.525	
3,325.0	3,313.1	3,297.5	3,291.2	10.0	4.1	8.42	-158.3	623.9	444.7	430.9	13.83	32.157	
3,400.0	3,387.6	3,373.7	3,367.1	10.3	4.2	9.08	-163.1	626.7	439.6	425.5	14.15	31.080	
3,420.0	3,407.4	3,394.1	3,387.5	10.4	4.2	9.27	-164.4	627.4	438.2	424.0	14.23	30.797	
3,500.0	3,486.8	3,474.8	3,468.1	10.7	4.2	9.97	-169.1	630.1	432.6	418.0	14.57	29.693	
3,515.0	3,501.7	3,489.6	3,482.8	10.7	4.2	10.09	-169.9	630.5	431.5	416.9	14.63	29.488	
3,600.0	3,586.1	3,575.0	3,568.0	11.1	4.3	10.82	-174.6	633.2	425.3	410.3	15.00	28.360	
3,610.0	3,596.0	3,584.8	3,577.8	11.1	4.3	10.91	-175.1	633.5	424.6	409.6	15.04	28.230	
3,700.0	3,685.3	3,675.8	3,668.7	11.5	4.4	11.67	-179.8	636.3	418.0	402.6	15.43	27.094	
3,705.0	3,690.3	3,680.7	3,673.5	11.5	4.4	11.71	-180.0	636.4	417.6	402.2	15.45	27.032	
3,800.0	3,784.6	3,774.8	3,767.4	11.8	4.5	12.53	-184.8	639.3	410.7	394.8	15.86	25.895	
3,895.0	3,878.9	3,868.5	3,861.0	12.2	4.6	13.37	-189.6	642.2	403.8	387.6	16.27	24.819	
3,900.0	3,883.8	3,873.4	3,865.9	12.2	4.6	13.41	-189.8	642.3	403.5	387.2	16.29	24.765	
3,990.0	3,973.2	3,964.2	3,956.5	12.6	4.6	14.21	-194.2	645.3	397.1	380.5	16.68	23.806	
4,000.0	3,983.1	3,974.1	3,966.4	12.6	4.7	14.30	-194.7	645.6	396.4	379.7	16.73	23.702	
4,085.0	4,067.5	4,058.3	4,050.4	13.0	4.7	15.07	-198.7	648.3	390.5	373.4	17.09	22.845	
4,100.0	4,082.4	4,073.0	4,065.2	13.0	4.7	15.21	-199.4	648.8	389.5	372.3	17.16	22.698	
4,180.0	4,161.8	4,152.0	4,144.0	13.3	4.8	15.99	-203.5	651.3	384.2	366.6	17.51	21.945	
4,200.0	4,181.6	4,172.0	4,164.0	13.4	4.8	16.21	-204.7	651.9	382.8	365.2	17.59	21.764	
4,275.0	4,256.0	4,245.5	4,237.3	13.7	4.9	17.01	-208.8	654.4	378.1	360.2	17.91	21.109	
4,300.0	4,280.9	4,270.6	4,262.4	13.8	4.9	17.28	-210.2	655.2	376.5	358.5	18.02	20.899	
4,370.0	4,350.3	4,340.8	4,332.4	14.1	5.0	18.07	-214.1	657.5	372.1	353.8	18.31	20.322	
4,400.0	4,380.1	4,370.2	4,361.7	14.2	5.0	18.41	-215.8	658.4	370.3	351.8	18.44	20.082	
4,465.0	4,444.6	4,434.6	4,426.0	14.5	5.1	19.15	-219.5	660.6	366.4	347.7	18.71	19.582	
4,500.0	4,479.4	4,469.2	4,460.6	14.6	5.1	19.56	-221.4	661.7	364.3	345.5	18.86	19.321	
4,560.0	4,538.9	4,528.4	4,519.6	14.9	5.2	20.26	-224.8	663.8	360.9	341.8	19.10	18.891	
4,600.0	4,578.6	4,570.1	4,561.2	15.0	5.2	20.79	-227.3	665.1	358.6	339.3	19.26	18.616	
4,655.0	4,633.2	4,630.4	4,621.3	15.2	5.3	21.78	-231.6	665.8	354.8	335.4	19.46	18.233	
4,700.0	4,677.9	4,675.0	4,665.8	15.4	5.3	22.61	-235.1	665.7	351.5	331.9	19.62	17.915	
4,750.0	4,727.5	4,724.2	4,714.8	15.6	5.4	23.55	-239.1	665.6	347.9	328.1	19.79	17.577	
4,800.0	4,777.1	4,774.3	4,764.7	15.8	5.4	24.53	-243.1	665.6	344.4	324.5	19.96	17.257	
4,845.0	4,821.8	4,818.1	4,808.5	16.0	5.5	25.41	-246.6	665.5	341.4	321.3	20.10	16.980	
4,900.0	4,876.4	4,873.0	4,863.2	16.2	5.5	26.53	-251.1	665.4	337.8	317.5	20.28	16.660	
4,940.0	4,916.1	4,919.2	4,909.2	16.4	5.6	27.46	-254.5	665.2	335.1	314.7	20.38	16.443	
5,000.0	4,975.6	4,987.6	4,977.6	16.6	5.6	28.59	-256.9	664.1	329.0	308.5	20.52	16.033	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,035.0	5,010.4	5,021.6	5,011.6	16.8	5.7	29.15	-257.9	663.4	325.3	304.7	20.62	15.774	
5,100.0	5,074.9	5,085.9	5,075.8	17.0	5.7	30.22	-259.7	662.3	318.6	297.8	20.80	15.318	
5,130.0	5,104.7	5,116.1	5,106.0	17.2	5.8	30.74	-260.5	661.7	315.5	294.6	20.87	15.115	
5,200.0	5,174.2	5,184.9	5,174.8	17.4	5.8	31.97	-262.5	660.5	308.5	287.5	21.05	14.656	
5,225.0	5,199.0	5,209.5	5,199.4	17.5	5.8	32.42	-263.1	660.1	306.0	284.9	21.11	14.498	
5,300.0	5,273.4	5,283.1	5,272.9	17.8	5.9	33.80	-265.2	658.8	298.8	277.5	21.28	14.040	
5,320.0	5,293.3	5,302.8	5,292.6	17.9	5.9	34.17	-265.7	658.5	296.9	275.6	21.32	13.924	
5,400.0	5,372.7	5,382.3	5,372.0	18.2	6.0	35.74	-268.0	657.3	289.6	268.1	21.48	13.479	
5,415.0	5,387.6	5,396.6	5,386.4	18.3	6.0	36.04	-268.4	657.1	288.2	266.7	21.51	13.399	
5,500.0	5,471.9	5,481.3	5,471.0	18.7	6.1	37.83	-270.9	655.8	280.8	259.1	21.65	12.970	
5,510.0	5,481.8	5,491.0	5,480.7	18.7	6.1	38.04	-271.2	655.7	279.9	258.3	21.67	12.921	
5,600.0	5,571.2	5,580.2	5,569.8	19.1	6.2	40.03	-273.8	654.4	272.5	250.7	21.78	12.509	
5,605.0	5,576.1	5,585.1	5,574.8	19.1	6.2	40.15	-274.0	654.3	272.1	250.3	21.79	12.488	
5,700.0	5,670.4	5,679.4	5,669.0	19.5	6.3	42.39	-276.8	652.9	264.5	242.7	21.87	12.098	
5,795.0	5,764.7	5,777.8	5,767.3	19.9	6.4	44.82	-279.3	651.3	257.1	235.3	21.88	11.752	
5,800.0	5,769.7	5,782.9	5,772.4	19.9	6.4	44.93	-279.3	651.3	256.7	234.8	21.88	11.731	
5,890.0	5,859.0	5,873.4	5,862.9	20.3	6.5	46.89	-279.3	650.4	248.5	226.7	21.87	11.362	
5,900.0	5,868.9	5,883.3	5,872.8	20.3	6.5	47.12	-279.3	650.3	247.6	225.8	21.87	11.322	
5,928.9	5,897.7	5,911.8	5,901.3	20.4	6.5	47.76	-279.2	650.0	245.0	223.2	21.85	11.213	
5,985.0	5,953.3	5,967.3	5,956.9	20.6	6.5	48.98	-279.2	649.5	240.3	218.5	21.81	11.015	
6,000.0	5,968.2	5,982.2	5,971.7	20.7	6.5	49.30	-279.2	649.3	239.1	217.3	21.81	10.965	
6,080.0	6,047.8	6,061.4	6,050.9	21.0	6.5	50.95	-279.2	648.5	233.4	211.6	21.77	10.723	
6,100.0	6,067.7	6,081.4	6,070.9	21.1	6.5	51.36	-279.2	648.2	232.1	210.4	21.76	10.669	
6,175.0	6,142.5	6,155.2	6,144.7	21.4	6.6	52.76	-279.4	647.4	227.9	206.2	21.73	10.488	
6,200.0	6,167.4	6,179.8	6,169.3	21.5	6.6	53.21	-279.6	647.2	226.8	205.0	21.73	10.435	
6,270.0	6,237.2	6,248.9	6,238.4	21.7	6.7	54.45	-280.3	646.3	224.1	202.4	21.72	10.319	
6,300.0	6,267.2	6,277.6	6,267.1	21.8	6.7	54.93	-280.7	645.9	223.3	201.6	21.73	10.275	
6,365.0	6,332.1	6,341.8	6,331.3	22.0	6.8	55.94	-281.8	645.1	222.1	200.3	21.74	10.213	
6,400.0	6,367.0	6,376.8	6,366.3	22.2	6.8	56.46	-282.6	644.6	221.7	199.9	21.75	10.192	
6,460.0	6,427.0	6,436.6	6,426.1	22.3	6.9	57.28	-283.8	643.6	221.3	199.5	21.76	10.167	
6,482.5	6,449.5	6,459.1	6,448.5	22.4	6.9	57.56	-284.3	643.2	221.2	199.5	21.77	10.161	
6,500.0	6,467.0	6,476.2	6,465.6	22.5	6.9	57.77	-284.7	642.9	221.3	199.5	21.79	10.157	
6,555.0	6,522.0	6,531.9	6,521.3	22.6	7.0	58.37	-286.0	641.8	221.5	199.7	21.80	10.160	
6,600.0	6,567.0	6,576.9	6,566.2	22.7	7.0	58.80	-287.0	640.8	221.8	200.0	21.83	10.162	
6,629.0	6,596.0	6,606.1	6,595.5	22.7	7.0	157.50	-287.7	640.2	222.1	200.3	21.82	10.179	
6,650.0	6,617.0	6,627.2	6,616.5	22.7	7.1	157.66	-288.1	639.6	222.4	200.6	21.81	10.194	
6,700.0	6,667.0	6,677.3	6,666.6	22.7	7.1	158.05	-289.2	638.5	222.9	201.1	21.80	10.227	
6,745.0	6,712.0	6,721.8	6,711.2	22.8	7.2	158.39	-290.2	637.4	223.5	201.7	21.79	10.254	
6,800.0	6,767.0	6,779.1	6,768.4	22.8	7.2	158.78	-291.3	636.2	224.0	202.3	21.78	10.286	
6,840.0	6,807.0	6,821.3	6,810.5	22.8	7.2	158.92	-291.3	635.7	223.8	202.1	21.78	10.279	
6,900.0	6,867.0	6,881.3	6,870.6	22.8	7.3	159.09	-291.2	634.9	223.4	201.6	21.79	10.255	
6,935.0	6,902.0	6,915.2	6,904.5	22.8	7.3	159.22	-291.2	634.3	223.2	201.4	21.80	10.242	
6,968.4	6,935.4	6,948.1	6,937.4	22.8	7.3	159.35	-291.3	633.9	223.2	201.4	21.81	10.235	
7,000.0	6,967.0	6,979.2	6,968.5	22.8	7.3	159.48	-291.6	633.4	223.3	201.4	21.82	10.230	
7,030.0	6,997.0	7,009.1	6,998.3	22.8	7.4	159.62	-291.8	632.9	223.3	201.5	21.83	10.229	
7,100.0	7,067.0	7,079.9	7,069.1	22.9	7.4	159.94	-292.4	631.8	223.5	201.7	21.85	10.229	
7,125.0	7,092.0	7,107.6	7,096.8	22.9	7.4	159.94	-292.2	631.7	223.3	201.5	21.86	10.219	
7,200.0	7,167.0	7,184.2	7,173.5	22.9	7.4	159.47	-290.3	633.0	221.9	199.9	21.97	10.100	
7,220.0	7,187.0	7,204.1	7,193.3	22.9	7.4	159.32	-289.7	633.3	221.5	199.5	22.01	10.065	
7,300.0	7,267.0	7,282.9	7,272.0	22.9	7.4	158.85	-287.7	634.5	220.1	197.9	22.15	9.938	
7,315.0	7,282.0	7,297.0	7,286.1	22.9	7.4	158.78	-287.5	634.7	219.9	197.7	22.17	9.917	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,400.0	7,367.0	7,381.1	7,370.3	23.0	7.4	158.42	-286.3	635.8	219.2	196.9	22.30	9.829	
7,410.0	7,377.0	7,391.2	7,380.3	23.0	7.4	158.38	-286.2	635.9	219.2	196.8	22.32	9.820	
7,500.0	7,467.0	7,481.0	7,470.1	23.0	7.4	158.15	-285.4	636.5	218.6	196.2	22.42	9.751	
7,505.0	7,472.0	7,485.9	7,475.0	23.0	7.4	158.15	-285.4	636.5	218.6	196.2	22.43	9.748	
7,600.0	7,567.0	7,581.3	7,570.5	23.0	7.5	158.39	-285.3	635.5	218.2	195.7	22.46	9.715	
7,695.0	7,662.0	7,677.6	7,666.7	23.1	7.5	158.44	-284.3	634.9	217.0	194.5	22.49	9.649	
7,700.0	7,667.0	7,682.4	7,671.5	23.1	7.5	158.44	-284.2	634.9	217.0	194.5	22.50	9.645	
7,742.2	7,709.2	7,722.1	7,711.2	23.1	7.5	158.47	-284.0	634.7	216.7	194.2	22.53	9.617	
7,790.0	7,757.0	7,767.7	7,756.8	23.1	7.5	158.56	-284.4	634.5	217.0	194.4	22.59	9.606	
7,800.0	7,767.0	7,777.6	7,766.7	23.1	7.5	158.58	-284.6	634.4	217.1	194.5	22.60	9.606	
7,885.0	7,852.0	7,862.7	7,851.9	23.1	7.6	158.88	-285.8	633.7	218.0	195.3	22.67	9.617	
7,900.0	7,867.0	7,877.8	7,866.9	23.1	7.6	158.94	-286.1	633.5	218.2	195.5	22.68	9.619	
7,980.0	7,947.0	7,958.3	7,947.4	23.2	7.7	159.35	-287.2	632.3	218.8	196.1	22.71	9.635	
8,000.0	7,967.0	7,978.1	7,967.2	23.2	7.8	159.46	-287.5	632.0	219.0	196.3	22.72	9.638	
8,075.0	8,042.0	8,057.3	8,046.3	23.2	7.8	159.86	-288.4	630.7	219.4	196.6	22.73	9.651	
8,100.0	8,067.0	8,085.6	8,074.7	23.2	7.8	159.88	-287.9	630.4	218.8	196.1	22.73	9.627	
8,170.0	8,137.0	8,156.3	8,145.4	23.2	7.8	159.84	-286.0	629.8	216.9	194.1	22.77	9.523	
8,200.0	8,167.0	8,186.1	8,175.1	23.2	7.8	159.84	-285.2	629.6	216.0	193.2	22.79	9.478	
8,265.0	8,232.0	8,250.6	8,239.6	23.2	7.8	159.99	-283.6	628.4	214.2	191.4	22.81	9.391	
8,300.0	8,267.0	8,285.3	8,274.3	23.3	7.9	160.12	-283.0	627.6	213.2	190.4	22.81	9.350	
8,360.0	8,327.0	8,342.6	8,331.6	23.3	7.9	160.38	-282.3	626.4	212.1	189.3	22.82	9.296	
8,400.0	8,367.0	8,380.1	8,369.1	23.3	7.9	160.58	-282.3	625.6	211.9	189.1	22.83	9.280	
8,425.6	8,392.6	8,405.7	8,394.6	23.3	7.9	160.74	-282.5	625.0	211.9	189.0	22.84	9.278	
8,455.0	8,422.0	8,433.9	8,422.8	23.3	8.0	160.95	-282.8	624.3	211.9	189.1	22.84	9.279	
8,500.0	8,467.0	8,478.2	8,467.1	23.3	8.0	161.35	-283.6	623.0	212.3	189.5	22.84	9.297	
8,550.0	8,517.0	8,529.7	8,518.6	23.3	8.1	161.83	-284.5	621.5	212.7	189.9	22.82	9.320	
8,600.0	8,567.0	8,584.1	8,573.0	23.4	8.1	162.09	-284.3	620.4	212.1	189.3	22.81	9.299	
8,645.0	8,612.0	8,630.1	8,618.9	23.4	8.1	162.20	-283.4	619.6	211.1	188.3	22.82	9.251	
8,700.0	8,667.0	8,683.9	8,672.7	23.4	8.1	162.34	-282.6	618.8	210.0	187.2	22.84	9.195	
8,740.0	8,707.0	8,723.5	8,712.3	23.4	8.1	162.49	-282.1	618.1	209.3	186.5	22.85	9.161	
8,800.0	8,767.0	8,782.4	8,771.2	23.4	8.2	162.73	-281.6	617.1	208.6	185.7	22.86	9.124	
8,835.0	8,802.0	8,816.9	8,805.8	23.4	8.2	162.89	-281.5	616.4	208.2	185.4	22.87	9.107	
8,900.0	8,867.0	8,881.2	8,870.0	23.5	8.2	163.26	-281.5	615.0	207.8	184.9	22.86	9.089	
8,930.0	8,897.0	8,911.7	8,900.5	23.5	8.2	163.45	-281.6	614.3	207.7	184.8	22.85	9.088	
9,000.0	8,967.0	9,018.9	9,006.9	23.5	8.2	161.90	-271.1	616.8	202.1	178.7	23.31	8.668	
9,025.0	8,992.0	9,059.0	9,045.4	23.5	8.3	159.86	-260.5	620.4	196.4	172.5	23.93	8.209	
9,100.0	9,067.0	9,139.4	9,121.6	23.5	8.3	155.07	-235.7	626.4	177.0	152.1	24.88	7.116	
9,120.0	9,087.0	9,168.6	9,148.7	23.5	8.3	153.10	-225.0	627.4	170.6	145.1	25.49	6.692	
9,200.0	9,167.0	9,263.8	9,230.4	23.6	8.4	140.71	-176.8	632.3	136.5	108.6	27.93	4.889	
9,215.0	9,182.0	9,277.2	9,241.2	23.6	8.5	137.86	-168.9	633.4	129.9	101.6	28.26	4.596	
9,300.0	9,267.0	9,349.2	9,297.0	23.6	8.5	116.24	-123.8	639.1	97.7	67.6	30.13	3.243	
9,310.0	9,277.0	9,357.6	9,303.3	23.6	8.6	112.99	-118.3	639.6	95.0	64.6	30.33	3.132	
9,368.7	9,335.7	9,405.1	9,337.7	23.6	8.6	92.12	-85.7	641.9	86.8	55.7	31.12	2.790	CC, ES, SF
9,400.0	9,367.0	9,427.0	9,352.3	23.6	8.7	81.37	-69.3	642.3	89.7	58.3	31.44	2.853	
9,405.0	9,372.0	9,430.1	9,354.2	23.7	8.7	79.84	-66.9	642.3	90.7	59.2	31.50	2.879	
9,500.0	9,467.0	9,481.9	9,385.4	23.7	8.7	56.98	-25.6	642.7	133.8	101.6	32.17	4.158	
9,595.0	9,562.0	9,523.0	9,408.1	23.7	8.8	44.02	8.7	643.3	200.9	168.3	32.59	6.166	
9,600.0	9,567.0	9,523.0	9,408.1	23.7	8.8	44.02	8.7	643.3	204.8	172.1	32.71	6.261	
9,690.0	9,657.0	9,560.9	9,427.3	23.8	8.9	35.70	41.3	644.1	277.3	244.3	33.00	8.404	
9,700.0	9,667.0	9,572.0	9,432.6	23.8	8.9	33.76	51.1	644.5	285.9	253.1	32.78	8.722	
9,785.0	9,752.0	9,590.6	9,441.0	23.8	8.9	30.92	67.7	645.1	358.6	325.1	33.58	10.679	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,800.0	9,767.0	9,595.0	9,442.9	23.8	8.9	30.32	71.7	645.3	371.8	338.1	33.67	11.041	
9,880.0	9,847.0	9,619.0	9,453.0	23.8	9.0	27.38	93.4	646.2	442.8	408.7	34.08	12.991	
9,900.0	9,867.0	9,619.0	9,453.0	23.8	9.0	27.38	93.4	646.2	460.7	426.4	34.29	13.434	
9,974.1	9,941.0	9,641.4	9,461.9	23.9	9.0	25.11	114.0	647.2	527.8	493.2	34.61	15.252	
9,975.0	9,942.0	9,641.7	9,462.0	23.9	9.0	25.13	114.2	647.2	528.7	494.1	34.61	15.275	
10,000.0	9,967.0	9,648.2	9,464.5	23.9	9.0	22.46	120.2	647.5	551.3	516.6	34.74	15.869	
10,050.0	10,016.8	9,667.0	9,471.4	23.8	9.0	18.18	137.7	648.4	595.5	560.5	34.97	17.029	
10,070.0	10,036.5	9,667.0	9,471.4	23.8	9.0	17.16	137.7	648.4	612.6	577.5	35.17	17.418	
10,100.0	10,066.0	9,682.2	9,476.9	23.8	9.1	15.36	151.9	649.1	637.9	602.6	35.29	18.074	
10,150.0	10,114.2	9,705.7	9,485.1	23.8	9.1	13.13	173.8	650.0	678.2	642.7	35.55	19.076	
10,165.0	10,128.5	9,714.0	9,488.0	23.8	9.1	12.57	181.6	650.4	689.9	654.3	35.63	19.365	
10,200.0	10,161.2	9,726.4	9,492.1	23.8	9.1	11.54	193.3	650.8	716.4	680.5	35.88	19.964	
10,250.0	10,206.4	9,745.8	9,498.4	23.8	9.1	10.35	211.7	651.6	752.3	716.0	36.24	20.756	
10,260.0	10,215.3	9,760.0	9,502.7	23.8	9.2	10.06	225.2	652.1	759.3	723.1	36.23	20.961	
10,300.0	10,249.7	9,760.0	9,502.7	23.8	9.2	9.45	225.2	652.1	785.9	749.3	36.66	21.438	
10,350.0	10,290.6	9,782.3	9,509.0	23.8	9.2	8.70	246.6	653.0	817.2	780.2	37.01	22.078	
10,355.0	10,294.5	9,784.1	9,509.4	23.8	9.2	8.64	248.3	653.1	820.2	783.2	37.05	22.135	
10,400.0	10,328.8	9,807.0	9,515.0	23.8	9.3	8.11	270.5	654.1	846.2	808.9	37.36	22.650	
10,450.0	10,364.1	9,820.9	9,518.1	23.8	9.3	7.66	284.0	654.8	872.7	834.9	37.77	23.104	
10,500.0	10,396.2	9,843.9	9,522.7	23.8	9.3	7.30	306.5	656.1	896.5	858.3	38.13	23.514	
10,545.0	10,422.1	9,856.0	9,524.9	23.8	9.4	7.04	318.4	656.8	915.6	877.1	38.47	23.799	
10,550.0	10,424.8	9,856.0	9,524.9	23.8	9.4	7.02	318.4	656.8	917.6	879.1	38.51	23.826	
10,600.0	10,449.7	9,885.5	9,529.6	23.8	9.4	6.83	347.5	658.8	935.8	897.0	38.83	24.097	
10,640.0	10,466.9	9,903.0	9,531.8	23.8	9.5	6.71	364.7	660.1	948.5	909.4	39.10	24.255	
10,650.0	10,470.7	9,903.0	9,531.8	23.8	9.5	6.68	364.7	660.1	951.4	912.2	39.18	24.284	
10,700.0	10,487.8	9,924.5	9,533.9	23.9	9.5	6.59	386.1	661.8	964.3	924.8	39.50	24.411	
10,735.0	10,497.2	9,950.0	9,535.3	23.9	9.6	6.60	411.4	663.9	971.9	932.2	39.71	24.472	
10,750.0	10,500.6	9,950.0	9,535.3	23.9	9.6	6.57	411.4	663.9	974.5	934.7	39.81	24.479	
10,800.0	10,509.2	9,972.0	9,536.1	24.0	9.7	6.58	433.4	665.7	981.7	941.6	40.11	24.476	
10,830.0	10,512.3	9,991.9	9,536.5	24.0	9.7	6.63	453.2	667.3	984.4	944.1	40.29	24.435	
10,850.0	10,513.5	10,005.1	9,536.6	24.0	9.8	6.67	466.4	668.2	985.5	945.1	40.41	24.391	
10,872.1	10,514.0	10,019.8	9,536.7	24.0	9.8	6.72	481.0	669.3	986.1	945.6	40.52	24.338	
10,900.0	10,514.1	10,045.0	9,536.5	24.1	9.9	6.82	506.2	671.0	986.6	946.1	40.53	24.340	
10,925.0	10,514.2	10,056.8	9,536.4	24.1	10.0	6.87	518.0	671.7	987.2	946.7	40.51	24.371	
11,000.0	10,514.4	10,116.2	9,534.9	24.2	10.3	7.07	577.2	675.3	989.8	949.2	40.60	24.378	
11,020.0	10,514.5	10,140.0	9,534.0	24.2	10.4	7.14	601.0	676.6	990.8	950.1	40.70	24.346	
11,100.0	10,514.8	10,196.3	9,531.5	24.3	10.7	7.31	657.1	679.9	995.2	954.4	40.78	24.402	
11,115.0	10,514.9	10,208.3	9,530.8	24.3	10.8	7.35	669.1	680.7	996.2	955.4	40.82	24.407	
11,200.0	10,515.1	10,289.1	9,526.0	24.4	11.3	7.60	749.6	685.4	1,002.2	961.1	41.12	24.375	
11,210.0	10,515.2	10,299.5	9,525.3	24.5	11.3	7.61	760.0	685.8	1,002.9	961.7	41.16	24.365	
11,300.0	10,515.5	10,413.8	9,518.8	24.6	12.1	7.58	874.1	685.8	1,008.4	966.7	41.74	24.161	
11,305.0	10,515.5	10,420.7	9,518.5	24.6	12.1	7.56	880.9	685.6	1,008.6	966.8	41.77	24.145	
11,400.0	10,515.9	10,590.4	9,516.7	24.8	13.3	6.85	1,050.0	672.8	1,008.9	966.2	42.74	23.605	
11,495.0	10,516.2	10,721.3	9,523.1	25.0	14.2	6.47	1,180.6	665.1	1,003.9	960.4	43.48	23.090	
11,500.0	10,516.2	10,725.4	9,523.3	25.0	14.2	6.46	1,184.7	664.9	1,003.5	960.1	43.50	23.071	
11,590.0	10,516.5	10,802.0	9,527.5	25.2	14.8	6.26	1,261.0	660.8	998.5	954.5	43.93	22.728	
11,600.0	10,516.6	10,810.1	9,527.8	25.3	14.9	6.24	1,269.1	660.4	998.0	954.0	43.98	22.692	
11,685.0	10,516.9	10,897.0	9,532.3	25.5	15.5	5.95	1,355.7	654.7	993.3	948.8	44.52	22.314	
11,700.0	10,516.9	10,914.4	9,533.2	25.5	15.6	5.88	1,373.0	653.4	992.5	947.9	44.63	22.240	
11,780.0	10,517.2	10,972.6	9,535.6	25.8	16.1	5.71	1,431.1	650.0	989.1	944.1	45.01	21.975	
11,800.0	10,517.3	10,991.0	9,536.1	25.8	16.2	5.66	1,449.5	649.2	988.5	943.4	45.13	21.903	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
11,872.0	10,517.5	11,033.6	9,536.6	26.0	16.5	5.58	1,492.1	647.6	987.6	942.1	45.43	21.738	
11,875.0	10,517.5	11,035.5	9,536.6	26.0	16.5	5.58	1,494.0	647.6	987.6	942.1	45.44	21.732	
11,900.0	10,517.6	11,051.5	9,536.5	26.1	16.7	5.55	1,509.9	647.1	987.7	942.2	45.55	21.682	
11,970.0	10,517.8	11,100.3	9,535.5	26.3	17.0	5.49	1,558.8	646.0	989.3	943.4	45.91	21.548	
12,000.0	10,518.0	11,127.4	9,534.6	26.4	17.3	5.45	1,585.8	645.4	990.3	944.2	46.11	21.475	
12,065.0	10,518.2	11,181.0	9,532.7	26.6	17.7	5.37	1,639.3	644.1	992.8	946.2	46.53	21.337	
12,100.0	10,518.3	11,210.6	9,531.4	26.8	17.9	5.33	1,668.9	643.4	994.4	947.6	46.76	21.265	
12,160.0	10,518.5	11,254.3	9,528.8	27.0	18.2	5.26	1,712.5	642.3	998.0	950.8	47.11	21.183	
12,200.0	10,518.7	11,288.0	9,526.4	27.1	18.5	5.20	1,746.1	641.4	1,000.9	953.5	47.39	21.122	
12,255.0	10,518.8	11,352.7	9,522.0	27.3	19.0	5.11	1,810.7	640.2	1,004.7	956.7	47.94	20.957	
12,300.0	10,519.0	11,421.5	9,518.5	27.5	19.6	5.08	1,879.4	639.8	1,007.1	958.6	48.53	20.751	
12,350.0	10,519.2	11,489.2	9,516.9	27.7	20.1	5.14	1,947.1	640.9	1,008.5	959.3	49.13	20.526	
12,400.0	10,519.4	11,537.4	9,516.1	27.8	20.5	5.23	1,995.2	642.5	1,009.7	960.1	49.58	20.364	
12,445.0	10,519.5	11,620.8	9,515.7	28.0	21.1	5.41	2,078.5	645.4	1,010.4	960.1	50.30	20.086	
12,500.0	10,519.7	11,685.1	9,517.7	28.2	21.7	5.43	2,142.8	645.5	1,008.8	958.0	50.89	19.824	
12,540.0	10,519.8	11,711.2	9,518.2	28.4	21.9	5.43	2,168.9	645.4	1,008.2	957.0	51.18	19.699	
12,565.3	10,519.9	11,727.7	9,518.4	28.5	22.0	5.43	2,185.4	645.4	1,008.1	956.8	51.36	19.627	
12,600.0	10,520.1	11,752.0	9,518.3	28.7	22.2	5.43	2,209.7	645.4	1,008.3	956.7	51.62	19.532	
12,635.0	10,520.2	11,820.9	9,520.1	28.8	22.7	5.40	2,278.6	644.5	1,006.9	954.7	52.21	19.285	
12,700.0	10,520.4	11,922.5	9,525.3	29.1	23.6	5.32	2,380.0	642.4	1,003.4	950.3	53.08	18.902	
12,730.0	10,520.5	11,943.0	9,526.6	29.2	23.7	5.30	2,400.4	642.0	1,001.6	948.3	53.33	18.780	
12,800.0	10,520.8	11,984.5	9,528.4	29.5	24.1	5.26	2,441.9	641.0	998.9	945.1	53.87	18.542	
12,825.0	10,520.8	11,997.5	9,528.6	29.6	24.2	5.25	2,454.9	640.7	998.5	944.5	54.05	18.473	
12,845.5	10,520.9	12,008.2	9,528.7	29.7	24.3	5.24	2,465.6	640.5	998.4	944.2	54.20	18.421	
12,900.0	10,521.1	12,039.0	9,528.3	30.0	24.5	5.19	2,496.4	639.7	999.1	944.6	54.59	18.302	
12,920.0	10,521.2	12,050.0	9,528.0	30.1	24.6	5.18	2,507.3	639.4	999.7	945.0	54.73	18.266	
13,000.0	10,521.5	12,253.3	9,536.9	30.4	26.3	4.90	2,710.1	633.3	994.6	938.3	56.34	17.652	
13,015.0	10,521.5	12,258.0	9,537.3	30.5	26.3	4.89	2,714.8	633.2	993.3	936.8	56.46	17.593	
13,100.0	10,521.8	12,317.4	9,541.7	30.9	26.8	4.81	2,774.0	631.3	987.2	930.0	57.26	17.241	
13,110.0	10,521.8	12,323.6	9,542.1	31.0	26.8	4.80	2,780.2	631.2	986.7	929.3	57.35	17.204	
13,200.0	10,522.2	12,379.2	9,544.1	31.4	27.3	4.79	2,835.7	630.7	983.7	925.5	58.15	16.915	
13,205.0	10,522.2	12,382.2	9,544.2	31.4	27.3	4.80	2,838.8	630.8	983.6	925.4	58.20	16.901	
13,240.5	10,522.3	12,404.0	9,544.4	31.6	27.5	4.83	2,860.5	631.2	983.3	924.8	58.51	16.807	
13,300.0	10,522.5	12,449.0	9,544.1	31.9	27.9	4.95	2,905.5	633.2	984.1	925.0	59.09	16.654	
13,395.0	10,522.8	12,518.8	9,542.3	32.4	28.4	5.20	2,975.2	637.5	987.2	927.2	60.01	16.451	
13,400.0	10,522.9	12,523.1	9,542.2	32.4	28.5	5.21	2,979.5	637.8	987.4	927.4	60.06	16.440	
13,490.0	10,523.2	12,594.7	9,539.4	32.9	29.1	5.48	3,050.9	642.6	991.9	930.9	60.98	16.265	
13,500.0	10,523.2	12,602.4	9,539.0	32.9	29.1	5.51	3,058.5	643.2	992.5	931.4	61.08	16.249	
13,585.0	10,523.5	12,691.3	9,534.1	33.4	29.9	5.90	3,147.0	650.3	998.2	936.0	62.16	16.059	
13,600.0	10,523.6	12,712.4	9,533.1	33.4	30.0	5.97	3,168.0	651.6	999.0	936.6	62.39	16.012	
13,680.0	10,523.8	12,845.7	9,530.7	33.9	31.1	6.33	3,301.2	657.8	1,001.2	937.4	63.79	15.696	
13,681.0	10,523.8	12,847.5	9,530.8	33.9	31.1	6.33	3,302.9	657.9	1,001.2	937.4	63.80	15.692	
13,700.0	10,523.9	12,854.2	9,530.6	34.0	31.2	6.35	3,309.6	658.2	1,001.4	937.5	63.95	15.658	
13,775.0	10,524.2	12,922.0	9,530.2	34.4	31.8	6.52	3,377.3	661.2	1,002.6	937.8	64.83	15.464	
13,800.0	10,524.3	12,942.0	9,529.9	34.5	31.9	6.57	3,397.3	662.0	1,003.1	938.0	65.11	15.408	
13,870.0	10,524.5	13,006.7	9,528.8	34.9	32.5	6.73	3,461.9	664.8	1,004.9	939.0	65.94	15.239	
13,900.0	10,524.6	13,038.8	9,528.2	35.1	32.7	6.81	3,494.0	666.2	1,005.8	939.4	66.34	15.161	
13,965.0	10,524.8	13,116.0	9,527.4	35.4	33.4	7.06	3,571.1	670.7	1,007.1	939.9	67.26	14.974	
14,000.0	10,525.0	13,201.6	9,529.1	35.6	34.1	7.29	3,656.5	674.4	1,006.8	938.8	68.01	14.803	
14,060.0	10,525.2	13,265.8	9,532.1	36.0	34.6	7.39	3,720.7	675.6	1,004.4	935.6	68.79	14.600	
14,100.0	10,525.3	13,307.6	9,534.1	36.2	35.0	7.44	3,762.4	676.2	1,002.8	933.4	69.31	14.467	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,155.0	10,525.5	13,370.7	9,537.3	36.5	35.5	7.51	3,825.4	676.9	1,000.2	930.2	70.05	14.278	
14,200.0	10,525.7	13,418.8	9,540.1	36.8	35.9	7.56	3,873.4	677.2	997.8	927.2	70.64	14.126	
14,250.0	10,525.8	13,468.7	9,543.0	37.1	36.3	7.58	3,923.3	677.1	995.2	923.9	71.29	13.960	
14,300.0	10,526.0	13,515.7	9,545.6	37.4	36.7	7.57	3,970.2	676.5	992.5	920.6	71.92	13.801	
14,345.0	10,526.2	13,556.0	9,547.6	37.6	37.0	7.55	4,010.5	675.9	990.4	917.9	72.48	13.663	
14,400.0	10,526.4	13,606.7	9,549.8	38.0	37.5	7.51	4,061.1	674.8	988.0	914.8	73.18	13.501	
14,440.0	10,526.5	13,644.9	9,551.4	38.2	37.8	7.48	4,099.2	674.0	986.4	912.7	73.69	13.385	
14,500.0	10,526.7	13,702.2	9,553.7	38.5	38.3	7.43	4,156.5	672.7	984.1	909.6	74.46	13.215	
14,535.0	10,526.8	13,735.6	9,555.0	38.8	38.5	7.40	4,189.9	671.9	982.8	907.9	74.92	13.119	
14,600.0	10,527.1	13,801.6	9,557.4	39.1	39.1	7.35	4,255.8	670.7	980.6	904.8	75.78	12.940	
14,630.0	10,527.2	13,835.0	9,558.7	39.3	39.4	7.34	4,289.1	670.2	979.4	903.2	76.19	12.855	
14,700.0	10,527.4	13,905.1	9,561.8	39.8	40.0	7.32	4,359.2	669.4	976.5	899.4	77.12	12.663	
14,725.0	10,527.5	13,928.2	9,562.8	39.9	40.2	7.32	4,382.3	669.1	975.5	898.1	77.44	12.597	
14,800.0	10,527.8	13,999.6	9,565.5	40.4	40.8	7.28	4,453.6	668.1	972.8	894.4	78.43	12.404	
14,820.0	10,527.8	14,019.0	9,566.2	40.5	40.9	7.27	4,473.0	667.8	972.1	893.4	78.70	12.353	
14,900.0	10,528.1	14,084.5	9,568.3	41.0	41.5	7.23	4,538.5	666.7	969.8	890.1	79.71	12.167	
14,915.0	10,528.2	14,094.7	9,568.5	41.1	41.6	7.22	4,548.6	666.5	969.5	889.6	79.88	12.137	
14,957.3	10,528.3	14,123.4	9,568.7	41.3	41.8	7.19	4,577.3	665.9	969.2	888.9	80.38	12.058	
15,000.0	10,528.5	14,151.0	9,568.5	41.6	42.0	7.15	4,604.9	665.2	969.5	888.7	80.86	11.990	
15,010.0	10,528.5	14,162.0	9,568.4	41.7	42.1	7.13	4,615.9	664.8	969.7	888.7	81.00	11.971	
15,100.0	10,528.8	14,244.0	9,566.8	42.2	42.8	6.96	4,697.9	661.9	971.3	889.2	82.16	11.823	
15,105.0	10,528.8	14,249.2	9,566.7	42.3	42.9	6.94	4,703.0	661.7	971.4	889.2	82.23	11.814	
15,200.0	10,529.2	14,339.0	9,564.2	42.9	43.6	6.74	4,792.8	658.3	974.0	890.5	83.47	11.668	
15,295.0	10,529.5	14,417.2	9,561.2	43.5	44.3	6.56	4,870.9	655.4	977.6	892.9	84.63	11.551	
15,300.0	10,529.5	14,421.4	9,561.0	43.5	44.3	6.55	4,875.1	655.3	977.8	893.1	84.69	11.545	
15,390.0	10,529.8	14,525.2	9,556.7	44.1	45.2	6.30	4,978.7	651.4	981.5	895.5	86.03	11.409	
15,400.0	10,529.9	14,545.1	9,556.1	44.1	45.4	6.27	4,998.5	650.7	981.8	895.5	86.24	11.384	
15,485.0	10,530.2	14,679.6	9,557.6	44.7	46.5	6.04	5,133.0	646.5	980.5	892.8	87.68	11.183	
15,500.0	10,530.2	14,696.4	9,558.1	44.8	46.7	6.01	5,149.8	645.9	980.1	892.2	87.89	11.151	
15,580.0	10,530.5	14,772.6	9,560.4	45.3	47.3	5.86	5,225.9	642.9	977.7	888.7	88.98	10.987	
15,600.0	10,530.6	14,790.6	9,560.8	45.4	47.5	5.82	5,243.9	642.2	977.2	887.9	89.25	10.948	
15,675.0	10,530.8	14,857.3	9,562.2	45.9	48.0	5.68	5,310.5	639.4	975.6	885.4	90.26	10.809	
15,700.0	10,530.9	14,879.4	9,562.5	46.1	48.2	5.63	5,332.6	638.5	975.3	884.7	90.59	10.765	
15,770.0	10,531.2	14,939.6	9,562.9	46.5	48.7	5.48	5,392.7	635.7	974.7	883.2	91.52	10.650	
15,786.8	10,531.2	14,953.7	9,562.9	46.6	48.8	5.44	5,406.7	635.1	974.7	882.9	91.74	10.624	
15,800.0	10,531.3	14,964.8	9,562.9	46.7	48.9	5.41	5,417.8	634.5	974.7	882.8	91.91	10.605	
15,865.0	10,531.5	15,021.8	9,562.5	47.1	49.4	5.24	5,474.7	631.7	975.2	882.4	92.77	10.512	
15,900.0	10,531.6	15,055.3	9,562.0	47.4	49.7	5.15	5,508.3	630.0	975.6	882.3	93.25	10.462	
15,960.0	10,531.8	15,115.4	9,561.2	47.8	50.2	4.97	5,568.2	626.9	976.3	882.2	94.09	10.377	
16,000.0	10,532.0	15,159.8	9,560.7	48.0	50.6	4.84	5,612.6	624.7	976.7	882.0	94.68	10.317	
16,055.0	10,532.2	15,222.4	9,560.5	48.4	51.1	4.67	5,675.1	621.6	976.9	881.5	95.49	10.231	
16,100.0	10,532.3	15,275.0	9,560.8	48.7	51.6	4.59	5,727.7	620.1	976.8	880.6	96.16	10.157	
16,150.0	10,532.5	15,318.1	9,561.1	49.0	51.9	4.57	5,770.7	619.7	976.5	879.6	96.84	10.083	
16,153.6	10,532.5	15,320.9	9,561.2	49.1	52.0	4.57	5,773.6	619.7	976.5	879.6	96.89	10.078	
16,200.0	10,532.7	15,357.2	9,561.1	49.4	52.3	4.60	5,809.8	620.1	976.7	879.2	97.49	10.018	
16,245.0	10,532.8	15,394.6	9,560.8	49.7	52.6	4.67	5,847.2	621.3	977.4	879.3	98.09	9.964	
16,300.0	10,533.0	15,446.9	9,560.1	50.0	53.0	4.78	5,899.5	623.1	978.5	879.6	98.87	9.897	
16,340.0	10,533.2	15,484.4	9,559.5	50.3	53.4	4.86	5,937.0	624.4	979.3	879.9	99.43	9.850	
16,400.0	10,533.4	15,538.2	9,558.5	50.7	53.8	4.96	5,990.8	626.2	980.9	880.7	100.25	9.785	
16,435.0	10,533.5	15,572.0	9,557.6	50.9	54.1	5.03	6,024.5	627.3	982.1	881.3	100.75	9.748	
16,500.0	10,533.7	15,661.6	9,556.5	51.4	54.9	5.26	6,114.0	631.2	983.4	881.5	101.86	9.654	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
16,530.0	10,533.8	15,685.6	9,556.5	51.6	55.1	5.33	6,138.0	632.5	983.6	881.4	102.26	9.618	
16,600.0	10,534.1	15,735.0	9,555.8	52.1	55.5	5.50	6,187.4	635.3	985.2	882.1	103.14	9.552	
16,625.0	10,534.2	15,762.0	9,555.0	52.2	55.7	5.59	6,214.3	636.8	986.2	882.7	103.52	9.526	
16,700.0	10,534.4	15,881.5	9,555.8	52.7	56.7	6.10	6,333.4	645.4	986.4	881.5	104.90	9.403	
16,720.0	10,534.5	15,896.6	9,556.1	52.9	56.8	6.18	6,348.5	646.7	986.2	881.0	105.18	9.377	
16,754.0	10,534.6	15,922.3	9,556.6	53.1	57.1	6.32	6,374.0	649.1	986.0	880.4	105.64	9.334	
16,800.0	10,534.8	15,962.5	9,557.0	53.4	57.4	6.56	6,414.0	653.1	986.3	880.0	106.29	9.279	
16,815.0	10,534.8	15,984.0	9,557.2	53.5	57.6	6.69	6,435.4	655.2	986.3	879.8	106.55	9.257	
16,900.0	10,535.1	16,093.2	9,560.5	54.1	58.5	7.31	6,544.0	665.4	985.0	877.1	107.93	9.127	
16,910.0	10,535.2	16,104.4	9,561.0	54.2	58.6	7.37	6,555.3	666.3	984.7	876.7	108.08	9.111	
17,000.0	10,535.5	16,197.8	9,564.8	54.8	59.4	7.77	6,648.3	672.6	982.2	872.7	109.43	8.976	
17,005.0	10,535.5	16,202.7	9,565.0	54.8	59.4	7.79	6,653.3	672.9	982.0	872.5	109.50	8.968	
17,100.0	10,535.8	16,303.6	9,569.1	55.5	60.3	8.08	6,754.0	677.2	979.1	868.2	110.92	8.827	
17,195.0	10,536.2	16,391.4	9,572.8	56.1	61.0	8.26	6,841.7	679.7	976.0	863.7	112.31	8.690	
17,200.0	10,536.2	16,395.8	9,572.9	56.2	61.0	8.27	6,846.0	679.8	975.9	863.5	112.38	8.684	
17,290.0	10,536.5	16,462.8	9,574.8	56.8	61.6	8.45	6,913.0	682.5	974.3	860.7	113.63	8.575	
17,299.1	10,536.5	16,469.0	9,574.8	56.8	61.6	8.47	6,919.1	682.7	974.3	860.6	113.75	8.566	
17,300.0	10,536.5	16,469.6	9,574.8	56.8	61.7	8.47	6,919.8	682.8	974.3	860.6	113.76	8.565	
17,385.0	10,536.8	16,531.1	9,574.7	57.4	62.2	8.67	6,981.2	686.2	975.5	860.6	114.88	8.492	
17,400.0	10,536.9	16,546.3	9,574.5	57.5	62.3	8.72	6,996.3	687.1	975.9	860.8	115.11	8.478	
17,480.0	10,537.2	16,681.2	9,574.3	58.1	63.4	8.99	7,131.2	691.4	977.4	860.9	116.54	8.387	
17,500.0	10,537.2	16,721.3	9,576.1	58.2	63.8	8.91	7,171.2	689.8	976.4	859.6	116.85	8.357	
17,575.0	10,537.5	16,789.1	9,579.2	58.8	64.4	8.76	7,238.8	686.5	972.8	854.8	117.94	8.248	
17,600.0	10,537.6	16,802.0	9,579.7	58.9	64.5	8.73	7,251.7	685.9	971.7	853.5	118.30	8.214	
17,670.0	10,537.8	16,853.1	9,581.1	59.4	64.9	8.64	7,302.7	684.0	969.9	850.6	119.28	8.131	
17,700.0	10,537.9	16,872.1	9,581.2	59.6	65.1	8.62	7,321.7	683.6	969.7	850.0	119.67	8.102	
17,704.5	10,538.0	16,875.0	9,581.2	59.7	65.1	8.61	7,324.6	683.6	969.6	849.9	119.73	8.098	
17,765.0	10,538.2	16,920.9	9,580.9	60.1	65.5	8.58	7,370.5	683.0	970.2	849.7	120.54	8.049	
17,800.0	10,538.3	16,953.4	9,580.4	60.3	65.8	8.56	7,403.0	682.6	970.8	849.8	121.04	8.020	
17,860.0	10,538.5	17,012.3	9,579.3	60.7	66.3	8.49	7,461.8	681.5	972.0	850.0	121.92	7.972	
17,900.0	10,538.6	17,056.1	9,578.6	61.0	66.6	8.43	7,505.7	680.5	972.6	850.1	122.53	7.938	
17,955.0	10,538.8	17,087.0	9,578.2	61.4	66.9	8.38	7,536.5	679.6	973.7	850.5	123.16	7.906	
18,000.0	10,539.0	17,124.9	9,577.1	61.7	67.2	8.33	7,574.5	678.9	975.1	851.4	123.76	7.879	
18,050.0	10,539.2	17,151.3	9,575.6	62.1	67.5	8.32	7,600.8	678.9	978.1	853.8	124.24	7.872	
18,100.0	10,539.3	17,180.0	9,573.3	62.4	67.7	8.33	7,629.4	679.4	982.2	857.5	124.70	7.877	
18,145.0	10,539.5	17,368.0	9,570.0	62.8	69.3	8.40	7,817.1	680.8	983.6	857.3	126.33	7.786	
18,200.0	10,539.7	17,419.4	9,572.9	63.1	69.7	8.40	7,868.5	680.1	980.7	853.5	127.15	7.712	
18,240.0	10,539.8	17,452.8	9,574.6	63.4	70.0	8.42	7,901.8	680.3	978.8	851.1	127.75	7.662	
18,300.0	10,540.0	17,526.3	9,578.5	63.8	70.7	8.48	7,975.2	680.6	976.0	847.3	128.64	7.587	
18,335.0	10,540.2	17,569.0	9,581.2	64.1	71.0	8.46	8,017.8	679.7	973.8	844.7	129.14	7.541	
18,400.0	10,540.4	17,635.0	9,585.6	64.6	71.6	8.43	8,083.7	678.5	969.6	839.5	130.10	7.453	
18,430.0	10,540.5	17,652.0	9,586.7	64.8	71.7	8.43	8,100.6	678.3	967.7	837.1	130.58	7.411	
18,500.0	10,540.7	17,710.7	9,590.1	65.3	72.2	8.45	8,159.2	677.9	964.1	832.4	131.63	7.324	
18,525.0	10,540.8	17,728.3	9,590.8	65.4	72.4	8.45	8,176.8	677.8	963.1	831.1	132.00	7.296	
18,600.0	10,541.1	17,788.4	9,592.4	66.0	72.9	8.45	8,236.9	677.5	961.3	828.2	133.10	7.223	
18,620.0	10,541.2	17,805.3	9,592.7	66.1	73.0	8.44	8,253.8	677.3	961.0	827.6	133.39	7.205	
18,688.2	10,541.4	17,859.8	9,593.3	66.6	73.5	8.40	8,308.2	676.4	960.4	826.1	134.35	7.149	
18,700.0	10,541.4	17,868.2	9,593.2	66.7	73.6	8.38	8,316.7	676.1	960.5	826.0	134.51	7.140	
18,715.0	10,541.5	17,879.0	9,593.2	66.8	73.6	8.37	8,327.4	675.8	960.6	825.8	134.71	7.130	
18,800.0	10,541.8	17,943.7	9,591.7	67.4	74.2	8.20	8,392.0	673.1	962.3	826.4	135.84	7.084	
18,810.0	10,541.8	17,956.5	9,591.2	67.5	74.3	8.15	8,404.8	672.3	962.6	826.5	136.01	7.077	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
18,900.0	10,542.1	18,057.8	9,588.9	68.1	75.2	7.67	8,505.8	664.3	964.0	826.6	137.40	7.016	
18,905.0	10,542.2	18,062.0	9,588.8	68.2	75.2	7.65	8,510.0	663.9	964.1	826.6	137.47	7.013	
19,000.0	10,542.5	18,146.9	9,586.4	68.8	76.0	7.29	8,594.6	658.0	966.2	827.4	138.80	6.961	
19,095.0	10,542.8	18,248.3	9,583.5	69.5	76.8	6.89	8,695.8	651.4	968.5	828.2	140.25	6.906	
19,100.0	10,542.8	18,254.2	9,583.3	69.5	76.9	6.87	8,701.6	651.1	968.6	828.3	140.33	6.902	
19,190.0	10,543.2	18,373.0	9,582.6	70.2	77.9	6.73	8,820.4	648.5	969.3	827.5	141.82	6.835	
19,200.0	10,543.2	18,388.1	9,582.8	70.3	78.0	6.70	8,835.5	648.0	969.2	827.2	141.98	6.826	
19,262.9	10,543.4	18,435.5	9,583.6	70.7	78.4	6.62	8,882.9	646.5	968.3	825.5	142.87	6.778	
19,285.0	10,543.5	18,447.5	9,583.5	70.9	78.5	6.61	8,894.8	646.2	968.4	825.3	143.15	6.765	
19,300.0	10,543.5	18,455.6	9,583.4	71.0	78.6	6.60	8,903.0	646.1	968.7	825.3	143.33	6.758	
19,380.0	10,543.8	18,504.0	9,581.7	71.6	79.0	6.59	8,951.3	646.1	971.6	827.3	144.26	6.735	
19,400.0	10,543.9	18,513.4	9,581.2	71.7	79.1	6.60	8,960.7	646.2	972.8	828.3	144.44	6.735	
19,475.0	10,544.2	18,581.5	9,577.1	72.2	79.7	6.61	9,028.7	646.7	977.6	832.1	145.48	6.720	
19,500.0	10,544.2	18,611.8	9,575.1	72.4	79.9	6.60	9,059.0	646.7	979.3	833.4	145.92	6.711	
19,570.0	10,544.5	18,725.7	9,571.8	72.9	80.9	6.73	9,172.8	649.1	981.5	834.1	147.41	6.659	
19,600.0	10,544.6	18,758.6	9,571.5	73.1	81.2	6.78	9,205.6	650.1	982.0	834.1	147.88	6.640	
19,665.0	10,544.8	18,817.1	9,571.1	73.6	81.7	6.88	9,264.1	651.7	983.0	834.2	148.82	6.605	
19,700.0	10,545.0	18,844.0	9,570.6	73.9	81.9	6.94	9,291.0	652.7	983.9	834.6	149.29	6.590	
19,760.0	10,545.2	18,890.8	9,569.3	74.3	82.3	7.05	9,337.7	654.8	986.1	836.0	150.09	6.570	
19,800.0	10,545.3	18,924.4	9,568.1	74.6	82.6	7.14	9,371.3	656.4	987.9	837.3	150.63	6.559	
19,855.0	10,545.5	18,976.0	9,565.8	75.0	83.1	7.29	9,422.7	659.2	990.9	839.5	151.44	6.543	
19,900.0	10,545.7	19,075.5	9,563.6	75.3	83.9	7.41	9,522.2	661.3	992.4	839.8	152.54	6.506	
19,906.1	10,545.7	19,049.7	9,564.1	75.4	83.7	7.38	9,496.3	660.9	992.2	839.7	152.44	6.509	
19,950.0	10,545.8	19,123.2	9,563.6	75.7	84.3	7.38	9,569.8	660.6	992.4	839.1	153.29	6.474	
20,000.0	10,546.0	19,177.7	9,563.7	76.0	84.8	7.31	9,624.3	659.4	992.4	838.3	154.06	6.442	
20,045.0	10,546.2	19,247.8	9,564.9	76.4	85.4	7.20	9,694.4	657.2	991.6	836.8	154.78	6.407	
20,100.0	10,546.4	19,322.9	9,567.9	76.8	86.0	7.08	9,769.4	654.5	989.4	833.8	155.59	6.359	
20,140.0	10,546.5	19,372.5	9,570.6	77.0	86.4	7.00	9,818.8	652.8	987.2	831.0	156.16	6.322	
20,200.0	10,546.7	19,438.5	9,574.8	77.5	87.0	6.90	9,884.7	650.4	983.4	826.4	157.03	6.262	
20,235.0	10,546.8	19,450.0	9,575.5	77.7	87.1	6.88	9,896.2	650.0	981.4	823.7	157.64	6.226	
20,300.0	10,547.1	19,504.8	9,578.3	78.2	87.6	6.82	9,950.9	648.5	978.3	819.7	158.63	6.167	
20,330.0	10,547.2	19,523.2	9,578.8	78.4	87.7	6.81	9,969.3	648.2	977.5	818.5	159.07	6.145	
20,400.0	10,547.4	19,585.6	9,579.6	78.9	88.3	6.78	10,031.7	647.5	976.8	816.7	160.12	6.100	
20,425.0	10,547.5	19,615.2	9,580.1	79.1	88.5	6.76	10,061.2	647.1	976.4	815.9	160.51	6.083	
20,500.0	10,547.8	19,685.1	9,581.4	79.7	89.1	6.71	10,131.2	645.9	975.2	813.5	161.64	6.033	
20,520.0	10,547.8	19,701.8	9,581.6	79.8	89.2	6.69	10,147.8	645.6	975.0	813.0	161.93	6.021	
20,571.3	10,548.0	19,744.4	9,581.8	80.2	89.6	6.66	10,190.4	644.9	974.8	812.1	162.67	5.992	
20,600.0	10,548.1	19,768.0	9,581.8	80.4	89.8	6.64	10,214.0	644.5	974.9	811.8	163.09	5.978	
20,615.0	10,548.2	19,780.4	9,581.7	80.5	89.9	6.63	10,226.4	644.4	975.0	811.7	163.30	5.971	
20,700.0	10,548.5	19,891.6	9,581.1	81.1	90.9	6.53	10,337.6	642.5	975.9	811.2	164.68	5.926	
20,710.0	10,548.5	19,917.3	9,581.8	81.2	91.1	6.47	10,363.3	641.3	975.6	810.8	164.83	5.919	
20,800.0	10,548.8	19,987.1	9,583.6	81.8	91.7	6.30	10,433.0	638.1	973.3	807.1	166.18	5.857	
20,805.0	10,548.8	19,990.7	9,583.6	81.9	91.7	6.30	10,436.5	638.0	973.2	806.9	166.25	5.854	
20,845.9	10,549.0	20,020.0	9,583.8	82.2	92.0	6.24	10,465.8	637.0	973.0	806.1	166.83	5.832	
20,900.0	10,549.2	20,067.4	9,583.7	82.6	92.4	6.17	10,513.2	635.7	973.1	805.5	167.62	5.806	
20,995.0	10,549.5	20,158.6	9,582.6	83.3	93.2	6.00	10,604.4	632.7	974.2	805.2	169.04	5.763	
21,000.0	10,549.5	20,163.9	9,582.6	83.3	93.2	5.99	10,609.7	632.5	974.3	805.1	169.11	5.761	
21,090.0	10,549.8	20,256.8	9,581.7	84.0	94.0	5.75	10,702.4	628.3	975.0	804.5	170.49	5.719	
21,100.0	10,549.9	20,266.7	9,581.6	84.0	94.1	5.72	10,712.4	627.8	975.1	804.4	170.64	5.714	
21,185.0	10,550.2	20,356.1	9,581.0	84.7	94.9	5.47	10,801.7	623.5	975.6	803.7	171.94	5.674	
21,200.0	10,550.2	20,372.6	9,580.9	84.8	95.0	5.44	10,818.1	622.8	975.7	803.5	172.18	5.667	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #705H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8873-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
21,280.0	10,550.5	20,450.2	9,580.9	85.4	95.7	5.30	10,895.7	620.4	975.8	802.4	173.38	5.628	
21,300.0	10,550.6	20,468.6	9,580.8	85.5	95.8	5.26	10,914.1	619.7	975.9	802.2	173.67	5.619	
21,375.0	10,550.8	20,537.2	9,580.2	86.1	96.4	5.16	10,982.6	617.8	976.6	801.8	174.78	5.588	
21,400.0	10,550.9	20,560.0	9,580.0	86.2	96.6	5.15	11,005.4	617.7	977.0	801.8	175.14	5.578	
21,470.0	10,551.2	20,622.1	9,579.2	86.8	97.1	5.22	11,067.6	618.8	978.2	802.1	176.16	5.553	
21,500.0	10,551.3	20,648.1	9,578.7	87.0	97.4	5.26	11,093.5	619.6	979.0	802.4	176.59	5.544	
21,565.0	10,551.5	20,704.3	9,577.3	87.4	97.9	5.39	11,149.6	621.7	981.0	803.5	177.51	5.527	
21,600.0	10,551.6	20,734.3	9,576.4	87.7	98.1	5.46	11,179.6	623.1	982.4	804.4	178.00	5.519	
21,660.0	10,551.8	20,787.5	9,574.4	88.1	98.6	5.63	11,232.7	626.0	985.1	806.3	178.85	5.508	
21,700.0	10,552.0	20,830.3	9,572.8	88.4	98.9	5.76	11,275.4	628.4	987.0	807.5	179.50	5.498	
21,755.0	10,552.2	20,889.5	9,570.8	88.8	99.4	5.93	11,334.5	631.4	989.3	808.9	180.40	5.484	
21,800.0	10,552.3	20,938.6	9,569.3	89.2	99.9	6.05	11,383.5	633.6	991.1	810.0	181.13	5.472	
21,850.0	10,552.5	20,992.9	9,567.8	89.5	100.3	6.17	11,437.8	635.6	992.8	810.9	181.95	5.457	
21,900.0	10,552.7	21,047.0	9,566.5	89.9	100.8	6.25	11,491.8	637.2	994.3	811.6	182.76	5.441	
21,945.0	10,552.8	21,101.8	9,565.5	90.2	101.3	6.32	11,546.6	638.4	995.4	811.9	183.53	5.424	
22,000.0	10,553.0	21,173.4	9,565.2	90.6	101.9	6.40	11,618.2	639.7	996.0	811.5	184.47	5.399	
22,040.0	10,553.2	21,203.5	9,565.1	90.9	102.1	6.43	11,648.3	640.1	996.4	811.4	185.03	5.385	
22,100.0	10,553.4	21,255.0	9,564.5	91.4	102.6	6.46	11,699.8	640.6	997.3	811.4	185.90	5.365	
22,135.0	10,553.5	21,286.5	9,564.0	91.6	102.8	6.48	11,731.3	641.0	998.1	811.7	186.41	5.354	
22,200.0	10,553.7	21,344.2	9,562.7	92.1	103.3	6.53	11,789.0	641.8	999.9	812.5	187.35	5.337	
22,230.0	10,553.8	21,385.8	9,561.8	92.3	103.7	6.56	11,830.5	642.4	1,000.7	812.8	187.90	5.326	
22,300.0	10,554.1	21,481.0	9,561.7	92.9	104.5	6.55	11,925.7	642.1	1,001.0	811.9	189.10	5.293	
22,325.0	10,554.2	21,510.0	9,562.0	93.0	104.7	6.53	11,954.7	641.6	1,000.8	811.3	189.50	5.281	
22,400.0	10,554.4	21,584.2	9,562.9	93.6	105.4	6.47	12,028.9	640.3	999.9	809.3	190.64	5.245	
22,420.0	10,554.5	21,602.3	9,563.1	93.7	105.5	6.45	12,047.0	640.0	999.8	808.8	190.94	5.236	
22,436.1	10,554.5	21,616.8	9,563.2	93.9	105.7	6.44	12,061.5	639.8	999.7	808.5	191.18	5.229	
22,500.0	10,554.8	21,683.8	9,563.8	94.3	106.2	6.40	12,128.5	638.7	999.3	807.1	192.17	5.200	
22,515.0	10,554.8	21,698.8	9,563.9	94.4	106.4	6.38	12,143.5	638.5	999.2	806.8	192.40	5.193	
22,561.6	10,555.0	21,737.0	9,564.3	94.8	106.7	6.35	12,181.7	637.7	998.8	805.7	193.09	5.173	
22,566.0	10,555.0	21,737.0	9,564.3	94.8	106.7	6.35	12,181.7	637.7	998.8	805.7	193.13	5.172	
22,566.5	10,555.0	21,737.0	9,564.3	94.8	106.7	6.35	12,181.7	637.7	998.8	805.7	193.14	5.172	

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	2.0	2.0	3.0	3.0	93.26	-32.5	569.8	570.7				
95.0	95.0	98.9	98.9	3.0	3.0	93.25	-32.3	569.7	570.6	564.6	6.02	94.816	
100.0	100.0	104.1	104.1	3.0	3.0	93.25	-32.3	569.6	570.6	564.5	6.02	94.767	
190.0	190.0	194.3	194.3	3.1	3.0	93.22	-32.0	569.3	570.2	564.1	6.13	93.024	
200.0	200.0	204.4	204.4	3.1	3.0	93.21	-32.0	569.3	570.2	564.0	6.15	92.750	
285.0	285.0	289.2	289.2	3.3	3.0	93.21	-31.9	568.9	569.8	563.6	6.25	91.122	
300.0	300.0	304.2	304.2	3.3	3.0	93.20	-31.9	568.9	569.8	563.5	6.27	90.800	
380.0	380.0	385.0	385.0	3.4	3.0	93.20	-31.8	568.5	569.4	563.0	6.38	89.295	
400.0	400.0	404.9	404.9	3.4	3.0	93.20	-31.8	568.4	569.3	562.9	6.40	88.893	
475.0	475.0	481.2	481.2	3.5	3.0	93.20	-31.8	567.9	568.8	562.3	6.50	87.495	
500.0	500.0	506.5	506.5	3.5	3.1	93.20	-31.8	567.7	568.6	562.1	6.54	87.005	
570.0	570.0	578.1	578.1	3.6	3.1	93.21	-31.8	567.1	568.0	561.3	6.63	85.695	
600.0	600.0	609.2	609.2	3.6	3.1	93.21	-31.8	566.7	567.6	561.0	6.67	85.108	
665.0	665.0	677.2	677.2	3.7	3.1	93.19	-31.6	565.6	566.6	559.9	6.76	83.857	
700.0	700.0	714.4	714.4	3.8	3.1	93.18	-31.4	564.9	565.9	559.1	6.81	83.150	
760.0	760.0	779.2	779.1	3.8	3.1	93.14	-30.9	563.2	564.4	557.5	6.89	81.937	
800.0	800.0	822.5	822.4	3.9	3.2	93.10	-30.5	561.8	563.0	556.1	6.94	81.077	
855.0	855.0	878.4	878.3	4.0	3.2	93.05	-29.8	559.7	560.9	553.9	7.02	79.913	
900.0	900.0	923.0	922.8	4.0	3.2	93.00	-29.3	558.1	559.3	552.2	7.08	78.957	
950.0	950.0	973.8	973.6	4.1	3.2	92.95	-28.7	556.2	557.4	550.2	7.15	77.923	
1,000.0	1,000.0	1,054.4	1,054.0	4.1	3.3	92.98	-28.7	551.6	554.8	547.6	7.22	76.840	
1,045.0	1,045.0	1,106.6	1,106.0	4.2	3.3	93.19	-30.5	546.3	550.3	543.0	7.28	75.589	
1,100.0	1,100.0	1,166.9	1,165.8	4.2	3.3	93.56	-33.6	539.2	544.0	536.7	7.36	73.962	
1,140.0	1,140.0	1,206.2	1,204.7	4.3	3.3	93.82	-35.7	534.5	539.4	531.9	7.41	72.766	
1,200.0	1,200.0	1,264.3	1,262.3	4.4	3.4	94.20	-38.7	527.6	532.4	524.9	7.50	70.995	
1,235.0	1,235.0	1,296.9	1,294.7	4.4	3.4	94.41	-40.4	523.8	528.5	521.0	7.55	69.999	
1,300.0	1,300.0	1,356.8	1,354.2	4.5	3.4	94.78	-43.3	517.3	521.7	514.1	7.65	68.227	
1,330.0	1,330.0	1,386.3	1,383.4	4.5	3.4	94.97	-44.8	514.3	518.8	511.1	7.69	67.457	
1,400.0	1,400.0	1,459.9	1,456.4	4.6	3.5	95.61	-49.7	506.2	511.5	503.7	7.79	65.676	
1,425.0	1,425.0	1,484.0	1,480.3	4.6	3.5	95.88	-51.8	503.4	508.9	501.1	7.82	65.041	
1,500.0	1,500.0	1,554.5	1,550.1	4.7	3.5	96.66	-57.9	495.7	501.4	493.5	7.93	63.212	
1,520.0	1,520.0	1,573.9	1,569.3	4.7	3.5	-1.58	-59.5	493.7	499.4	491.4	7.98	62.577	
1,600.0	1,600.0	1,652.8	1,647.5	4.8	3.6	-0.71	-66.0	485.4	490.3	482.1	8.18	59.908	
1,615.0	1,615.0	1,667.9	1,662.5	4.8	3.6	-0.54	-67.3	483.8	488.3	480.1	8.23	59.308	
1,700.0	1,699.8	1,768.8	1,762.4	5.0	3.6	0.44	-73.6	471.6	474.2	465.7	8.52	55.684	
1,710.0	1,709.8	1,778.6	1,772.1	5.0	3.7	0.51	-74.1	470.2	472.2	463.6	8.55	55.223	
1,800.0	1,799.5	1,858.2	1,851.0	5.2	3.7	1.17	-77.5	460.0	453.5	444.6	8.88	51.067	
1,805.0	1,804.4	1,862.4	1,855.1	5.2	3.7	1.21	-77.7	459.5	452.4	443.5	8.89	50.882	
1,850.0	1,849.2	1,900.0	1,892.5	5.3	3.7	1.51	-79.2	455.3	442.8	433.8	8.99	49.229	
1,900.0	1,898.8	1,942.6	1,934.9	5.4	3.8	1.85	-80.9	451.3	432.4	423.3	9.10	47.494	
1,995.0	1,993.0	2,040.3	2,032.1	5.6	3.8	2.70	-85.1	443.1	413.9	404.5	9.39	44.068	
2,000.0	1,998.0	2,047.8	2,039.5	5.6	3.9	2.79	-85.5	442.3	412.8	403.4	9.41	43.893	
2,090.0	2,087.3	2,147.2	2,137.8	5.9	3.9	4.32	-92.7	429.2	391.6	382.0	9.68	40.449	
2,100.0	2,097.3	2,156.6	2,147.1	5.9	3.9	4.48	-93.4	427.9	389.2	379.5	9.71	40.063	
2,185.0	2,181.6	2,228.7	2,218.3	6.1	4.0	5.81	-99.1	418.3	369.6	359.6	10.01	36.909	
2,200.0	2,196.5	2,241.7	2,231.1	6.2	4.0	6.06	-100.2	416.8	366.4	356.4	10.07	36.403	
2,280.0	2,275.9	2,308.7	2,297.7	6.4	4.1	7.34	-105.6	410.4	351.0	340.7	10.35	33.906	
2,300.0	2,295.8	2,327.8	2,316.7	6.5	4.1	7.70	-107.1	408.8	347.5	337.1	10.42	33.347	
2,375.0	2,370.2	2,409.0	2,397.3	6.7	4.1	9.26	-113.0	402.0	334.0	323.3	10.67	31.293	
2,400.0	2,395.0	2,434.1	2,422.2	6.8	4.2	9.72	-114.4	399.5	329.1	318.3	10.76	30.583	
2,470.0	2,464.5	2,504.3	2,492.0	7.0	4.2	11.01	-118.0	392.6	315.4	304.4	11.01	28.645	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,500.0	2,494.3	2,538.6	2,526.1	7.1	4.3	11.56	-118.9	389.0	309.1	298.0	11.11	27.819	
2,565.0	2,558.8	2,601.8	2,588.9	7.3	4.3	12.53	-120.0	382.1	295.2	283.8	11.36	25.995	
2,600.0	2,593.5	2,635.6	2,622.6	7.4	4.3	13.09	-120.6	378.5	287.7	276.3	11.49	25.049	
2,660.0	2,653.1	2,692.7	2,679.4	7.6	4.4	14.08	-121.6	372.5	275.2	263.5	11.72	23.491	
2,700.0	2,692.8	2,731.7	2,718.1	7.8	4.4	14.81	-122.3	368.5	267.1	255.2	11.87	22.508	
2,755.0	2,747.4	2,785.1	2,771.3	7.9	4.5	15.90	-123.3	363.0	255.9	243.8	12.07	21.205	
2,800.0	2,792.0	2,828.7	2,814.5	8.1	4.5	16.86	-124.2	358.6	246.9	234.6	12.23	20.182	
2,850.0	2,841.7	2,875.0	2,860.6	8.3	4.6	18.02	-125.5	353.9	237.2	224.7	12.42	19.100	
2,900.0	2,891.3	2,922.6	2,907.9	8.5	4.6	19.58	-127.9	349.1	228.0	215.5	12.58	18.126	
2,945.0	2,936.0	2,966.3	2,951.3	8.6	4.7	21.21	-130.5	344.6	220.1	207.4	12.72	17.311	
3,000.0	2,990.6	3,019.3	3,003.9	8.8	4.7	23.35	-133.7	339.2	210.7	197.9	12.87	16.377	
3,040.0	3,030.3	3,057.8	3,042.2	9.0	4.7	24.99	-136.0	335.4	204.3	191.3	12.97	15.750	
3,100.0	3,089.8	3,116.0	3,100.0	9.2	4.8	27.67	-139.5	329.8	195.0	181.9	13.10	14.888	
3,135.0	3,124.5	3,150.0	3,133.8	9.3	4.8	29.34	-141.6	326.6	189.9	176.7	13.16	14.424	
3,200.0	3,189.1	3,212.7	3,196.1	9.6	4.9	32.59	-145.4	320.9	181.0	167.7	13.26	13.650	
3,230.0	3,218.8	3,242.0	3,225.2	9.7	4.9	34.19	-147.1	318.4	177.1	163.8	13.29	13.330	
3,300.0	3,288.3	3,310.2	3,293.1	9.9	5.0	38.13	-151.1	312.5	168.8	155.4	13.32	12.665	
3,325.0	3,313.1	3,334.5	3,317.2	10.0	5.0	39.62	-152.5	310.5	166.0	152.7	13.33	12.458	
3,400.0	3,387.6	3,407.9	3,390.3	10.3	5.1	44.23	-156.6	304.7	158.6	145.3	13.30	11.924	
3,420.0	3,407.4	3,427.4	3,409.7	10.4	5.1	45.49	-157.6	303.2	156.8	143.5	13.28	11.802	
3,500.0	3,486.8	3,506.0	3,488.0	10.7	5.2	50.74	-161.6	297.5	150.3	137.1	13.19	11.401	
3,515.0	3,501.7	3,520.7	3,502.7	10.7	5.2	51.76	-162.3	296.4	149.3	136.1	13.16	11.340	
3,600.0	3,586.1	3,604.8	3,586.4	11.1	5.3	57.88	-166.4	290.2	144.2	131.2	13.00	11.089	
3,610.0	3,596.0	3,615.3	3,596.9	11.1	5.3	58.70	-166.9	289.4	143.6	130.6	12.97	11.069	
3,700.0	3,685.3	3,704.3	3,685.5	11.5	5.4	66.12	-170.4	281.4	139.2	126.5	12.76	10.914	
3,705.0	3,690.3	3,709.2	3,690.3	11.5	5.4	66.54	-170.6	280.9	139.0	126.3	12.74	10.910	
3,800.0	3,784.6	3,801.9	3,782.5	11.8	5.5	74.68	-174.3	272.4	137.2	124.6	12.58	10.906	
3,807.8	3,792.3	3,809.5	3,790.1	11.9	5.5	75.36	-174.6	271.7	137.2	124.6	12.58	10.912	CC, ES
3,895.0	3,878.9	3,894.6	3,874.8	12.2	5.6	82.90	-178.1	263.8	138.5	125.9	12.58	11.006	
3,900.0	3,883.8	3,899.5	3,879.7	12.2	5.6	83.33	-178.3	263.3	138.6	126.0	12.59	11.012	
3,990.0	3,973.2	3,987.6	3,967.3	12.6	5.7	90.81	-181.9	255.2	142.6	129.8	12.81	11.131	
4,000.0	3,983.1	3,997.4	3,977.1	12.6	5.7	91.61	-182.3	254.4	143.2	130.4	12.85	11.144	
4,085.0	4,067.5	4,080.9	4,060.1	13.0	5.8	97.99	-185.6	247.2	149.2	135.9	13.27	11.245	
4,100.0	4,082.4	4,095.5	4,074.7	13.0	5.8	99.04	-186.2	246.0	150.4	137.1	13.36	11.263	
4,180.0	4,161.8	4,173.8	4,152.7	13.3	5.9	104.36	-189.4	239.5	157.9	144.0	13.89	11.367	
4,200.0	4,181.6	4,193.6	4,172.4	13.4	5.9	105.62	-190.2	237.9	159.9	145.9	14.03	11.394	
4,275.0	4,256.0	4,267.2	4,245.7	13.7	6.0	109.94	-193.2	232.2	168.1	153.5	14.60	11.516	
4,300.0	4,280.9	4,291.5	4,270.0	13.8	6.0	111.26	-194.2	230.3	171.1	156.3	14.80	11.563	
4,370.0	4,350.3	4,360.0	4,338.1	14.1	6.1	114.70	-197.2	225.2	179.9	164.5	15.35	11.721	
4,400.0	4,380.1	4,389.1	4,367.2	14.2	6.1	116.05	-198.6	223.0	183.8	168.3	15.58	11.799	
4,465.0	4,444.6	4,452.9	4,430.8	14.5	6.2	118.80	-201.5	218.2	192.8	176.7	16.09	11.982	
4,500.0	4,479.4	4,487.1	4,464.7	14.6	6.2	120.16	-203.2	215.7	197.9	181.5	16.36	12.092	
4,560.0	4,538.9	4,545.4	4,522.9	14.9	6.3	122.34	-206.0	211.3	206.8	190.0	16.82	12.293	
4,600.0	4,578.6	4,580.3	4,557.5	15.0	6.3	123.63	-207.7	208.3	213.4	196.3	17.09	12.484	
4,655.0	4,633.2	4,631.5	4,608.3	15.2	6.4	125.54	-210.6	202.7	223.5	206.0	17.50	12.772	
4,700.0	4,677.9	4,675.3	4,651.8	15.4	6.4	127.06	-213.2	197.8	232.2	214.4	17.86	13.006	
4,750.0	4,727.5	4,724.9	4,701.0	15.6	6.5	128.61	-216.1	192.4	241.9	223.7	18.24	13.262	
4,800.0	4,777.1	4,775.3	4,751.1	15.8	6.6	130.00	-219.1	187.3	251.6	232.9	18.62	13.509	
4,845.0	4,821.8	4,820.5	4,796.1	16.0	6.6	131.11	-221.8	183.2	260.0	241.1	18.95	13.723	
4,900.0	4,876.4	4,874.0	4,849.2	16.2	6.7	132.31	-224.9	178.4	270.4	251.0	19.31	13.997	
4,940.0	4,916.1	4,912.8	4,887.8	16.4	6.7	133.13	-227.2	174.9	278.0	258.4	19.58	14.198	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,975.6	4,966.4	4,941.0	16.6	6.8	134.29	-230.4	169.3	290.1	270.1	19.93	14.553	
5,035.0	5,010.4	4,999.6	4,973.9	16.8	6.8	135.03	-232.2	165.4	297.6	277.4	20.16	14.756	
5,100.0	5,074.9	5,064.6	5,038.4	17.0	6.9	136.37	-235.8	157.8	311.5	290.8	20.62	15.105	
5,130.0	5,104.7	5,095.1	5,068.6	17.2	6.9	136.95	-237.4	154.4	317.8	296.9	20.83	15.255	
5,200.0	5,174.2	5,167.5	5,140.5	17.4	7.0	138.17	-241.2	147.2	331.9	310.6	21.32	15.572	
5,225.0	5,199.0	5,192.8	5,165.8	17.5	7.0	138.55	-242.6	144.8	336.9	315.4	21.48	15.682	
5,300.0	5,273.4	5,267.1	5,239.7	17.8	7.1	139.61	-246.4	138.2	351.5	329.5	21.95	16.012	
5,320.0	5,293.3	5,286.4	5,258.8	17.9	7.1	139.87	-247.4	136.5	355.3	333.3	22.07	16.103	
5,400.0	5,372.7	5,352.4	5,324.4	18.2	7.2	140.77	-250.8	129.8	372.0	349.6	22.44	16.577	
5,415.0	5,387.6	5,366.6	5,338.5	18.3	7.2	140.97	-251.6	128.0	375.5	352.9	22.53	16.664	
5,500.0	5,471.9	5,449.6	5,420.7	18.7	7.3	142.07	-256.5	117.8	395.1	372.0	23.05	17.140	
5,510.0	5,481.8	5,459.5	5,430.5	18.7	7.4	142.19	-257.0	116.5	397.4	374.3	23.11	17.193	
5,600.0	5,571.2	5,551.4	5,521.6	19.1	7.5	143.25	-262.1	105.9	417.6	393.9	23.69	17.629	
5,605.0	5,576.1	5,556.4	5,526.6	19.1	7.5	143.31	-262.4	105.4	418.7	395.0	23.72	17.652	
5,700.0	5,670.4	5,652.8	5,622.3	19.5	7.6	144.27	-267.5	95.2	439.1	414.8	24.30	18.070	
5,795.0	5,764.7	5,766.7	5,735.7	19.9	7.7	145.36	-272.2	84.8	458.3	433.3	25.02	18.315	
5,800.0	5,769.7	5,772.6	5,741.5	19.9	7.7	145.42	-272.3	84.4	459.1	434.1	25.06	18.322	
5,890.0	5,859.0	5,867.8	5,836.6	20.3	7.8	146.40	-273.7	78.4	473.9	448.2	25.65	18.478	
5,900.0	5,868.9	5,884.0	5,852.7	20.3	7.9	146.56	-273.7	77.7	475.4	449.6	25.75	18.462	
5,928.9	5,897.7	5,922.6	5,891.3	20.4	7.9	146.93	-273.7	76.6	479.0	453.0	25.97	18.442	
5,985.0	5,953.3	5,978.6	5,947.3	20.6	8.0	147.46	-273.6	75.5	485.4	459.1	26.29	18.465	
6,000.0	5,968.2	5,993.4	5,962.0	20.7	8.0	147.59	-273.5	75.2	487.1	460.7	26.37	18.470	
6,080.0	6,047.8	6,073.1	6,041.8	21.0	8.1	148.22	-273.4	73.8	495.3	468.5	26.81	18.472	
6,100.0	6,067.7	6,092.4	6,061.1	21.1	8.1	148.35	-273.5	73.5	497.3	470.3	26.92	18.472	
6,175.0	6,142.5	6,166.1	6,134.8	21.4	8.2	148.78	-273.9	72.2	504.1	476.8	27.30	18.462	
6,200.0	6,167.4	6,190.4	6,159.0	21.5	8.2	148.89	-274.1	71.8	506.2	478.8	27.43	18.457	
6,270.0	6,237.2	6,258.6	6,227.2	21.7	8.3	149.13	-275.2	70.6	511.9	484.1	27.75	18.448	
6,300.0	6,267.2	6,288.2	6,256.8	21.8	8.3	149.20	-275.8	70.1	514.1	486.3	27.88	18.441	
6,365.0	6,332.1	6,355.2	6,323.8	22.0	8.4	149.25	-277.9	69.3	518.5	490.4	28.15	18.420	
6,400.0	6,367.0	6,393.5	6,362.1	22.2	8.4	149.20	-279.4	69.3	520.4	492.1	28.28	18.398	
6,460.0	6,427.0	6,454.0	6,422.5	22.3	8.4	148.98	-282.6	69.8	522.9	494.4	28.45	18.381	
6,500.0	6,467.0	6,493.9	6,462.3	22.5	8.4	148.77	-285.1	70.3	524.3	495.8	28.54	18.369	
6,555.0	6,522.0	6,550.9	6,519.2	22.6	8.5	148.45	-288.6	71.0	525.8	497.1	28.65	18.350	
6,600.0	6,567.0	6,597.5	6,565.7	22.7	8.5	148.27	-290.5	71.5	526.4	497.7	28.75	18.308	
6,629.0	6,596.0	6,625.9	6,594.1	22.7	8.5	-113.38	-291.5	71.7	526.7	497.9	28.77	18.304	
6,650.0	6,617.0	6,646.3	6,614.5	22.7	8.5	-113.46	-292.2	71.9	526.8	498.1	28.78	18.309	
6,700.0	6,667.0	6,696.3	6,664.4	22.7	8.5	-113.66	-294.1	72.2	527.3	498.5	28.78	18.319	
6,745.0	6,712.0	6,740.4	6,708.5	22.8	8.6	-113.83	-295.7	72.4	527.7	498.9	28.79	18.327	
6,800.0	6,767.0	6,794.6	6,762.7	22.8	8.6	-114.04	-297.7	72.7	528.3	499.5	28.81	18.336	
6,840.0	6,807.0	6,832.5	6,800.6	22.8	8.6	-114.18	-299.1	72.7	528.9	500.0	28.82	18.349	
6,900.0	6,867.0	6,888.9	6,857.0	22.8	8.7	-114.36	-301.1	72.4	530.0	501.2	28.85	18.374	
6,935.0	6,902.0	6,925.0	6,893.0	22.8	8.7	-114.42	-301.9	71.9	530.8	501.9	28.89	18.372	
7,000.0	6,967.0	6,991.9	6,960.0	22.8	8.8	-114.29	-301.2	70.5	531.8	502.8	29.01	18.335	
7,030.0	6,997.0	7,017.7	6,985.7	22.8	8.8	-114.23	-300.9	69.8	532.4	503.4	29.03	18.341	
7,100.0	7,067.0	7,082.5	7,050.5	22.9	8.9	-114.13	-300.9	67.5	534.6	505.5	29.12	18.361	
7,125.0	7,092.0	7,107.1	7,075.0	22.9	8.9	-114.09	-300.9	66.6	535.5	506.3	29.16	18.365	
7,200.0	7,167.0	7,179.9	7,147.7	22.9	9.0	-114.00	-301.2	63.8	538.3	509.0	29.27	18.387	
7,220.0	7,187.0	7,198.8	7,166.7	22.9	9.0	-113.98	-301.4	63.0	539.1	509.8	29.30	18.398	
7,300.0	7,267.0	7,280.7	7,248.5	22.9	9.1	-113.93	-302.4	59.7	542.4	513.0	29.45	18.420	
7,315.0	7,282.0	7,302.7	7,270.5	22.9	9.1	-113.91	-302.4	59.0	542.9	513.4	29.51	18.395	
7,400.0	7,367.0	7,400.0	7,367.7	23.0	9.2	-113.70	-300.8	57.7	543.3	513.6	29.69	18.301	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,410.0	7,377.0	7,409.8	7,377.5	23.0	9.2	-113.67	-300.6	57.6	543.3	513.6	29.70	18.295	
7,500.0	7,467.0	7,500.2	7,467.9	23.0	9.2	-113.46	-298.9	56.5	543.6	513.8	29.81	18.235	
7,505.0	7,472.0	7,505.1	7,472.9	23.0	9.2	-113.44	-298.7	56.4	543.6	513.8	29.82	18.232	
7,600.0	7,567.0	7,598.8	7,566.5	23.0	9.3	-113.21	-296.8	55.3	543.8	513.9	29.92	18.174	
7,695.0	7,662.0	7,687.4	7,655.1	23.1	9.4	-113.15	-296.6	54.2	544.9	514.9	30.03	18.144	
7,700.0	7,667.0	7,692.3	7,660.0	23.1	9.4	-113.15	-296.7	54.1	545.0	514.9	30.04	18.142	
7,790.0	7,757.0	7,775.9	7,743.6	23.1	9.5	-113.23	-298.1	52.7	546.9	516.8	30.13	18.153	
7,800.0	7,767.0	7,785.4	7,753.1	23.1	9.5	-113.24	-298.3	52.5	547.2	517.1	30.14	18.156	
7,885.0	7,852.0	7,869.8	7,837.4	23.1	9.6	-113.41	-300.9	50.7	549.9	519.7	30.24	18.187	
7,900.0	7,867.0	7,891.9	7,859.5	23.1	9.6	-113.44	-301.3	50.3	550.3	520.0	30.30	18.165	
7,980.0	7,947.0	7,979.3	7,946.9	23.2	9.7	-113.37	-300.9	49.6	550.8	520.3	30.44	18.094	
8,000.0	7,967.0	7,999.1	7,966.7	23.2	9.7	-113.35	-300.8	49.4	550.8	520.4	30.46	18.082	
8,075.0	8,042.0	8,072.4	8,040.0	23.2	9.8	-113.27	-300.2	48.8	551.2	520.6	30.55	18.042	
8,100.0	8,067.0	8,096.0	8,063.6	23.2	9.8	-113.25	-300.1	48.6	551.4	520.8	30.58	18.031	
8,170.0	8,137.0	8,164.4	8,131.9	23.2	9.9	-113.20	-300.0	47.6	552.2	521.5	30.68	17.997	
8,200.0	8,167.0	8,194.0	8,161.6	23.2	9.9	-113.19	-300.1	47.3	552.6	521.9	30.73	17.982	
8,265.0	8,232.0	8,258.9	8,226.4	23.2	10.0	-113.21	-300.6	46.5	553.5	522.6	30.83	17.953	
8,300.0	8,267.0	8,293.0	8,260.5	23.3	10.0	-113.23	-300.9	46.1	554.0	523.1	30.88	17.941	
8,360.0	8,327.0	8,351.1	8,318.7	23.3	10.1	-113.28	-301.8	45.4	555.0	524.1	30.95	17.932	
8,400.0	8,367.0	8,390.0	8,357.6	23.3	10.1	-113.33	-302.5	44.9	555.8	524.8	31.00	17.930	
8,455.0	8,422.0	8,443.2	8,410.7	23.3	10.2	-113.42	-303.8	44.2	557.0	525.9	31.05	17.936	
8,500.0	8,467.0	8,486.8	8,454.3	23.3	10.2	-113.56	-305.5	43.7	558.1	527.0	31.09	17.954	
8,550.0	8,517.0	8,535.3	8,502.8	23.3	10.3	-113.71	-307.3	43.1	559.5	528.4	31.13	17.976	
8,600.0	8,567.0	8,582.7	8,550.1	23.4	10.3	-113.76	-308.4	41.9	561.1	529.9	31.18	17.993	
8,645.0	8,612.0	8,627.7	8,595.1	23.4	10.4	-113.77	-309.1	40.6	562.6	531.3	31.25	18.000	
8,700.0	8,667.0	8,682.0	8,649.4	23.4	10.4	-113.76	-309.7	38.8	564.5	533.2	31.34	18.011	
8,740.0	8,707.0	8,724.2	8,691.6	23.4	10.5	-113.74	-310.2	37.4	565.8	534.4	31.42	18.008	
8,800.0	8,767.0	8,784.4	8,751.7	23.4	10.6	-113.72	-310.7	35.6	567.8	536.2	31.52	18.010	
8,835.0	8,802.0	8,820.4	8,787.7	23.4	10.6	-113.70	-311.0	34.5	568.8	537.2	31.56	18.023	
8,900.0	8,867.0	8,885.7	8,853.0	23.5	10.6	-113.70	-311.7	32.8	570.6	539.0	31.59	18.062	
8,930.0	8,897.0	8,915.6	8,882.8	23.5	10.6	-113.71	-312.1	32.1	571.5	539.9	31.61	18.081	
9,000.0	8,967.0	8,985.7	8,952.9	23.5	10.6	-113.67	-312.5	30.2	573.4	541.7	31.65	18.114	
9,025.0	8,992.0	9,011.6	8,978.8	23.5	10.6	-113.52	-311.5	28.9	574.1	542.4	31.69	18.113	
9,100.0	9,067.0	9,099.7	9,064.8	23.5	10.6	-111.76	-295.8	20.8	575.3	543.3	32.03	17.962	
9,120.0	9,087.0	9,117.3	9,081.5	23.5	10.6	-111.21	-290.7	18.6	575.5	543.4	32.11	17.923	
9,200.0	9,167.0	9,187.0	9,145.8	23.6	10.7	-108.53	-265.9	7.9	577.7	545.2	32.48	17.788	
9,215.0	9,182.0	9,199.3	9,156.6	23.6	10.7	-107.96	-260.6	5.6	578.3	545.8	32.55	17.770	
9,300.0	9,267.0	9,292.1	9,232.6	23.6	10.7	-102.75	-211.0	-12.5	583.2	550.0	33.16	17.589	
9,310.0	9,277.0	9,298.9	9,237.8	23.6	10.7	-102.32	-206.7	-13.8	583.8	550.6	33.19	17.590	
9,400.0	9,367.0	9,356.1	9,279.4	23.6	10.8	-98.49	-169.2	-25.4	593.7	560.3	33.47	17.740	
9,405.0	9,372.0	9,359.1	9,281.5	23.7	10.8	-98.29	-167.1	-26.0	594.5	561.0	33.48	17.756	
9,500.0	9,467.0	9,409.5	9,315.9	23.7	10.9	-94.78	-131.9	-37.1	613.7	580.0	33.69	18.214	
9,595.0	9,562.0	9,473.0	9,354.6	23.7	10.9	-90.11	-83.6	-51.0	641.2	607.3	33.92	18.903	
9,600.0	9,567.0	9,476.3	9,356.4	23.7	10.9	-89.86	-81.0	-51.6	642.9	608.9	33.93	18.946	
9,690.0	9,657.0	9,528.9	9,385.2	23.8	11.0	-85.88	-38.1	-61.3	675.9	641.8	34.09	19.831	
9,700.0	9,667.0	9,533.5	9,387.7	23.8	11.0	-85.53	-34.2	-62.1	680.0	645.9	34.10	19.942	
9,785.0	9,752.0	9,572.3	9,408.2	23.8	11.1	-82.66	-2.1	-69.1	718.1	683.9	34.23	20.980	
9,800.0	9,767.0	9,578.8	9,411.7	23.8	11.1	-82.19	3.3	-70.3	725.4	691.2	34.25	21.179	
9,880.0	9,847.0	9,614.0	9,430.2	23.8	11.2	-79.70	32.4	-77.1	767.1	732.7	34.39	22.307	
9,900.0	9,867.0	9,622.4	9,434.6	23.8	11.2	-79.12	39.4	-78.8	778.1	743.7	34.42	22.604	
9,974.1	9,941.0	9,654.5	9,451.0	23.9	11.3	-76.92	66.3	-85.0	821.0	786.4	34.56	23.758	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,975.0	9,942.0	9,654.9	9,451.2	23.9	11.3	-76.70	66.6	-85.1	821.6	787.0	34.56	23.773	
10,000.0	9,967.0	9,662.0	9,454.7	23.9	11.3	-74.40	72.6	-86.4	836.6	802.0	34.61	24.174	
10,050.0	10,016.8	9,685.0	9,465.9	23.8	11.4	-69.40	92.2	-90.7	866.9	832.2	34.69	24.989	
10,070.0	10,036.5	9,693.3	9,469.9	23.8	11.4	-67.53	99.4	-92.2	879.0	844.3	34.73	25.312	
10,100.0	10,066.0	9,709.0	9,477.2	23.8	11.4	-64.67	113.0	-95.1	897.1	862.3	34.78	25.795	
10,150.0	10,114.2	9,727.7	9,485.6	23.8	11.5	-60.57	129.3	-98.4	926.8	891.9	34.89	26.563	
10,165.0	10,128.5	9,734.2	9,488.4	23.8	11.5	-59.37	135.1	-99.5	935.6	900.7	34.92	26.791	
10,200.0	10,161.2	9,755.0	9,497.1	23.8	11.6	-56.54	153.7	-103.0	955.8	920.8	34.99	27.319	
10,250.0	10,206.4	9,768.0	9,502.3	23.8	11.6	-53.38	165.4	-105.1	983.7	948.6	35.13	27.999	
10,260.0	10,215.3	9,771.4	9,503.6	23.8	11.6	-52.76	168.5	-105.7	989.2	954.0	35.16	28.133	
10,300.0	10,249.7	9,785.3	9,508.8	23.8	11.7	-50.43	181.1	-107.9	1,010.6	975.4	35.27	28.651	
10,350.0	10,290.6	9,802.0	9,514.6	23.8	11.7	-47.83	196.6	-110.7	1,036.3	1,000.9	35.42	29.261	
10,355.0	10,294.5	9,802.0	9,514.6	23.8	11.7	-47.61	196.6	-110.7	1,038.8	1,003.3	35.43	29.316	
10,400.0	10,328.8	9,821.4	9,521.0	23.8	11.8	-45.51	214.6	-114.1	1,060.5	1,024.9	35.55	29.830	
10,450.0	10,364.1	9,851.0	9,529.9	23.8	11.9	-43.45	242.2	-119.7	1,083.2	1,047.5	35.66	30.374	
10,500.0	10,396.2	9,851.0	9,529.9	23.8	11.9	-41.90	242.2	-119.7	1,103.9	1,068.1	35.82	30.820	
10,545.0	10,422.1	9,873.8	9,536.0	23.8	11.9	-40.58	263.7	-124.4	1,121.1	1,085.1	35.91	31.216	
10,550.0	10,424.8	9,875.5	9,536.4	23.8	11.9	-40.45	265.3	-124.7	1,122.9	1,087.0	35.92	31.256	
10,600.0	10,449.7	9,898.0	9,541.5	23.8	12.0	-39.27	286.7	-129.5	1,140.1	1,104.1	36.02	31.647	
10,640.0	10,466.9	9,898.0	9,541.5	23.8	12.0	-38.45	286.7	-129.5	1,152.5	1,116.4	36.11	31.920	
10,650.0	10,470.7	9,898.0	9,541.5	23.8	12.0	-38.26	286.7	-129.5	1,155.4	1,119.3	36.12	31.987	
10,700.0	10,487.8	9,926.9	9,547.0	23.9	12.1	-37.53	314.4	-136.1	1,168.5	1,132.3	36.19	32.286	
10,735.0	10,497.2	9,945.0	9,549.8	23.9	12.2	-37.15	331.6	-140.5	1,176.6	1,140.3	36.23	32.472	
10,750.0	10,500.6	9,945.0	9,549.8	23.9	12.2	-36.96	331.6	-140.5	1,179.6	1,143.4	36.25	32.546	
10,800.0	10,509.2	9,971.5	9,553.3	24.0	12.3	-36.65	357.1	-147.0	1,188.5	1,152.2	36.29	32.751	
10,830.0	10,512.3	9,988.4	9,555.1	24.0	12.4	-36.56	373.4	-151.1	1,192.6	1,156.3	36.31	32.843	
10,850.0	10,513.5	10,002.0	9,556.4	24.0	12.4	-36.57	386.5	-154.3	1,194.9	1,158.5	36.33	32.892	
10,872.1	10,514.0	10,016.7	9,557.7	24.0	12.5	-36.61	400.8	-157.8	1,196.8	1,160.5	36.33	32.944	
10,900.0	10,514.1	10,040.0	9,559.8	24.1	12.6	-36.89	423.3	-163.4	1,199.0	1,163.0	35.93	33.370	
10,925.0	10,514.2	10,040.0	9,559.8	24.1	12.6	-36.89	423.3	-163.4	1,201.2	1,165.3	35.85	33.502	
11,000.0	10,514.4	10,099.6	9,562.6	24.2	12.9	-37.45	481.4	-176.3	1,208.6	1,172.6	35.99	33.585	
11,020.0	10,514.5	10,111.8	9,562.6	24.2	12.9	-37.53	493.4	-178.5	1,210.9	1,174.9	36.01	33.628	
11,100.0	10,514.8	10,276.5	9,557.9	24.3	13.7	-38.13	656.6	-199.0	1,220.2	1,183.3	36.89	33.078	
11,115.0	10,514.9	10,291.5	9,558.0	24.3	13.8	-38.17	671.5	-200.2	1,221.0	1,184.0	36.96	33.035	
11,200.0	10,515.1	10,420.0	9,557.5	24.4	14.5	-38.28	799.8	-204.2	1,222.6	1,184.9	37.68	32.443	
11,210.0	10,515.2	10,420.0	9,557.5	24.5	14.5	-38.28	799.8	-204.2	1,222.8	1,185.1	37.67	32.459	
11,300.0	10,515.5	10,484.8	9,554.2	24.6	14.8	-38.16	864.5	-203.8	1,226.0	1,188.0	38.02	32.250	
11,305.0	10,515.5	10,488.9	9,554.0	24.6	14.9	-38.15	868.6	-203.8	1,226.3	1,188.2	38.04	32.236	
11,400.0	10,515.9	10,562.2	9,550.7	24.8	15.3	-38.11	941.8	-205.7	1,231.3	1,192.8	38.47	32.002	
11,495.0	10,516.2	10,723.6	9,545.7	25.0	16.3	-38.13	1,103.0	-210.8	1,236.3	1,196.7	39.59	31.225	
11,500.0	10,516.2	10,729.5	9,545.6	25.0	16.3	-38.12	1,108.9	-210.7	1,236.3	1,196.7	39.63	31.193	
11,590.0	10,516.5	10,821.2	9,543.4	25.2	16.9	-37.95	1,200.6	-208.2	1,236.6	1,196.3	40.31	30.676	
11,600.0	10,516.6	10,828.6	9,543.2	25.3	16.9	-37.93	1,207.9	-208.0	1,236.7	1,196.3	40.37	30.636	
11,685.0	10,516.9	10,892.0	9,540.9	25.5	17.3	-37.81	1,271.3	-206.8	1,238.1	1,197.3	40.86	30.299	
11,700.0	10,516.9	10,919.2	9,540.0	25.5	17.5	-37.77	1,298.4	-206.5	1,238.5	1,197.4	41.07	30.154	
11,780.0	10,517.2	11,053.1	9,542.6	25.8	18.4	-37.86	1,432.3	-207.7	1,237.7	1,195.6	42.12	29.384	
11,800.0	10,517.3	11,082.2	9,544.5	25.8	18.6	-37.94	1,461.4	-208.6	1,237.0	1,194.7	42.35	29.212	
11,875.0	10,517.5	11,122.0	9,546.7	26.0	18.8	-38.05	1,501.1	-210.0	1,235.5	1,192.8	42.74	28.907	
11,892.4	10,517.6	11,131.5	9,547.0	26.1	18.9	-38.07	1,510.5	-210.4	1,235.5	1,192.6	42.83	28.844	
11,900.0	10,517.6	11,135.6	9,547.2	26.1	18.9	-38.08	1,514.6	-210.5	1,235.5	1,192.6	42.87	28.817	
11,970.0	10,517.8	11,176.0	9,547.8	26.3	19.2	-38.16	1,555.0	-212.3	1,236.6	1,193.3	43.28	28.575	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,000.0	10,518.0	11,192.8	9,547.7	26.4	19.3	-38.18	1,571.8	-213.1	1,237.6	1,194.1	43.44	28.487	
12,065.0	10,518.2	11,235.7	9,547.1	26.6	19.6	-38.25	1,614.6	-215.5	1,240.6	1,196.7	43.87	28.276	
12,100.0	10,518.3	11,271.0	9,546.2	26.8	19.9	-38.30	1,649.8	-217.8	1,242.8	1,198.6	44.20	28.116	
12,160.0	10,518.5	11,306.1	9,545.0	27.0	20.2	-38.35	1,684.8	-220.3	1,246.9	1,202.4	44.58	27.972	
12,200.0	10,518.7	11,340.0	9,543.7	27.1	20.4	-38.39	1,718.6	-222.8	1,250.0	1,205.1	44.92	27.831	
12,255.0	10,518.8	11,429.5	9,540.1	27.3	21.1	-38.47	1,807.8	-228.4	1,254.2	1,208.4	45.75	27.413	
12,300.0	10,519.0	11,494.0	9,538.2	27.5	21.5	-38.47	1,872.3	-230.0	1,255.9	1,209.5	46.36	27.090	
12,350.0	10,519.2	11,544.2	9,537.1	27.7	21.9	-38.48	1,922.4	-231.4	1,257.7	1,210.8	46.88	26.829	
12,400.0	10,519.4	11,590.5	9,536.2	27.8	22.3	-38.50	1,968.7	-233.1	1,259.6	1,212.2	47.37	26.591	
12,445.0	10,519.5	11,630.9	9,535.4	28.0	22.6	-38.52	2,009.1	-234.6	1,261.4	1,213.6	47.81	26.384	
12,500.0	10,519.7	11,700.2	9,534.2	28.2	23.1	-38.58	2,078.3	-237.3	1,263.7	1,215.1	48.51	26.048	
12,540.0	10,519.8	11,761.2	9,534.7	28.4	23.5	-38.68	2,139.2	-240.1	1,264.6	1,215.5	49.11	25.749	
12,600.0	10,520.1	11,848.5	9,539.1	28.7	24.2	-39.00	2,226.2	-246.1	1,264.8	1,214.9	49.98	25.308	
12,609.5	10,520.1	11,862.3	9,540.3	28.7	24.3	-39.07	2,239.9	-247.3	1,264.8	1,214.7	50.11	25.238	
12,635.0	10,520.2	11,867.1	9,540.3	28.8	24.4	-39.08	2,244.7	-247.5	1,264.9	1,214.6	50.25	25.172	
12,700.0	10,520.4	11,907.6	9,541.8	29.1	24.7	-39.22	2,285.1	-250.3	1,266.0	1,215.2	50.79	24.924	
12,730.0	10,520.5	11,938.0	9,542.1	29.2	24.9	-39.28	2,315.4	-252.2	1,267.0	1,215.8	51.14	24.775	
12,800.0	10,520.8	12,018.5	9,541.0	29.5	25.5	-39.31	2,395.9	-254.4	1,269.1	1,217.0	52.02	24.393	
12,825.0	10,520.8	12,054.3	9,540.1	29.6	25.8	-39.26	2,431.6	-253.9	1,269.4	1,217.0	52.40	24.226	
12,900.0	10,521.1	12,145.1	9,538.0	30.0	26.5	-39.09	2,522.3	-251.2	1,269.4	1,216.0	53.39	23.776	
12,920.0	10,521.2	12,161.7	9,537.5	30.1	26.6	-39.06	2,539.0	-250.6	1,269.3	1,215.7	53.60	23.681	
12,925.6	10,521.2	12,166.3	9,537.4	30.1	26.7	-39.04	2,543.6	-250.4	1,269.3	1,215.7	53.66	23.655	
13,000.0	10,521.5	12,228.7	9,535.1	30.4	27.1	-38.88	2,605.8	-247.9	1,269.7	1,215.2	54.45	23.318	
13,015.0	10,521.5	12,242.3	9,534.6	30.5	27.2	-38.85	2,619.5	-247.5	1,269.8	1,215.2	54.62	23.248	
13,100.0	10,521.8	12,320.0	9,533.8	30.9	27.9	-38.83	2,697.1	-248.0	1,271.0	1,215.4	55.59	22.863	
13,110.0	10,521.8	12,341.1	9,533.9	31.0	28.0	-38.85	2,718.3	-248.5	1,271.1	1,215.3	55.80	22.780	
13,200.0	10,522.2	12,473.9	9,530.2	31.4	29.0	-38.44	2,850.6	-240.4	1,269.5	1,212.3	57.19	22.196	
13,205.0	10,522.2	12,479.2	9,529.9	31.4	29.1	-38.41	2,855.9	-239.9	1,269.4	1,212.1	57.26	22.169	
13,300.0	10,522.5	12,595.8	9,525.1	31.9	30.0	-37.80	2,971.7	-227.3	1,266.3	1,207.8	58.56	21.625	
13,395.0	10,522.8	12,751.2	9,535.5	32.4	31.2	-37.90	3,126.5	-222.7	1,259.4	1,199.4	60.09	20.960	
13,400.0	10,522.9	12,757.2	9,536.2	32.4	31.2	-37.92	3,132.4	-222.6	1,259.0	1,198.8	60.15	20.929	
13,490.0	10,523.2	12,823.7	9,542.8	32.9	31.8	-38.05	3,198.6	-221.4	1,251.2	1,190.0	61.18	20.450	
13,500.0	10,523.2	12,828.8	9,543.2	32.9	31.8	-38.06	3,203.7	-221.3	1,250.4	1,189.2	61.28	20.405	
13,585.0	10,523.5	12,888.0	9,546.1	33.4	32.3	-38.09	3,262.8	-220.4	1,246.2	1,184.0	62.23	20.027	
13,600.0	10,523.6	12,888.0	9,546.1	33.4	32.3	-38.09	3,262.8	-220.4	1,245.6	1,183.3	62.33	19.984	
13,680.0	10,523.8	12,933.4	9,546.7	33.9	32.6	-38.09	3,308.1	-219.9	1,244.1	1,181.0	63.14	19.704	
13,700.0	10,523.9	12,947.3	9,546.7	34.0	32.7	-38.08	3,322.1	-219.8	1,244.0	1,180.6	63.36	19.635	
13,713.4	10,524.0	12,956.7	9,546.7	34.1	32.8	-38.07	3,331.5	-219.8	1,244.0	1,180.5	63.50	19.589	
13,775.0	10,524.2	12,982.0	9,546.5	34.4	33.0	-38.06	3,356.8	-219.6	1,244.6	1,180.6	64.03	19.439	
13,800.0	10,524.3	13,010.5	9,546.1	34.5	33.3	-38.05	3,385.3	-219.8	1,245.0	1,180.6	64.39	19.337	
13,870.0	10,524.5	13,050.0	9,545.5	34.9	33.6	-38.08	3,424.7	-221.4	1,247.7	1,182.7	65.05	19.180	
13,900.0	10,524.6	13,077.0	9,545.0	35.1	33.8	-38.14	3,451.6	-223.4	1,249.5	1,184.0	65.43	19.097	
13,965.0	10,524.8	13,158.1	9,545.1	35.4	34.5	-38.37	3,532.5	-230.3	1,253.1	1,186.6	66.45	18.858	
14,000.0	10,525.0	13,193.1	9,545.7	35.6	34.8	-38.49	3,567.3	-233.2	1,254.4	1,187.5	66.92	18.745	
14,060.0	10,525.2	13,240.2	9,545.0	36.0	35.1	-38.54	3,614.4	-235.6	1,257.2	1,189.5	67.62	18.592	
14,100.0	10,525.3	13,313.8	9,541.7	36.2	35.8	-38.48	3,687.9	-236.6	1,259.2	1,190.8	68.44	18.399	
14,155.0	10,525.5	13,361.0	9,541.4	36.5	36.1	-38.46	3,735.1	-236.8	1,259.8	1,190.7	69.12	18.226	
14,200.0	10,525.7	13,404.7	9,540.7	36.8	36.5	-38.43	3,778.7	-236.6	1,260.3	1,190.6	69.72	18.077	
14,250.0	10,525.8	13,428.1	9,539.4	37.1	36.7	-38.38	3,802.1	-236.5	1,262.4	1,192.3	70.17	17.990	
14,300.0	10,526.0	13,456.0	9,536.9	37.4	36.9	-38.30	3,829.9	-236.2	1,265.6	1,194.9	70.65	17.915	
14,345.0	10,526.2	13,675.2	9,536.4	37.6	38.7	-38.09	4,048.4	-231.9	1,263.4	1,191.0	72.48	17.431	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,400.0	10,526.4	13,722.6	9,541.5	38.0	39.1	-38.28	4,095.5	-233.4	1,259.9	1,186.7	73.21	17.209	
14,440.0	10,526.5	13,754.6	9,544.9	38.2	39.3	-38.41	4,127.3	-234.5	1,257.5	1,183.8	73.73	17.055	
14,500.0	10,526.7	13,799.0	9,549.1	38.5	39.7	-38.58	4,171.5	-236.3	1,254.6	1,180.1	74.49	16.842	
14,535.0	10,526.8	13,833.0	9,551.9	38.8	40.0	-38.71	4,205.3	-237.7	1,253.3	1,178.3	74.98	16.715	
14,600.0	10,527.1	13,881.0	9,555.4	39.1	40.4	-38.87	4,253.1	-239.6	1,251.2	1,175.4	75.80	16.507	
14,630.0	10,527.2	13,907.6	9,557.2	39.3	40.6	-38.95	4,279.6	-240.6	1,250.4	1,174.2	76.20	16.409	
14,700.0	10,527.4	13,953.6	9,559.5	39.8	41.0	-39.06	4,325.6	-242.0	1,249.2	1,172.2	77.04	16.215	
14,716.9	10,527.5	13,963.0	9,559.8	39.9	41.1	-39.08	4,334.9	-242.3	1,249.1	1,171.9	77.23	16.175	
14,725.0	10,527.5	13,967.4	9,559.8	39.9	41.1	-39.08	4,339.4	-242.4	1,249.2	1,171.8	77.31	16.157	
14,800.0	10,527.8	14,022.0	9,559.1	40.4	41.5	-39.08	4,394.0	-243.1	1,250.5	1,172.3	78.22	15.988	
14,820.0	10,527.8	14,022.0	9,559.1	40.5	41.5	-39.08	4,394.0	-243.1	1,251.0	1,172.7	78.34	15.970	
14,900.0	10,528.1	14,097.0	9,556.4	41.0	42.2	-39.03	4,468.9	-244.3	1,254.1	1,174.7	79.42	15.790	
14,915.0	10,528.2	14,111.8	9,556.1	41.1	42.3	-39.03	4,483.7	-244.7	1,254.7	1,175.1	79.63	15.756	
15,000.0	10,528.5	14,178.4	9,553.8	41.6	42.8	-39.02	4,550.2	-246.6	1,258.6	1,178.0	80.68	15.601	
15,010.0	10,528.5	14,186.1	9,553.4	41.7	42.9	-39.01	4,557.9	-246.8	1,259.2	1,178.4	80.80	15.585	
15,100.0	10,528.8	14,289.7	9,547.7	42.2	43.8	-38.89	4,661.3	-248.5	1,264.1	1,181.9	82.20	15.378	
15,105.0	10,528.8	14,296.5	9,547.4	42.3	43.8	-38.88	4,668.1	-248.6	1,264.4	1,182.1	82.29	15.365	
15,200.0	10,529.2	14,400.0	9,542.8	42.9	44.7	-38.74	4,771.5	-248.7	1,267.8	1,184.1	83.72	15.144	
15,295.0	10,529.5	14,477.1	9,538.6	43.5	45.3	-38.60	4,848.5	-248.4	1,271.7	1,186.8	84.92	14.976	
15,300.0	10,529.5	14,480.9	9,538.4	43.5	45.4	-38.59	4,852.3	-248.3	1,272.0	1,187.0	84.97	14.969	
15,390.0	10,529.8	14,650.3	9,535.7	44.1	46.8	-38.40	5,021.6	-246.1	1,271.3	1,184.4	86.88	14.633	
15,400.0	10,529.9	14,657.7	9,535.6	44.1	46.8	-38.39	5,029.0	-245.9	1,271.2	1,184.2	87.01	14.610	
15,485.0	10,530.2	14,763.5	9,533.3	44.7	47.7	-38.13	5,134.6	-240.9	1,270.4	1,182.1	88.34	14.380	
15,500.0	10,530.2	14,790.4	9,533.0	44.8	47.9	-38.06	5,161.4	-239.2	1,270.0	1,181.4	88.62	14.331	
15,580.0	10,530.5	14,913.6	9,533.7	45.3	48.9	-37.67	5,284.2	-228.4	1,265.2	1,175.2	89.92	14.070	
15,600.0	10,530.6	14,931.5	9,533.9	45.4	49.1	-37.61	5,302.0	-226.7	1,263.8	1,173.6	90.20	14.011	
15,675.0	10,530.8	14,996.1	9,534.8	45.9	49.6	-37.42	5,366.3	-221.0	1,259.1	1,167.9	91.24	13.800	
15,700.0	10,530.9	15,016.1	9,535.1	46.1	49.8	-37.37	5,386.2	-219.5	1,257.7	1,166.1	91.58	13.733	
15,770.0	10,531.2	15,072.3	9,536.2	46.5	50.2	-37.28	5,442.3	-216.4	1,254.3	1,161.8	92.54	13.554	
15,800.0	10,531.3	15,102.3	9,536.9	46.7	50.5	-37.25	5,472.4	-215.1	1,253.0	1,160.0	92.98	13.477	
15,865.0	10,531.5	15,166.0	9,538.3	47.1	51.0	-37.16	5,535.9	-212.2	1,250.2	1,156.3	93.92	13.312	
15,900.0	10,531.6	15,197.9	9,538.8	47.4	51.3	-37.12	5,567.8	-210.6	1,248.7	1,154.3	94.41	13.227	
15,960.0	10,531.8	15,250.4	9,539.4	47.8	51.7	-37.02	5,620.2	-208.0	1,246.5	1,151.3	95.25	13.087	
16,000.0	10,532.0	15,284.6	9,539.4	48.0	52.0	-36.96	5,654.4	-206.2	1,245.3	1,149.5	95.80	12.998	
16,055.0	10,532.2	15,331.2	9,539.0	48.4	52.4	-36.83	5,700.9	-203.5	1,243.9	1,147.3	96.56	12.882	
16,100.0	10,532.3	15,392.1	9,538.1	48.7	52.9	-36.66	5,761.7	-199.7	1,242.8	1,145.6	97.29	12.775	
16,150.0	10,532.5	15,479.9	9,541.1	49.0	53.6	-36.57	5,849.3	-195.6	1,240.0	1,141.9	98.15	12.634	
16,200.0	10,532.7	15,536.3	9,544.5	49.4	54.1	-36.58	5,905.6	-193.6	1,236.6	1,137.7	98.90	12.503	
16,245.0	10,532.8	15,579.0	9,547.4	49.7	54.4	-36.61	5,948.1	-192.4	1,233.4	1,133.9	99.56	12.389	
16,300.0	10,533.0	15,628.8	9,550.7	50.0	54.9	-36.65	5,997.9	-191.1	1,229.8	1,129.4	100.36	12.253	
16,340.0	10,533.2	15,641.0	9,551.5	50.3	55.0	-36.66	6,010.0	-190.8	1,227.5	1,126.6	100.86	12.170	
16,400.0	10,533.4	15,692.5	9,554.5	50.7	55.4	-36.72	6,061.4	-190.5	1,224.6	1,122.9	101.72	12.039	
16,435.0	10,533.5	15,713.3	9,555.5	50.9	55.6	-36.75	6,082.2	-190.7	1,223.6	1,121.4	102.17	11.975	
16,500.0	10,533.7	15,761.4	9,557.4	51.4	56.0	-36.85	6,130.2	-192.1	1,222.6	1,119.6	103.05	11.864	
16,530.0	10,533.8	15,789.6	9,558.5	51.6	56.2	-36.91	6,158.4	-193.1	1,222.4	1,118.9	103.49	11.811	
16,600.0	10,534.1	15,858.2	9,561.2	52.1	56.8	-37.07	6,226.9	-195.7	1,221.9	1,117.3	104.54	11.688	
16,625.0	10,534.2	15,884.4	9,562.3	52.2	57.0	-37.14	6,253.0	-196.7	1,221.7	1,116.7	104.92	11.643	
16,700.0	10,534.4	15,960.5	9,565.8	52.7	57.6	-37.34	6,329.0	-199.9	1,221.0	1,114.9	106.07	11.512	
16,720.0	10,534.5	15,980.1	9,566.7	52.9	57.8	-37.40	6,348.6	-200.8	1,220.8	1,114.4	106.37	11.477	
16,800.0	10,534.8	16,055.7	9,570.4	53.4	58.4	-37.62	6,424.0	-204.5	1,220.2	1,112.7	107.55	11.345	
16,815.0	10,534.8	16,069.3	9,571.0	53.5	58.6	-37.66	6,437.6	-205.2	1,220.2	1,112.4	107.77	11.322	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
16,864.7	10,535.0	16,115.0	9,572.7	53.9	58.9	-37.78	6,483.2	-207.2	1,220.1	1,111.6	108.50	11.245	
16,900.0	10,535.1	16,146.9	9,573.9	54.1	59.2	-37.86	6,515.0	-208.7	1,220.1	1,111.1	109.01	11.192	
16,910.0	10,535.2	16,156.0	9,574.2	54.2	59.3	-37.89	6,524.1	-209.2	1,220.1	1,111.0	109.16	11.178	
17,000.0	10,535.5	16,232.8	9,576.9	54.8	59.9	-38.11	6,600.7	-213.3	1,220.8	1,110.4	110.43	11.055	
17,005.0	10,535.5	16,236.5	9,577.0	54.8	60.0	-38.12	6,604.4	-213.5	1,220.9	1,110.4	110.50	11.049	
17,100.0	10,535.8	16,308.2	9,577.2	55.5	60.6	-38.22	6,676.1	-216.5	1,223.3	1,111.5	111.74	10.948	
17,195.0	10,536.2	16,399.0	9,576.7	56.1	61.3	-38.33	6,766.8	-220.5	1,226.4	1,113.2	113.14	10.840	
17,200.0	10,536.2	16,399.0	9,576.7	56.2	61.3	-38.33	6,766.8	-220.5	1,226.6	1,113.4	113.17	10.839	
17,290.0	10,536.5	16,474.2	9,575.8	56.8	62.0	-38.44	6,841.8	-224.4	1,230.5	1,116.1	114.38	10.758	
17,300.0	10,536.5	16,494.0	9,575.2	56.8	62.2	-38.45	6,861.6	-225.4	1,231.1	1,116.5	114.64	10.739	
17,385.0	10,536.8	16,610.5	9,572.0	57.4	63.1	-38.43	6,978.1	-227.9	1,234.3	1,118.1	116.21	10.622	
17,400.0	10,536.9	16,626.2	9,571.6	57.5	63.3	-38.42	6,993.8	-227.9	1,234.6	1,118.2	116.44	10.603	
17,480.0	10,537.2	16,702.2	9,569.5	58.1	63.9	-38.32	7,069.7	-227.4	1,236.2	1,118.6	117.61	10.511	
17,500.0	10,537.2	16,717.7	9,569.0	58.2	64.1	-38.30	7,085.2	-227.3	1,236.7	1,118.8	117.87	10.492	
17,575.0	10,537.5	16,774.0	9,566.5	58.8	64.5	-38.21	7,141.4	-227.0	1,239.2	1,120.4	118.82	10.429	
17,600.0	10,537.6	16,797.9	9,565.2	58.9	64.7	-38.17	7,165.3	-227.0	1,240.2	1,121.0	119.19	10.405	
17,670.0	10,537.8	16,859.5	9,561.9	59.4	65.3	-38.07	7,226.8	-227.3	1,243.4	1,123.3	120.16	10.348	
17,700.0	10,537.9	16,899.6	9,560.0	59.6	65.6	-38.02	7,266.9	-227.7	1,244.8	1,124.1	120.71	10.313	
17,765.0	10,538.2	16,989.5	9,558.3	60.1	66.4	-38.02	7,356.7	-229.5	1,246.6	1,124.7	121.92	10.225	
17,800.0	10,538.3	17,025.5	9,558.4	60.3	66.7	-38.07	7,392.7	-230.8	1,247.4	1,124.9	122.46	10.186	
17,860.0	10,538.5	17,086.2	9,559.3	60.7	67.2	-38.19	7,453.3	-233.8	1,248.5	1,125.2	123.39	10.118	
17,900.0	10,538.6	17,125.7	9,560.2	61.0	67.5	-38.29	7,492.7	-236.1	1,249.3	1,125.3	124.01	10.075	
17,955.0	10,538.8	17,179.1	9,561.6	61.4	68.0	-38.45	7,546.0	-239.5	1,250.5	1,125.6	124.85	10.016	
18,000.0	10,539.0	17,222.0	9,562.7	61.7	68.3	-38.57	7,588.8	-242.4	1,251.5	1,126.0	125.53	9.970	
18,050.0	10,539.2	17,269.3	9,563.9	62.1	68.8	-38.71	7,636.0	-245.6	1,252.7	1,126.4	126.28	9.920	
18,100.0	10,539.3	17,316.1	9,564.9	62.4	69.2	-38.84	7,682.7	-248.7	1,254.1	1,127.0	127.03	9.872	
18,145.0	10,539.5	17,356.4	9,565.6	62.8	69.5	-38.95	7,722.8	-251.4	1,255.4	1,127.7	127.68	9.832	
18,200.0	10,539.7	17,402.1	9,566.2	63.1	69.9	-39.07	7,768.5	-254.6	1,257.4	1,128.9	128.45	9.789	
18,240.0	10,539.8	17,435.0	9,566.4	63.4	70.2	-39.16	7,801.3	-257.0	1,259.0	1,130.0	129.00	9.760	
18,300.0	10,540.0	17,493.8	9,566.2	63.8	70.7	-39.28	7,859.9	-260.9	1,261.8	1,131.8	129.91	9.712	
18,335.0	10,540.2	17,529.0	9,565.5	64.1	71.0	-39.31	7,895.1	-262.5	1,263.4	1,132.9	130.46	9.684	
18,400.0	10,540.4	17,587.0	9,563.7	64.6	71.5	-39.33	7,953.0	-264.7	1,266.6	1,135.2	131.38	9.641	
18,430.0	10,540.5	17,614.3	9,562.6	64.8	71.7	-39.32	7,980.2	-265.6	1,268.1	1,136.3	131.81	9.621	
18,500.0	10,540.7	17,704.5	9,558.5	65.3	72.5	-39.24	8,070.3	-267.0	1,271.4	1,138.4	133.08	9.554	
18,525.0	10,540.8	17,733.2	9,557.1	65.4	72.7	-39.19	8,099.0	-266.9	1,272.3	1,138.8	133.49	9.531	
18,600.0	10,541.1	17,809.0	9,555.0	66.0	73.4	-39.16	8,174.8	-268.2	1,274.9	1,140.2	134.65	9.468	
18,620.0	10,541.2	17,840.6	9,554.7	66.1	73.6	-39.18	8,206.4	-269.3	1,275.5	1,140.4	135.06	9.444	
18,700.0	10,541.4	17,952.5	9,554.7	66.7	74.6	-39.21	8,318.2	-270.6	1,276.1	1,139.5	136.52	9.347	
18,715.0	10,541.5	17,968.9	9,555.1	66.8	74.7	-39.23	8,334.7	-271.0	1,276.1	1,139.3	136.76	9.330	
18,782.7	10,541.7	18,035.0	9,557.3	67.3	75.3	-39.36	8,400.7	-273.3	1,275.9	1,138.1	137.81	9.259	
18,800.0	10,541.8	18,050.3	9,557.8	67.4	75.4	-39.40	8,415.9	-274.0	1,275.9	1,137.9	138.07	9.242	
18,810.0	10,541.8	18,059.1	9,558.2	67.5	75.5	-39.42	8,424.7	-274.4	1,276.0	1,137.7	138.21	9.232	
18,900.0	10,542.1	18,158.4	9,561.5	68.1	76.3	-39.65	8,523.9	-278.7	1,276.2	1,136.5	139.68	9.137	
18,905.0	10,542.2	18,164.9	9,561.7	68.2	76.4	-39.66	8,530.4	-278.9	1,276.2	1,136.4	139.77	9.131	
19,000.0	10,542.5	18,258.3	9,563.5	68.8	77.2	-39.72	8,623.8	-279.6	1,275.4	1,134.2	141.22	9.031	
19,040.2	10,542.6	18,292.0	9,563.4	69.1	77.5	-39.70	8,657.4	-279.3	1,275.3	1,133.5	141.80	8.994	
19,095.0	10,542.8	18,332.9	9,563.0	69.5	77.8	-39.67	8,698.4	-279.1	1,275.7	1,133.1	142.55	8.949	
19,100.0	10,542.8	18,336.7	9,562.9	69.5	77.9	-39.67	8,702.1	-279.1	1,275.7	1,133.1	142.62	8.945	
19,190.0	10,543.2	18,409.2	9,561.5	70.2	78.5	-39.64	8,774.6	-279.7	1,277.6	1,133.7	143.86	8.881	
19,200.0	10,543.2	18,417.9	9,561.3	70.3	78.5	-39.63	8,783.4	-279.7	1,277.8	1,133.8	144.00	8.874	
19,285.0	10,543.5	18,508.3	9,556.7	70.9	79.3	-39.42	8,873.6	-278.0	1,280.3	1,135.0	145.33	8.810	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,300.0	10,543.5	18,530.0	9,555.4	71.0	79.5	-39.35	8,895.2	-277.1	1,280.6	1,135.0	145.61	8.795	
19,380.0	10,543.8	18,618.8	9,549.9	71.6	80.2	-39.00	8,983.7	-271.9	1,281.5	1,134.7	146.87	8.726	
19,400.0	10,543.9	18,638.4	9,548.7	71.7	80.4	-38.92	9,003.2	-270.7	1,281.8	1,134.6	147.16	8.710	
19,475.0	10,544.2	18,712.1	9,544.0	72.2	81.0	-38.61	9,076.6	-266.0	1,282.7	1,134.4	148.27	8.651	
19,500.0	10,544.2	18,736.7	9,542.4	72.4	81.2	-38.51	9,101.1	-264.5	1,283.0	1,134.4	148.64	8.631	
19,570.0	10,544.5	18,867.9	9,539.0	72.9	82.4	-38.14	9,232.0	-257.3	1,282.0	1,132.0	149.98	8.548	
19,600.0	10,544.6	18,894.4	9,539.3	73.1	82.6	-38.10	9,258.6	-256.1	1,281.0	1,130.6	150.43	8.515	
19,665.0	10,544.8	18,952.4	9,539.8	73.6	83.1	-38.03	9,316.5	-254.0	1,279.1	1,127.7	151.40	8.449	
19,700.0	10,545.0	18,984.5	9,540.0	73.9	83.3	-38.00	9,348.6	-253.0	1,278.3	1,126.3	151.93	8.414	
19,760.0	10,545.2	19,040.1	9,540.5	74.3	83.8	-37.95	9,404.1	-251.5	1,276.9	1,124.1	152.83	8.355	
19,800.0	10,545.3	19,082.1	9,540.9	74.6	84.2	-37.91	9,446.2	-250.4	1,276.1	1,122.6	153.45	8.316	
19,855.0	10,545.5	19,131.0	9,541.4	75.0	84.6	-37.88	9,495.0	-249.2	1,274.9	1,120.6	154.27	8.264	
19,900.0	10,545.7	19,173.6	9,541.7	75.3	84.9	-37.84	9,537.6	-248.1	1,274.0	1,119.0	154.95	8.222	
19,950.0	10,545.8	19,213.5	9,541.7	75.7	85.3	-37.80	9,577.4	-247.2	1,273.4	1,117.7	155.67	8.180	
20,000.0	10,546.0	19,257.2	9,541.3	76.0	85.6	-37.75	9,621.2	-246.4	1,273.2	1,116.8	156.40	8.140	
20,032.8	10,546.1	19,287.0	9,540.9	76.3	85.9	-37.71	9,650.9	-245.7	1,273.2	1,116.3	156.89	8.115	
20,045.0	10,546.2	19,298.0	9,540.8	76.4	86.0	-37.70	9,662.0	-245.5	1,273.2	1,116.1	157.07	8.106	
20,100.0	10,546.4	19,372.3	9,539.8	76.8	86.6	-37.59	9,736.2	-243.7	1,273.0	1,115.0	158.01	8.057	
20,140.0	10,546.5	19,434.0	9,540.5	77.0	87.1	-37.54	9,797.9	-242.0	1,272.1	1,113.4	158.70	8.016	
20,200.0	10,546.7	19,510.4	9,543.0	77.5	87.8	-37.53	9,874.3	-240.3	1,269.8	1,110.1	159.65	7.953	
20,235.0	10,546.8	19,550.1	9,544.8	77.7	88.1	-37.55	9,913.9	-239.6	1,268.2	1,108.0	160.20	7.916	
20,300.0	10,547.1	19,620.9	9,548.7	78.2	88.7	-37.61	9,984.5	-238.5	1,264.9	1,103.6	161.21	7.846	
20,330.0	10,547.2	19,649.3	9,550.3	78.4	89.0	-37.64	10,012.9	-238.2	1,263.3	1,101.6	161.68	7.814	
20,400.0	10,547.4	19,714.4	9,554.1	78.9	89.5	-37.71	10,077.9	-237.7	1,259.8	1,097.0	162.77	7.740	
20,425.0	10,547.5	19,736.3	9,555.3	79.1	89.7	-37.74	10,099.8	-237.5	1,258.7	1,095.5	163.15	7.714	
20,500.0	10,547.8	19,802.1	9,558.7	79.7	90.3	-37.81	10,165.5	-237.3	1,255.6	1,091.2	164.31	7.641	
20,520.0	10,547.8	19,820.2	9,559.6	79.8	90.4	-37.84	10,183.6	-237.3	1,254.8	1,090.2	164.62	7.622	
20,600.0	10,548.1	19,892.8	9,563.3	80.4	91.0	-37.95	10,256.0	-237.9	1,252.2	1,086.3	165.86	7.550	
20,615.0	10,548.2	19,908.4	9,564.1	80.5	91.2	-37.97	10,271.6	-238.2	1,251.7	1,085.6	166.09	7.536	
20,700.0	10,548.5	19,985.0	9,568.2	81.1	91.8	-38.12	10,348.1	-239.3	1,249.0	1,081.6	167.41	7.461	
20,710.0	10,548.5	20,001.6	9,569.1	81.2	91.9	-38.15	10,364.7	-239.6	1,248.7	1,081.1	167.59	7.451	
20,800.0	10,548.8	20,079.0	9,572.9	81.8	92.6	-38.32	10,442.0	-241.7	1,246.8	1,077.8	168.96	7.379	
20,805.0	10,548.8	20,079.0	9,572.9	81.9	92.6	-38.32	10,442.0	-241.7	1,246.7	1,077.7	169.02	7.376	
20,852.4	10,549.0	20,107.5	9,574.0	82.2	92.8	-38.39	10,470.4	-242.8	1,246.4	1,076.7	169.67	7.346	
20,900.0	10,549.2	20,139.4	9,574.9	82.6	93.1	-38.45	10,502.3	-244.1	1,246.7	1,076.4	170.31	7.320	
20,995.0	10,549.5	20,214.9	9,575.5	83.3	93.8	-38.58	10,577.7	-247.6	1,248.9	1,077.3	171.63	7.277	
21,000.0	10,549.5	20,219.6	9,575.5	83.3	93.8	-38.59	10,582.4	-247.8	1,249.0	1,077.3	171.71	7.274	
21,090.0	10,549.8	20,303.9	9,575.5	84.0	94.5	-38.72	10,666.6	-251.8	1,251.8	1,078.7	173.07	7.233	
21,100.0	10,549.9	20,313.3	9,575.5	84.0	94.6	-38.73	10,676.0	-252.2	1,252.1	1,078.9	173.22	7.229	
21,185.0	10,550.2	20,403.6	9,575.0	84.7	95.4	-38.85	10,766.2	-256.3	1,255.0	1,080.4	174.61	7.188	
21,200.0	10,550.2	20,422.9	9,575.0	84.8	95.5	-38.88	10,785.5	-257.2	1,255.5	1,080.6	174.89	7.179	
21,280.0	10,550.5	20,507.3	9,576.3	85.4	96.3	-39.05	10,869.7	-261.5	1,257.2	1,081.0	176.20	7.135	
21,300.0	10,550.6	20,525.8	9,576.9	85.5	96.4	-39.11	10,888.2	-262.9	1,257.6	1,081.1	176.51	7.125	
21,375.0	10,550.8	20,584.4	9,579.1	86.1	96.9	-39.35	10,946.5	-268.1	1,259.8	1,082.2	177.54	7.096	
21,400.0	10,550.9	20,601.6	9,579.6	86.2	97.1	-39.42	10,963.7	-269.7	1,260.8	1,082.9	177.86	7.089	
21,470.0	10,551.2	20,651.0	9,580.4	86.8	97.5	-39.60	11,012.8	-274.5	1,264.4	1,085.7	178.72	7.075	
21,500.0	10,551.3	20,684.3	9,580.5	87.0	97.8	-39.70	11,045.9	-277.6	1,266.1	1,086.9	179.24	7.064	
21,565.0	10,551.5	20,763.7	9,579.9	87.4	98.5	-39.87	11,125.1	-283.4	1,269.6	1,089.2	180.46	7.035	
21,600.0	10,551.6	20,824.6	9,578.4	87.7	99.0	-39.87	11,186.0	-284.8	1,270.8	1,089.6	181.28	7.011	
21,660.0	10,551.8	20,892.6	9,575.8	88.1	99.6	-39.74	11,253.9	-283.6	1,272.1	1,089.8	182.26	6.979	
21,700.0	10,552.0	20,934.0	9,574.1	88.4	99.9	-39.65	11,295.3	-282.7	1,272.8	1,089.9	182.89	6.959	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #706H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 100-Standard Keeper 104, 8813-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
21,755.0	10,552.2	20,985.8	9,571.6	88.8	100.4	-39.52	11,347.0	-281.1	1,273.8	1,090.1	183.70	6.934	
21,800.0	10,552.3	21,030.0	9,569.0	89.2	100.7	-39.37	11,391.1	-279.4	1,274.8	1,090.4	184.37	6.914	
21,850.0	10,552.5	21,136.3	9,564.2	89.5	101.6	-39.01	11,497.1	-273.4	1,274.9	1,089.5	185.43	6.876	
21,900.0	10,552.7	21,244.6	9,566.7	89.9	102.6	-38.86	11,605.2	-267.5	1,272.1	1,085.9	186.18	6.832	
21,945.0	10,552.8	21,290.1	9,569.3	90.2	102.9	-38.85	11,650.6	-265.7	1,269.0	1,082.1	186.88	6.790	
22,000.0	10,553.0	21,342.4	9,572.6	90.6	103.4	-38.88	11,702.8	-263.9	1,265.2	1,077.5	187.74	6.739	
22,040.0	10,553.2	21,378.5	9,575.0	90.9	103.7	-38.91	11,738.8	-263.1	1,262.6	1,074.2	188.38	6.702	
22,100.0	10,553.4	21,436.6	9,579.3	91.4	104.2	-39.00	11,796.6	-262.5	1,258.8	1,069.5	189.33	6.649	
22,135.0	10,553.5	21,473.5	9,582.2	91.6	104.5	-39.07	11,833.5	-262.3	1,256.6	1,066.8	189.88	6.618	
22,200.0	10,553.7	21,541.3	9,587.7	92.1	105.1	-39.20	11,901.1	-261.9	1,252.4	1,061.5	190.90	6.560	
22,230.0	10,553.8	21,572.3	9,590.4	92.3	105.3	-39.27	11,932.0	-261.9	1,250.4	1,059.0	191.37	6.534	
22,300.0	10,554.1	21,648.1	9,597.6	92.9	105.9	-39.49	12,007.4	-262.3	1,245.5	1,053.1	192.47	6.471	
22,325.0	10,554.2	21,675.9	9,600.5	93.0	106.2	-39.58	12,035.0	-262.6	1,243.7	1,050.9	192.86	6.449	
22,400.0	10,554.4	21,745.0	9,608.2	93.6	106.8	-39.84	12,103.7	-263.9	1,238.3	1,044.2	194.09	6.380	
22,420.0	10,554.5	21,763.0	9,610.3	93.7	106.9	-39.91	12,121.6	-264.4	1,236.9	1,042.5	194.42	6.362	
22,436.1	10,554.5	21,778.3	9,612.0	93.9	107.0	-39.98	12,136.7	-264.8	1,235.8	1,041.1	194.68	6.348	
22,500.0	10,554.8	21,821.0	9,616.8	94.3	107.4	-40.16	12,179.2	-266.0	1,231.7	1,036.0	195.75	6.292	
22,515.0	10,554.8	21,821.0	9,616.8	94.4	107.4	-40.16	12,179.2	-266.0	1,231.1	1,035.1	195.99	6.281	
22,561.3	10,555.0	21,821.0	9,616.8	94.8	107.4	-40.16	12,179.2	-266.0	1,230.2	1,033.6	196.55	6.259	
22,566.0	10,555.0	21,821.0	9,616.8	94.8	107.4	-40.16	12,179.2	-266.0	1,230.2	1,033.6	196.59	6.258	
22,566.5	10,555.0	21,821.0	9,616.8	94.8	107.4	-40.16	12,179.2	-266.0	1,230.2	1,033.6	196.60	6.257	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	89.74	0.3	60.0	60.0				
95.0	95.0	94.5	94.5	3.0	3.0	89.74	0.3	60.0	60.0	53.9	6.04	9.936	
100.0	100.0	99.5	99.5	3.0	3.0	89.74	0.3	60.0	60.0	53.9	6.04	9.928	
190.0	190.0	189.5	189.5	3.1	3.1	89.74	0.3	60.0	60.0	53.7	6.25	9.593	
200.0	200.0	199.5	199.5	3.1	3.1	89.74	0.3	60.0	60.0	53.7	6.29	9.541	
285.0	285.0	284.5	284.5	3.3	3.3	89.74	0.3	60.0	60.0	53.5	6.48	9.251	
300.0	300.0	299.5	299.5	3.3	3.3	89.74	0.3	60.0	60.0	53.4	6.52	9.196	
380.0	380.0	379.5	379.5	3.4	3.4	89.74	0.3	60.0	60.0	53.3	6.70	8.949	
400.0	400.0	399.5	399.5	3.4	3.4	89.74	0.3	60.0	60.0	53.2	6.75	8.885	
475.0	475.0	474.5	474.5	3.5	3.5	89.74	0.3	60.0	60.0	53.1	6.91	8.675	
500.0	500.0	499.5	499.5	3.5	3.5	89.74	0.3	60.0	60.0	53.0	6.97	8.604	
570.0	570.0	569.5	569.5	3.6	3.6	89.74	0.3	60.0	60.0	52.9	7.12	8.425	
600.0	600.0	599.5	599.5	3.6	3.6	89.74	0.3	60.0	60.0	52.8	7.18	8.348	
665.0	665.0	664.5	664.5	3.7	3.7	89.74	0.3	60.0	60.0	52.7	7.32	8.196	
700.0	700.0	699.5	699.5	3.8	3.8	89.74	0.3	60.0	60.0	52.6	7.39	8.114	
760.0	760.0	759.5	759.5	3.8	3.8	89.74	0.3	60.0	60.0	52.5	7.51	7.984	
800.0	800.0	799.5	799.5	3.9	3.9	89.74	0.3	60.0	60.0	52.4	7.59	7.898	
855.0	855.0	854.5	854.5	4.0	3.9	89.74	0.3	60.0	60.0	52.3	7.70	7.788	
900.0	900.0	899.5	899.5	4.0	4.0	89.74	0.3	60.0	60.0	52.2	7.79	7.698	
950.0	950.0	949.5	949.5	4.1	4.1	89.74	0.3	60.0	60.0	52.1	7.89	7.606	
1,000.0	1,000.0	999.5	999.5	4.1	4.1	89.74	0.3	60.0	60.0	52.0	7.98	7.513	
1,045.0	1,045.0	1,044.5	1,044.5	4.2	4.2	89.74	0.3	60.0	60.0	51.9	8.07	7.436	
1,100.0	1,100.0	1,099.5	1,099.5	4.2	4.2	89.74	0.3	60.0	60.0	51.8	8.17	7.341	
1,140.0	1,140.0	1,139.5	1,139.5	4.3	4.3	89.74	0.3	60.0	60.0	51.7	8.24	7.276	
1,200.0	1,200.0	1,199.5	1,199.5	4.4	4.4	89.74	0.3	60.0	60.0	51.6	8.35	7.180	
1,235.0	1,235.0	1,234.5	1,234.5	4.4	4.4	89.74	0.3	60.0	60.0	51.6	8.41	7.127	
1,300.0	1,300.0	1,299.5	1,299.5	4.5	4.5	89.74	0.3	60.0	60.0	51.4	8.53	7.029	
1,330.0	1,330.0	1,329.5	1,329.5	4.5	4.5	89.74	0.3	60.0	60.0	51.4	8.58	6.987	
1,400.0	1,400.0	1,399.5	1,399.5	4.6	4.6	89.74	0.3	60.0	60.0	51.3	8.71	6.888	
1,425.0	1,425.0	1,424.5	1,424.5	4.6	4.6	89.74	0.3	60.0	60.0	51.2	8.75	6.854	
1,500.0	1,500.0	1,499.5	1,499.5	4.7	4.7	89.74	0.3	60.0	60.0	51.1	8.88	6.754	
1,520.0	1,520.0	1,519.1	1,519.1	4.7	4.7	-8.71	0.3	60.0	60.0	51.0	8.95	6.698	
1,600.0	1,600.0	1,597.5	1,597.4	4.8	4.8	-8.86	0.2	61.6	59.9	50.7	9.25	6.476	
1,615.0	1,615.0	1,612.2	1,612.1	4.8	4.8	-8.91	0.2	62.2	59.9	50.6	9.33	6.421	
1,700.0	1,699.8	1,695.4	1,695.3	5.0	5.0	-9.33	-0.1	66.6	59.9	50.1	9.79	6.114	
1,710.0	1,709.8	1,705.2	1,705.0	5.0	5.0	-9.40	-0.1	67.3	59.9	50.0	9.85	6.079	
1,800.0	1,799.5	1,793.4	1,792.9	5.2	5.2	-10.11	-0.5	75.0	59.8	49.4	10.35	5.775	
1,805.0	1,804.4	1,798.3	1,797.7	5.2	5.2	-10.16	-0.6	75.5	59.8	49.4	10.37	5.763	
1,850.0	1,849.2	1,842.4	1,841.6	5.3	5.3	-10.62	-0.8	80.4	59.7	49.2	10.56	5.656	
1,853.2	1,852.3	1,845.5	1,844.6	5.3	5.4	-10.65	-0.8	80.7	59.7	49.1	10.57	5.649	CC, ES
1,900.0	1,898.8	1,891.3	1,890.1	5.4	5.5	-11.13	-1.1	86.6	60.1	49.3	10.77	5.580	
1,995.0	1,993.0	1,984.3	1,982.0	5.6	5.8	-11.83	-1.9	100.8	63.2	51.9	11.28	5.601	
2,000.0	1,998.0	1,989.2	1,986.8	5.6	5.8	-11.85	-1.9	101.6	63.4	52.1	11.30	5.609	
2,090.0	2,087.3	2,077.0	2,073.1	5.9	6.1	-12.15	-2.8	117.8	69.3	57.5	11.81	5.866	
2,100.0	2,097.3	2,086.7	2,082.6	5.9	6.2	-12.17	-2.9	119.8	70.1	58.2	11.87	5.907	
2,185.0	2,181.6	2,169.2	2,163.1	6.1	6.5	-12.16	-3.9	137.7	78.4	66.1	12.37	6.340	
2,200.0	2,196.5	2,183.7	2,177.2	6.2	6.5	-12.14	-4.0	141.0	80.2	67.7	12.46	6.432	
2,280.0	2,275.9	2,262.6	2,253.8	6.4	6.8	-11.98	-5.0	160.1	89.9	77.0	12.96	6.942	
2,300.0	2,295.8	2,282.5	2,273.1	6.5	6.8	-11.95	-5.3	164.9	92.4	79.3	13.08	7.063	
2,375.0	2,370.2	2,356.9	2,345.3	6.7	7.1	-11.83	-6.3	182.9	101.6	88.0	13.57	7.490	
2,400.0	2,395.0	2,381.7	2,369.4	6.8	7.2	-11.80	-6.6	188.8	104.7	91.0	13.73	7.624	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,470.0	2,464.5	2,451.2	2,436.8	7.0	7.4	-11.72	-7.5	205.6	113.3	99.1	14.21	7.975	
2,500.0	2,494.3	2,480.9	2,465.7	7.1	7.5	-11.68	-7.8	212.8	117.0	102.6	14.41	8.117	
2,565.0	2,558.8	2,545.5	2,528.2	7.3	7.7	-11.62	-8.7	228.4	125.0	110.1	14.87	8.405	
2,600.0	2,593.5	2,580.2	2,561.9	7.4	7.9	-11.59	-9.1	236.8	129.3	114.2	15.12	8.552	
2,660.0	2,653.1	2,639.7	2,619.7	7.6	8.1	-11.54	-9.9	251.2	136.6	121.1	15.55	8.787	
2,700.0	2,692.8	2,679.4	2,658.2	7.8	8.2	-11.51	-10.4	260.8	141.6	125.7	15.84	8.936	
2,755.0	2,747.4	2,734.0	2,711.2	7.9	8.4	-11.48	-11.1	274.0	148.3	132.1	16.25	9.127	
2,800.0	2,792.0	2,778.7	2,754.5	8.1	8.6	-11.45	-11.7	284.7	153.9	137.3	16.59	9.276	
2,850.0	2,841.7	2,828.3	2,802.7	8.3	8.8	-11.42	-12.3	296.7	160.0	143.0	16.97	9.431	
2,900.0	2,891.3	2,877.9	2,850.8	8.5	9.0	-11.39	-12.9	308.7	166.1	148.8	17.35	9.577	
2,945.0	2,936.0	2,922.6	2,894.2	8.6	9.2	-11.37	-13.5	319.5	171.7	154.0	17.70	9.702	
3,000.0	2,990.6	2,977.2	2,947.1	8.8	9.4	-11.34	-14.2	332.7	178.4	160.3	18.12	9.846	
3,040.0	3,030.3	3,016.9	2,985.6	9.0	9.6	-11.33	-14.7	342.3	183.4	164.9	18.44	9.945	
3,100.0	3,089.8	3,076.4	3,043.4	9.2	9.8	-11.30	-15.5	356.7	190.7	171.8	18.91	10.086	
3,135.0	3,124.5	3,111.1	3,077.1	9.3	10.0	-11.29	-15.9	365.1	195.0	175.8	19.19	10.164	
3,200.0	3,189.1	3,175.6	3,139.7	9.6	10.2	-11.26	-16.8	380.7	203.0	183.3	19.71	10.301	
3,230.0	3,218.8	3,205.4	3,168.6	9.7	10.4	-11.25	-17.1	387.8	206.7	186.8	19.95	10.361	
3,300.0	3,288.3	3,274.9	3,236.0	9.9	10.7	-11.23	-18.0	404.6	215.3	194.8	20.52	10.495	
3,325.0	3,313.1	3,299.7	3,260.1	10.0	10.8	-11.22	-18.3	410.6	218.4	197.7	20.72	10.540	
3,400.0	3,387.6	3,374.1	3,332.3	10.3	11.1	-11.20	-19.3	428.6	227.6	206.3	21.33	10.669	
3,420.0	3,407.4	3,394.0	3,351.6	10.4	11.2	-11.20	-19.6	433.4	230.1	208.6	21.50	10.702	
3,500.0	3,486.8	3,473.4	3,428.6	10.7	11.5	-11.18	-20.6	452.6	239.9	217.7	22.16	10.827	
3,515.0	3,501.7	3,488.2	3,443.0	10.7	11.6	-11.17	-20.8	456.2	241.7	219.5	22.28	10.849	
3,600.0	3,586.1	3,572.6	3,524.9	11.1	12.0	-11.15	-21.9	476.6	252.2	229.2	22.99	10.970	
3,610.0	3,596.0	3,582.5	3,534.5	11.1	12.0	-11.15	-22.0	479.0	253.4	230.4	23.07	10.984	
3,700.0	3,685.3	3,671.8	3,621.2	11.5	12.4	-11.13	-23.1	500.5	264.5	240.7	23.83	11.101	
3,705.0	3,690.3	3,676.8	3,626.0	11.5	12.4	-11.13	-23.2	501.7	265.1	241.2	23.87	11.107	
3,800.0	3,784.6	3,771.1	3,717.5	11.8	12.8	-11.11	-24.4	524.5	276.8	252.1	24.67	11.220	
3,895.0	3,878.9	3,865.4	3,808.9	12.2	13.3	-11.10	-25.6	547.3	288.5	263.0	25.47	11.324	
3,900.0	3,883.8	3,870.3	3,813.8	12.2	13.3	-11.09	-25.7	548.5	289.1	263.6	25.52	11.329	
3,990.0	3,973.2	3,959.6	3,900.4	12.6	13.7	-11.08	-26.8	570.1	300.1	273.9	26.28	11.420	
4,000.0	3,983.1	3,969.6	3,910.1	12.6	13.7	-11.08	-26.9	572.5	301.4	275.0	26.37	11.429	
4,085.0	4,067.5	4,053.9	3,991.9	13.0	14.1	-11.07	-28.0	592.8	311.8	284.7	27.09	11.508	
4,100.0	4,082.4	4,068.8	4,006.3	13.0	14.2	-11.06	-28.2	596.4	313.7	286.4	27.22	11.522	
4,180.0	4,161.8	4,148.2	4,083.4	13.3	14.5	-11.05	-29.2	615.6	323.5	295.6	27.91	11.590	
4,200.0	4,181.6	4,168.1	4,102.6	13.4	14.6	-11.05	-29.5	620.4	325.9	297.9	28.08	11.607	
4,275.0	4,256.0	4,242.5	4,174.9	13.7	15.0	-11.04	-30.4	638.4	335.2	306.4	28.73	11.666	
4,300.0	4,280.9	4,267.3	4,198.9	13.8	15.1	-11.04	-30.8	644.4	338.2	309.3	28.95	11.685	
4,370.0	4,350.3	4,336.8	4,266.3	14.1	15.4	-11.03	-31.7	661.2	346.8	317.3	29.55	11.737	
4,400.0	4,380.1	4,366.5	4,295.2	14.2	15.6	-11.02	-32.0	668.4	350.5	320.7	29.81	11.758	
4,465.0	4,444.6	4,431.0	4,357.8	14.5	15.9	-11.02	-32.9	684.0	358.5	328.1	30.38	11.803	
4,500.0	4,479.4	4,465.8	4,391.5	14.6	16.0	-11.01	-33.3	692.3	362.8	332.1	30.68	11.826	
4,560.0	4,538.9	4,525.3	4,449.3	14.9	16.3	-11.01	-34.1	706.7	370.2	339.0	31.20	11.864	
4,600.0	4,578.6	4,565.0	4,487.8	15.0	16.5	-11.00	-34.6	716.3	375.1	343.6	31.55	11.889	
4,655.0	4,633.2	4,619.6	4,540.8	15.2	16.7	-11.00	-35.3	729.5	381.9	349.8	32.03	11.922	
4,700.0	4,677.9	4,664.3	4,584.1	15.4	16.9	-10.99	-35.9	740.3	387.4	355.0	32.43	11.948	
4,750.0	4,727.5	4,713.9	4,632.3	15.6	17.2	-10.99	-36.5	752.3	393.6	360.7	32.86	11.976	
4,800.0	4,777.1	4,763.5	4,680.4	15.8	17.4	-10.98	-37.1	764.3	399.7	366.4	33.30	12.003	
4,845.0	4,821.8	4,808.2	4,723.7	16.0	17.6	-10.98	-37.7	775.1	405.2	371.5	33.70	12.026	
4,900.0	4,876.4	4,862.7	4,776.7	16.2	17.9	-10.98	-38.4	788.2	412.0	377.8	34.18	12.054	
4,940.0	4,916.1	4,902.4	4,815.2	16.4	18.1	-10.97	-38.9	797.8	416.9	382.4	34.53	12.074	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,975.6	4,962.0	4,873.0	16.6	18.3	-10.97	-39.7	812.2	424.3	389.2	35.06	12.102	
5,035.0	5,010.4	4,996.7	4,906.7	16.8	18.5	-10.96	-40.1	820.6	428.6	393.2	35.37	12.119	
5,100.0	5,074.9	5,061.2	4,969.3	17.0	18.8	-10.96	-40.9	836.2	436.6	400.6	35.94	12.148	
5,130.0	5,104.7	5,091.0	4,998.2	17.2	18.9	-10.96	-41.3	843.4	440.3	404.1	36.20	12.161	
5,200.0	5,174.2	5,160.5	5,065.6	17.4	19.3	-10.95	-42.2	860.2	448.9	412.1	36.82	12.190	
5,225.0	5,199.0	5,185.3	5,089.6	17.5	19.4	-10.95	-42.5	866.2	452.0	414.9	37.04	12.200	
5,300.0	5,273.4	5,259.7	5,161.9	17.8	19.7	-10.95	-43.5	884.2	461.2	423.5	37.71	12.230	
5,320.0	5,293.3	5,279.6	5,181.1	17.9	19.8	-10.94	-43.7	888.9	463.6	425.7	37.88	12.238	
5,400.0	5,372.7	5,359.0	5,258.2	18.2	20.2	-10.94	-44.8	908.1	473.5	434.9	38.59	12.268	
5,415.0	5,387.6	5,373.8	5,272.6	18.3	20.3	-10.94	-45.0	911.7	475.3	436.6	38.73	12.274	
5,500.0	5,471.9	5,458.2	5,354.5	18.7	20.7	-10.93	-46.0	932.1	485.8	446.3	39.48	12.304	
5,510.0	5,481.8	5,468.1	5,364.1	18.7	20.7	-10.93	-46.2	934.5	487.0	447.4	39.57	12.307	
5,600.0	5,571.2	5,557.4	5,450.7	19.1	21.2	-10.93	-47.3	956.1	498.1	457.7	40.37	12.338	
5,605.0	5,576.1	5,562.4	5,455.6	19.1	21.2	-10.93	-47.4	957.3	498.7	458.3	40.41	12.339	
5,700.0	5,670.4	5,656.7	5,547.0	19.5	21.6	-10.92	-48.6	980.1	510.3	469.1	41.26	12.370	
5,795.0	5,764.7	5,751.0	5,638.5	19.9	22.1	-10.92	-49.8	1,002.8	522.0	479.9	42.10	12.398	
5,800.0	5,769.7	5,755.9	5,643.3	19.9	22.1	-10.92	-49.9	1,004.0	522.6	480.5	42.15	12.400	
5,890.0	5,859.0	5,845.2	5,730.0	20.3	22.5	-10.91	-51.0	1,025.6	533.7	490.7	42.95	12.426	
5,900.0	5,868.9	5,855.2	5,739.6	20.3	22.6	-10.91	-51.1	1,028.0	534.9	491.9	43.04	12.429	
5,928.9	5,897.7	5,883.9	5,767.5	20.4	22.7	-10.91	-51.5	1,034.9	538.5	495.2	43.29	12.439	
5,985.0	5,953.3	5,939.5	5,821.4	20.6	23.0	-10.91	-52.2	1,048.4	545.6	501.9	43.78	12.463	
6,000.0	5,968.2	5,954.3	5,835.9	20.7	23.1	-10.91	-52.4	1,052.0	547.7	503.7	43.91	12.472	
6,080.0	6,047.8	6,033.5	5,912.7	21.0	23.4	-10.90	-53.4	1,071.1	559.0	514.4	44.61	12.530	
6,100.0	6,067.7	6,053.3	5,931.9	21.1	23.5	-10.90	-53.7	1,075.9	562.0	517.2	44.79	12.548	
6,175.0	6,142.5	6,127.4	6,003.7	21.4	23.9	-10.86	-54.6	1,093.8	573.9	528.4	45.44	12.630	
6,200.0	6,167.4	6,152.0	6,027.7	21.5	24.0	-10.85	-54.9	1,099.7	578.0	532.4	45.65	12.662	
6,270.0	6,237.2	6,220.9	6,094.5	21.7	24.3	-10.80	-55.8	1,116.4	590.3	544.0	46.24	12.765	
6,300.0	6,267.2	6,250.4	6,123.1	21.8	24.5	-10.78	-56.2	1,123.5	595.8	549.3	46.50	12.813	
6,365.0	6,332.1	6,314.2	6,185.0	22.0	24.8	-10.72	-57.0	1,138.9	608.2	561.2	47.03	12.932	
6,400.0	6,367.0	6,348.5	6,218.3	22.2	24.9	-10.69	-57.5	1,147.2	615.2	567.9	47.32	13.002	
6,460.0	6,427.0	6,407.2	6,275.3	22.3	25.2	-10.62	-58.2	1,161.4	627.7	579.9	47.79	13.133	
6,500.0	6,467.0	6,446.2	6,313.1	22.5	25.4	-10.58	-58.7	1,170.8	636.3	588.2	48.11	13.227	
6,555.0	6,522.0	6,499.8	6,365.1	22.6	25.7	-10.51	-59.4	1,183.8	648.6	600.1	48.51	13.371	
6,600.0	6,567.0	6,543.6	6,407.6	22.7	25.9	-10.45	-60.0	1,194.3	659.1	610.2	48.84	13.494	
6,629.0	6,596.0	6,571.8	6,434.9	22.7	26.0	88.04	-60.3	1,201.1	666.0	617.0	49.01	13.588	
6,650.0	6,617.0	6,592.1	6,454.7	22.7	26.1	88.07	-60.6	1,206.1	671.1	622.0	49.12	13.661	
6,700.0	6,667.0	6,640.6	6,501.8	22.7	26.4	88.16	-61.2	1,217.8	683.1	633.7	49.38	13.835	
6,745.0	6,712.0	6,684.3	6,544.1	22.8	26.6	88.24	-61.8	1,228.3	694.0	644.4	49.61	13.987	
6,800.0	6,767.0	6,737.7	6,595.9	22.8	26.8	88.33	-62.5	1,241.2	707.2	657.3	49.90	14.172	
6,840.0	6,807.0	6,776.5	6,633.6	22.8	27.0	88.39	-63.0	1,250.6	716.9	666.8	50.11	14.306	
6,900.0	6,867.0	6,834.7	6,690.1	22.8	27.3	88.48	-63.7	1,264.7	731.4	680.9	50.43	14.503	
6,935.0	6,902.0	6,868.7	6,723.0	22.8	27.5	88.54	-64.1	1,272.9	739.8	689.2	50.61	14.618	
7,000.0	6,967.0	6,931.7	6,784.2	22.8	27.8	88.63	-64.9	1,288.1	755.5	704.5	50.95	14.828	
7,030.0	6,997.0	6,960.8	6,812.5	22.8	27.9	88.67	-65.3	1,295.1	762.7	711.6	51.11	14.924	
7,100.0	7,067.0	7,028.8	6,878.4	22.9	28.2	88.77	-66.2	1,311.5	779.6	728.1	51.47	15.145	
7,125.0	7,092.0	7,053.0	6,901.9	22.9	28.3	88.80	-66.5	1,317.4	785.6	734.0	51.61	15.224	
7,200.0	7,167.0	7,125.8	6,972.5	22.9	28.7	88.90	-67.4	1,335.0	803.7	751.7	52.00	15.457	
7,220.0	7,187.0	7,145.2	6,991.3	22.9	28.8	88.92	-67.7	1,339.7	808.6	756.5	52.10	15.518	
7,300.0	7,267.0	7,222.8	7,066.7	22.9	29.2	89.02	-68.7	1,358.4	827.9	775.4	52.52	15.762	
7,315.0	7,282.0	7,237.4	7,080.8	22.9	29.2	89.03	-68.9	1,361.9	831.5	778.9	52.60	15.807	
7,400.0	7,367.0	7,319.8	7,160.8	23.0	29.6	89.13	-69.9	1,381.9	852.0	799.0	53.05	16.061	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,410.0	7,377.0	7,329.5	7,170.2	23.0	29.7	89.14	-70.0	1,384.2	854.4	801.3	53.10	16.091	
7,500.0	7,467.0	7,416.9	7,254.9	23.0	30.1	89.24	-71.2	1,405.3	876.2	822.6	53.57	16.355	
7,505.0	7,472.0	7,421.7	7,259.7	23.0	30.1	89.24	-71.2	1,406.5	877.4	823.8	53.60	16.369	
7,600.0	7,567.0	7,513.9	7,349.1	23.0	30.6	89.34	-72.4	1,428.7	900.3	846.2	54.10	16.643	
7,695.0	7,662.0	7,607.8	7,440.2	23.1	31.0	89.43	-73.6	1,451.4	923.2	868.6	54.61	16.906	
7,700.0	7,667.0	7,615.0	7,447.2	23.1	31.1	89.44	-73.7	1,453.1	924.4	869.8	54.65	16.915	
7,790.0	7,757.0	7,745.3	7,574.4	23.1	31.7	89.55	-75.2	1,481.2	943.8	888.4	55.39	17.040	
7,800.0	7,767.0	7,759.9	7,588.8	23.1	31.8	89.56	-75.3	1,484.0	945.7	890.2	55.46	17.052	
7,885.0	7,852.0	7,885.4	7,712.5	23.1	32.4	89.64	-76.5	1,504.9	959.8	903.8	56.03	17.130	
7,900.0	7,867.0	7,907.7	7,734.6	23.1	32.5	89.65	-76.6	1,508.0	962.0	905.8	56.12	17.140	
7,980.0	7,947.0	8,027.6	7,853.6	23.2	33.0	89.70	-77.4	1,521.9	971.3	914.7	56.53	17.183	
8,000.0	7,967.0	8,057.7	7,883.6	23.2	33.1	89.71	-77.5	1,524.7	973.1	916.5	56.61	17.190	
8,075.0	8,042.0	8,171.1	7,996.7	23.2	33.5	89.73	-77.9	1,532.1	978.0	921.2	56.84	17.207	
8,100.0	8,067.0	8,209.0	8,034.6	23.2	33.6	89.74	-78.0	1,533.6	979.0	922.1	56.87	17.213	
8,170.0	8,137.0	8,315.3	8,140.9	23.2	33.8	89.74	-78.1	1,535.1	980.0	923.2	56.79	17.256	
8,175.5	8,142.4	8,323.5	8,149.2	23.2	33.8	89.74	-78.1	1,535.0	979.9	923.1	56.78	17.258	
8,200.0	8,167.0	8,340.9	8,166.5	23.2	33.8	89.74	-78.1	1,535.1	980.0	923.1	56.82	17.246	
8,265.0	8,232.0	8,405.9	8,231.5	23.2	33.8	89.74	-78.1	1,535.1	980.0	923.1	56.86	17.235	
8,300.0	8,267.0	8,440.9	8,266.5	23.3	33.8	89.74	-78.1	1,535.1	980.0	923.1	56.88	17.229	
8,360.0	8,327.0	8,500.9	8,326.5	23.3	33.8	89.74	-78.1	1,535.1	980.0	923.1	56.91	17.219	
8,400.0	8,367.0	8,540.9	8,366.5	23.3	33.8	89.74	-78.1	1,535.1	980.0	923.0	56.94	17.212	
8,455.0	8,422.0	8,595.9	8,421.5	23.3	33.8	89.74	-78.1	1,535.1	980.0	923.0	56.97	17.203	
8,500.0	8,467.0	8,640.9	8,466.5	23.3	33.9	89.74	-78.1	1,535.1	980.0	923.0	56.99	17.195	
8,550.0	8,517.0	8,690.9	8,516.5	23.3	33.9	89.74	-78.1	1,535.1	980.0	923.0	57.02	17.187	
8,600.0	8,567.0	8,740.9	8,566.5	23.4	33.9	89.74	-78.1	1,535.1	980.0	922.9	57.05	17.178	
8,645.0	8,612.0	8,785.9	8,611.5	23.4	33.9	89.74	-78.1	1,535.1	980.0	922.9	57.07	17.170	
8,700.0	8,667.0	8,840.9	8,666.5	23.4	33.9	89.74	-78.1	1,535.1	980.0	922.9	57.10	17.161	
8,740.0	8,707.0	8,880.9	8,706.5	23.4	33.9	89.74	-78.1	1,535.1	980.0	922.8	57.13	17.154	
8,800.0	8,767.0	8,940.9	8,766.5	23.4	33.9	89.74	-78.1	1,535.1	980.0	922.8	57.16	17.144	
8,835.0	8,802.0	8,975.9	8,801.5	23.4	33.9	89.74	-78.1	1,535.1	980.0	922.8	57.18	17.138	
8,900.0	8,867.0	9,040.9	8,866.5	23.5	33.9	89.74	-78.1	1,535.1	980.0	922.7	57.22	17.126	
8,930.0	8,897.0	9,070.9	8,896.5	23.5	34.0	89.74	-78.1	1,535.1	980.0	922.7	57.24	17.121	
9,000.0	8,967.0	9,140.9	8,966.5	23.5	34.0	89.74	-78.1	1,535.1	980.0	922.7	57.28	17.109	
9,025.0	8,992.0	9,165.9	8,991.5	23.5	34.0	89.74	-78.1	1,535.1	980.0	922.7	57.29	17.104	
9,100.0	9,067.0	9,240.9	9,066.5	23.5	34.0	89.74	-78.1	1,535.1	980.0	922.6	57.34	17.091	
9,120.0	9,087.0	9,260.9	9,086.5	23.5	34.0	89.74	-78.1	1,535.1	980.0	922.6	57.35	17.088	
9,200.0	9,167.0	9,340.9	9,166.5	23.6	34.0	89.74	-78.1	1,535.1	980.0	922.6	57.40	17.074	
9,215.0	9,182.0	9,355.9	9,181.5	23.6	34.0	89.74	-78.1	1,535.1	980.0	922.6	57.41	17.071	
9,300.0	9,267.0	9,440.9	9,266.5	23.6	34.0	89.74	-78.1	1,535.1	980.0	922.5	57.46	17.056	
9,310.0	9,277.0	9,450.9	9,276.5	23.6	34.0	89.74	-78.1	1,535.1	980.0	922.5	57.46	17.054	
9,400.0	9,367.0	9,540.9	9,366.5	23.6	34.1	89.74	-78.1	1,535.1	980.0	922.5	57.52	17.038	
9,405.0	9,372.0	9,545.9	9,371.5	23.7	34.1	89.74	-78.1	1,535.1	980.0	922.5	57.52	17.037	
9,500.0	9,467.0	9,640.9	9,466.5	23.7	34.1	89.74	-78.1	1,535.1	980.0	922.4	57.58	17.020	
9,595.0	9,562.0	9,735.9	9,561.5	23.7	34.1	89.74	-78.1	1,535.1	980.0	922.3	57.63	17.003	
9,600.0	9,567.0	9,740.9	9,566.5	23.7	34.1	89.74	-78.1	1,535.1	980.0	922.3	57.64	17.003	
9,690.0	9,657.0	9,830.9	9,656.5	23.8	34.1	89.74	-78.1	1,535.1	980.0	922.3	57.69	16.986	
9,700.0	9,667.0	9,840.9	9,666.5	23.8	34.1	89.74	-78.1	1,535.1	980.0	922.3	57.70	16.984	
9,785.0	9,752.0	9,925.9	9,751.5	23.8	34.2	89.74	-78.1	1,535.1	980.0	922.2	57.75	16.969	
9,800.0	9,767.0	9,940.9	9,766.5	23.8	34.2	89.74	-78.1	1,535.1	980.0	922.2	57.76	16.966	
9,880.0	9,847.0	10,020.9	9,846.5	23.8	34.2	89.74	-78.1	1,535.1	980.0	922.2	57.81	16.952	
9,900.0	9,867.0	10,040.9	9,866.5	23.8	34.2	89.74	-78.1	1,535.1	980.0	922.1	57.82	16.948	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,974.1	9,941.0	10,114.9	9,940.5	23.9	34.2	89.74	-78.1	1,535.1	980.0	922.1	57.86	16.938	
9,975.0	9,942.0	10,115.9	9,941.5	23.9	34.2	89.87	-78.1	1,535.1	980.0	922.1	57.86	16.938	
10,000.0	9,967.0	10,140.8	9,966.5	23.9	34.2	89.90	-78.0	1,535.1	980.0	922.1	57.86	16.936	
10,045.2	10,012.0	10,186.0	10,011.5	23.8	34.2	90.00	-75.8	1,535.1	980.0	922.1	57.88	16.931	
10,050.0	10,016.8	10,190.7	10,016.3	23.8	34.2	90.01	-75.4	1,535.1	980.0	922.1	57.88	16.930	
10,070.0	10,036.5	10,210.7	10,036.1	23.8	34.2	90.05	-73.1	1,535.1	980.0	922.1	57.89	16.929	
10,100.0	10,066.0	10,240.8	10,065.8	23.8	34.2	90.11	-68.4	1,535.1	980.0	922.1	57.90	16.926	
10,150.0	10,114.2	10,291.0	10,114.7	23.8	34.2	90.22	-57.1	1,535.1	980.0	922.1	57.91	16.924	
10,165.0	10,128.5	10,306.1	10,129.2	23.8	34.2	90.25	-52.8	1,535.0	980.0	922.1	57.91	16.923	
10,200.0	10,161.2	10,341.4	10,162.6	23.8	34.2	90.32	-41.4	1,535.0	980.0	922.1	57.91	16.922	
10,250.0	10,206.4	10,391.9	10,209.1	23.8	34.2	90.42	-21.6	1,535.0	980.0	922.1	57.91	16.922	
10,260.0	10,215.3	10,402.1	10,218.2	23.8	34.2	90.44	-17.1	1,535.0	980.0	922.1	57.91	16.922	
10,300.0	10,249.7	10,442.6	10,253.7	23.8	34.2	90.52	2.3	1,534.9	980.0	922.1	57.91	16.922	
10,350.0	10,290.6	10,493.4	10,296.2	23.8	34.2	90.61	30.2	1,534.9	980.0	922.1	57.91	16.923	
10,355.0	10,294.5	10,498.5	10,300.3	23.8	34.2	90.62	33.2	1,534.8	980.0	922.1	57.91	16.923	
10,400.0	10,328.8	10,544.4	10,336.2	23.8	34.2	90.70	61.8	1,534.8	980.0	922.1	57.91	16.924	
10,450.0	10,364.1	10,595.5	10,373.3	23.8	34.3	90.79	97.0	1,534.7	980.1	922.1	57.91	16.924	
10,500.0	10,396.2	10,646.8	10,407.2	23.8	34.3	90.86	135.4	1,534.6	980.1	922.2	57.92	16.923	
10,545.0	10,422.1	10,693.0	10,434.7	23.8	34.3	90.93	172.5	1,534.5	980.1	922.2	57.92	16.920	
10,550.0	10,424.8	10,698.2	10,437.6	23.8	34.3	90.93	176.8	1,534.5	980.1	922.2	57.93	16.920	
10,600.0	10,449.7	10,749.6	10,464.2	23.8	34.3	91.00	220.8	1,534.4	980.1	922.2	57.94	16.915	
10,640.0	10,466.9	10,790.9	10,482.6	23.8	34.3	91.04	257.7	1,534.3	980.1	922.2	57.96	16.909	
10,650.0	10,470.7	10,801.2	10,486.8	23.8	34.3	91.05	267.1	1,534.3	980.1	922.2	57.97	16.908	
10,700.0	10,487.8	10,852.9	10,505.2	23.9	34.4	91.10	315.4	1,534.2	980.1	922.1	58.01	16.897	
10,735.0	10,497.2	10,889.1	10,515.4	23.9	34.4	91.13	350.1	1,534.1	980.2	922.1	58.04	16.887	
10,750.0	10,500.6	10,904.6	10,519.1	23.9	34.4	91.14	365.2	1,534.1	980.2	922.1	58.06	16.883	
10,800.0	10,509.2	10,956.4	10,528.6	24.0	34.4	91.17	416.1	1,534.0	980.2	922.1	58.12	16.865	
10,830.0	10,512.3	10,987.5	10,532.0	24.0	34.5	91.18	447.0	1,533.9	980.2	922.0	58.16	16.852	
10,850.0	10,513.5	11,008.2	10,533.4	24.0	34.5	91.19	467.7	1,533.9	980.2	922.0	58.19	16.843	
10,872.1	10,514.0	11,031.1	10,534.0	24.0	34.5	91.20	490.5	1,533.8	980.2	922.0	58.23	16.833	
10,900.0	10,514.1	11,059.1	10,534.1	24.1	34.5	91.20	518.6	1,533.7	980.2	921.9	58.28	16.818	
10,925.0	10,514.2	11,084.1	10,534.2	24.1	34.6	91.20	543.6	1,533.7	980.2	921.9	58.33	16.804	
11,000.0	10,514.4	11,159.1	10,534.5	24.2	34.6	91.20	618.6	1,533.5	980.2	921.7	58.48	16.760	
11,020.0	10,514.5	11,179.1	10,534.6	24.2	34.7	91.20	638.6	1,533.5	980.2	921.7	58.53	16.747	
11,100.0	10,514.8	11,259.1	10,534.9	24.3	34.8	91.20	718.6	1,533.3	980.2	921.5	58.73	16.690	
11,115.0	10,514.9	11,274.1	10,534.9	24.3	34.8	91.20	733.6	1,533.3	980.2	921.4	58.77	16.679	
11,200.0	10,515.1	11,359.1	10,535.3	24.4	34.9	91.20	818.6	1,533.1	980.2	921.2	59.01	16.610	
11,210.0	10,515.2	11,369.1	10,535.3	24.5	34.9	91.20	828.6	1,533.0	980.2	921.1	59.04	16.601	
11,300.0	10,515.5	11,459.1	10,535.6	24.6	35.1	91.21	918.6	1,532.8	980.2	920.9	59.33	16.520	
11,305.0	10,515.5	11,464.1	10,535.7	24.6	35.1	91.21	923.6	1,532.8	980.2	920.8	59.35	16.515	
11,400.0	10,515.9	11,559.1	10,536.0	24.8	35.3	91.21	1,018.6	1,532.6	980.2	920.5	59.69	16.420	
11,495.0	10,516.2	11,654.1	10,536.4	25.0	35.5	91.21	1,113.6	1,532.4	980.2	920.1	60.07	16.316	
11,500.0	10,516.2	11,659.1	10,536.4	25.0	35.5	91.21	1,118.6	1,532.4	980.2	920.1	60.09	16.311	
11,590.0	10,516.5	11,749.1	10,536.8	25.2	35.7	91.21	1,208.6	1,532.2	980.2	919.7	60.49	16.205	
11,600.0	10,516.6	11,759.1	10,536.8	25.3	35.7	91.21	1,218.6	1,532.2	980.2	919.7	60.53	16.194	
11,685.0	10,516.9	11,844.1	10,537.1	25.5	35.9	91.21	1,303.6	1,532.0	980.2	919.3	60.93	16.087	
11,700.0	10,516.9	11,859.1	10,537.2	25.5	35.9	91.21	1,318.6	1,531.9	980.2	919.2	61.00	16.068	
11,780.0	10,517.2	11,939.1	10,537.5	25.8	36.1	91.22	1,398.6	1,531.8	980.2	918.8	61.41	15.963	
11,800.0	10,517.3	11,959.1	10,537.6	25.8	36.1	91.22	1,418.6	1,531.7	980.2	918.7	61.51	15.936	
11,875.0	10,517.5	12,034.1	10,537.9	26.0	36.3	91.22	1,493.6	1,531.5	980.2	918.3	61.91	15.832	
11,900.0	10,517.6	12,059.1	10,537.9	26.1	36.4	91.22	1,518.6	1,531.5	980.2	918.1	62.05	15.797	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
11,970.0	10,517.8	12,129.1	10,538.2	26.3	36.6	91.22	1,588.5	1,531.3	980.2	917.7	62.45	15.696	
12,000.0	10,518.0	12,159.1	10,538.3	26.4	36.7	91.22	1,618.5	1,531.3	980.2	917.6	62.62	15.652	
12,065.0	10,518.2	12,224.1	10,538.6	26.6	36.9	91.22	1,683.5	1,531.1	980.2	917.2	63.02	15.555	
12,100.0	10,518.3	12,259.1	10,538.7	26.8	37.0	91.22	1,718.5	1,531.0	980.2	917.0	63.23	15.502	
12,160.0	10,518.5	12,319.1	10,538.9	27.0	37.1	91.22	1,778.5	1,530.9	980.2	916.6	63.61	15.409	
12,200.0	10,518.7	12,359.1	10,539.1	27.1	37.3	91.22	1,818.5	1,530.8	980.2	916.3	63.87	15.347	
12,255.0	10,518.8	12,414.1	10,539.3	27.3	37.4	91.23	1,873.5	1,530.7	980.2	916.0	64.23	15.260	
12,300.0	10,519.0	12,459.1	10,539.5	27.5	37.6	91.23	1,918.5	1,530.6	980.2	915.7	64.54	15.188	
12,350.0	10,519.2	12,509.1	10,539.7	27.7	37.7	91.23	1,968.5	1,530.5	980.2	915.3	64.88	15.107	
12,400.0	10,519.4	12,559.1	10,539.9	27.8	37.9	91.23	2,018.5	1,530.3	980.2	915.0	65.24	15.026	
12,445.0	10,519.5	12,604.1	10,540.0	28.0	38.0	91.23	2,063.5	1,530.2	980.2	914.6	65.56	14.951	
12,500.0	10,519.7	12,659.1	10,540.3	28.2	38.2	91.23	2,118.5	1,530.1	980.2	914.2	65.96	14.860	
12,540.0	10,519.8	12,699.1	10,540.4	28.4	38.4	91.23	2,158.5	1,530.0	980.2	913.9	66.26	14.793	
12,600.0	10,520.1	12,759.1	10,540.6	28.7	38.6	91.23	2,218.5	1,529.9	980.2	913.5	66.71	14.692	
12,635.0	10,520.2	12,794.1	10,540.8	28.8	38.7	91.23	2,253.5	1,529.8	980.2	913.2	66.99	14.633	
12,700.0	10,520.4	12,859.1	10,541.0	29.1	38.9	91.23	2,318.5	1,529.7	980.2	912.7	67.49	14.523	
12,730.0	10,520.5	12,889.1	10,541.1	29.2	39.0	91.24	2,348.5	1,529.6	980.2	912.5	67.73	14.471	
12,800.0	10,520.8	12,959.1	10,541.4	29.5	39.3	91.24	2,418.5	1,529.4	980.2	911.9	68.30	14.351	
12,825.0	10,520.8	12,984.1	10,541.5	29.6	39.4	91.24	2,443.5	1,529.4	980.2	911.7	68.51	14.308	
12,900.0	10,521.1	13,059.1	10,541.8	30.0	39.7	91.24	2,518.5	1,529.2	980.2	911.1	69.13	14.179	
12,920.0	10,521.2	13,079.1	10,541.9	30.1	39.8	91.24	2,538.5	1,529.2	980.2	910.9	69.30	14.145	
13,000.0	10,521.5	13,159.1	10,542.2	30.4	40.1	91.24	2,618.5	1,529.0	980.2	910.2	69.98	14.006	
13,015.0	10,521.5	13,174.1	10,542.2	30.5	40.1	91.24	2,633.5	1,529.0	980.2	910.1	70.11	13.980	
13,100.0	10,521.8	13,259.1	10,542.6	30.9	40.5	91.24	2,718.5	1,528.8	980.2	909.3	70.86	13.833	
13,110.0	10,521.8	13,269.1	10,542.6	31.0	40.5	91.24	2,728.5	1,528.7	980.2	909.3	70.95	13.816	
13,200.0	10,522.2	13,359.1	10,543.0	31.4	40.9	91.24	2,818.5	1,528.5	980.2	908.4	71.76	13.660	
13,205.0	10,522.2	13,364.1	10,543.0	31.4	40.9	91.24	2,823.5	1,528.5	980.2	908.4	71.80	13.651	
13,300.0	10,522.5	13,459.1	10,543.3	31.9	41.3	91.25	2,918.5	1,528.3	980.2	907.5	72.68	13.487	
13,395.0	10,522.8	13,554.1	10,543.7	32.4	41.7	91.25	3,013.5	1,528.1	980.2	906.6	73.57	13.324	
13,400.0	10,522.9	13,559.1	10,543.7	32.4	41.8	91.25	3,018.5	1,528.1	980.2	906.6	73.61	13.315	
13,490.0	10,523.2	13,649.1	10,544.1	32.9	42.2	91.25	3,108.5	1,527.9	980.2	905.7	74.48	13.161	
13,500.0	10,523.2	13,659.1	10,544.1	32.9	42.2	91.25	3,118.5	1,527.9	980.2	905.6	74.57	13.144	
13,585.0	10,523.5	13,744.1	10,544.4	33.4	42.6	91.25	3,203.5	1,527.7	980.2	904.8	75.40	13.000	
13,600.0	10,523.6	13,759.1	10,544.5	33.4	42.6	91.25	3,218.5	1,527.6	980.2	904.7	75.55	12.974	
13,680.0	10,523.8	13,839.1	10,544.8	33.9	43.0	91.25	3,298.5	1,527.4	980.2	903.9	76.35	12.839	
13,700.0	10,523.9	13,859.1	10,544.9	34.0	43.1	91.25	3,318.5	1,527.4	980.2	903.7	76.55	12.806	
13,775.0	10,524.2	13,934.1	10,545.2	34.4	43.5	91.26	3,393.5	1,527.2	980.2	902.9	77.30	12.680	
13,800.0	10,524.3	13,959.1	10,545.3	34.5	43.6	91.26	3,418.5	1,527.2	980.2	902.6	77.56	12.639	
13,870.0	10,524.5	14,029.1	10,545.5	34.9	43.9	91.26	3,488.5	1,527.0	980.2	901.9	78.28	12.522	
13,900.0	10,524.6	14,059.1	10,545.6	35.1	44.0	91.26	3,518.5	1,526.9	980.2	901.6	78.59	12.473	
13,965.0	10,524.8	14,124.1	10,545.9	35.4	44.4	91.26	3,583.5	1,526.8	980.2	900.9	79.26	12.366	
14,000.0	10,525.0	14,159.1	10,546.0	35.6	44.5	91.26	3,618.5	1,526.7	980.2	900.6	79.63	12.309	
14,060.0	10,525.2	14,219.1	10,546.3	36.0	44.8	91.26	3,678.5	1,526.6	980.2	899.9	80.27	12.212	
14,100.0	10,525.3	14,259.1	10,546.4	36.2	45.0	91.26	3,718.5	1,526.5	980.2	899.5	80.69	12.148	
14,155.0	10,525.5	14,314.1	10,546.6	36.5	45.3	91.26	3,773.5	1,526.4	980.2	898.9	81.28	12.060	
14,200.0	10,525.7	14,359.1	10,546.8	36.8	45.5	91.26	3,818.5	1,526.3	980.2	898.4	81.76	11.988	
14,250.0	10,525.8	14,409.1	10,547.0	37.1	45.8	91.27	3,868.5	1,526.2	980.2	897.9	82.31	11.909	
14,300.0	10,526.0	14,459.1	10,547.2	37.4	46.0	91.27	3,918.5	1,526.0	980.2	897.4	82.85	11.831	
14,345.0	10,526.2	14,504.1	10,547.4	37.6	46.3	91.27	3,963.5	1,525.9	980.2	896.9	83.35	11.761	
14,400.0	10,526.4	14,559.1	10,547.6	38.0	46.5	91.27	4,018.5	1,525.8	980.2	896.3	83.96	11.675	
14,440.0	10,526.5	14,599.1	10,547.7	38.2	46.7	91.27	4,058.5	1,525.7	980.2	895.8	84.40	11.614	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,500.0	10,526.7	14,659.1	10,548.0	38.5	47.1	91.27	4,118.5	1,525.6	980.2	895.1	85.07	11.522	
14,535.0	10,526.8	14,694.1	10,548.1	38.8	47.2	91.27	4,153.5	1,525.5	980.2	894.7	85.46	11.469	
14,600.0	10,527.1	14,759.1	10,548.3	39.1	47.6	91.27	4,218.5	1,525.4	980.2	894.0	86.20	11.372	
14,630.0	10,527.2	14,789.1	10,548.5	39.3	47.7	91.27	4,248.5	1,525.3	980.2	893.7	86.54	11.327	
14,700.0	10,527.4	14,859.1	10,548.7	39.8	48.1	91.27	4,318.5	1,525.1	980.2	892.9	87.34	11.223	
14,725.0	10,527.5	14,884.1	10,548.8	39.9	48.2	91.28	4,343.5	1,525.1	980.2	892.6	87.62	11.187	
14,800.0	10,527.8	14,959.1	10,549.1	40.4	48.7	91.28	4,418.5	1,524.9	980.2	891.7	88.49	11.077	
14,820.0	10,527.8	14,979.1	10,549.2	40.5	48.8	91.28	4,438.5	1,524.9	980.2	891.5	88.72	11.048	
14,900.0	10,528.1	15,059.1	10,549.5	41.0	49.2	91.28	4,518.5	1,524.7	980.2	890.6	89.65	10.934	
14,915.0	10,528.2	15,074.1	10,549.6	41.1	49.3	91.28	4,533.5	1,524.6	980.2	890.4	89.83	10.912	
15,000.0	10,528.5	15,159.1	10,549.9	41.6	49.7	91.28	4,618.5	1,524.5	980.2	889.4	90.82	10.793	
15,010.0	10,528.5	15,169.1	10,549.9	41.7	49.8	91.28	4,628.5	1,524.4	980.2	889.3	90.94	10.779	
15,100.0	10,528.8	15,259.1	10,550.3	42.2	50.3	91.28	4,718.5	1,524.2	980.2	888.2	92.01	10.654	
15,105.0	10,528.8	15,264.1	10,550.3	42.3	50.3	91.28	4,723.5	1,524.2	980.2	888.2	92.07	10.647	
15,200.0	10,529.2	15,359.1	10,550.7	42.9	50.9	91.28	4,818.5	1,524.0	980.2	887.0	93.20	10.517	
15,295.0	10,529.5	15,454.1	10,551.0	43.5	51.4	91.29	4,913.5	1,523.8	980.2	885.9	94.34	10.390	
15,300.0	10,529.5	15,459.1	10,551.0	43.5	51.4	91.29	4,918.5	1,523.8	980.2	885.8	94.40	10.384	
15,390.0	10,529.8	15,549.1	10,551.4	44.1	51.9	91.29	5,008.5	1,523.6	980.2	884.7	95.49	10.265	
15,400.0	10,529.9	15,559.1	10,551.4	44.1	52.0	91.29	5,018.5	1,523.5	980.2	884.6	95.61	10.252	
15,485.0	10,530.2	15,644.1	10,551.7	44.7	52.5	91.29	5,103.5	1,523.4	980.2	883.6	96.65	10.142	
15,500.0	10,530.2	15,659.1	10,551.8	44.8	52.6	91.29	5,118.5	1,523.3	980.2	883.4	96.83	10.123	
15,580.0	10,530.5	15,739.1	10,552.1	45.3	53.0	91.29	5,198.5	1,523.1	980.2	882.4	97.82	10.021	
15,600.0	10,530.6	15,759.1	10,552.2	45.4	53.1	91.29	5,218.5	1,523.1	980.2	882.2	98.06	9.996	
15,675.0	10,530.8	15,834.1	10,552.5	45.9	53.6	91.29	5,293.5	1,522.9	980.2	881.2	98.99	9.902	
15,700.0	10,530.9	15,859.1	10,552.6	46.1	53.7	91.29	5,318.5	1,522.9	980.2	880.9	99.30	9.871	
15,770.0	10,531.2	15,929.1	10,552.8	46.5	54.1	91.30	5,388.5	1,522.7	980.2	880.1	100.17	9.786	
15,800.0	10,531.3	15,959.1	10,553.0	46.7	54.3	91.30	5,418.5	1,522.6	980.2	879.7	100.54	9.749	
15,865.0	10,531.5	16,024.1	10,553.2	47.1	54.7	91.30	5,483.5	1,522.5	980.2	878.9	101.36	9.671	
15,900.0	10,531.6	16,059.1	10,553.3	47.4	54.9	91.30	5,518.5	1,522.4	980.2	878.4	101.80	9.629	
15,960.0	10,531.8	16,119.1	10,553.6	47.8	55.3	91.30	5,578.5	1,522.3	980.2	877.7	102.55	9.558	
16,000.0	10,532.0	16,159.1	10,553.7	48.0	55.5	91.30	5,618.5	1,522.2	980.2	877.2	103.06	9.512	
16,055.0	10,532.2	16,214.1	10,553.9	48.4	55.8	91.30	5,673.5	1,522.1	980.2	876.5	103.75	9.448	
16,100.0	10,532.3	16,259.1	10,554.1	48.7	56.1	91.30	5,718.5	1,522.0	980.2	875.9	104.32	9.396	
16,150.0	10,532.5	16,309.1	10,554.3	49.0	56.4	91.30	5,768.5	1,521.8	980.2	875.3	104.96	9.339	
16,200.0	10,532.7	16,359.1	10,554.5	49.4	56.7	91.30	5,818.5	1,521.7	980.2	874.6	105.60	9.283	
16,245.0	10,532.8	16,404.1	10,554.7	49.7	57.0	91.31	5,863.5	1,521.6	980.2	874.1	106.17	9.233	
16,300.0	10,533.0	16,459.1	10,554.9	50.0	57.3	91.31	5,918.5	1,521.5	980.2	873.4	106.88	9.172	
16,340.0	10,533.2	16,499.1	10,555.0	50.3	57.6	91.31	5,958.5	1,521.4	980.2	872.8	107.39	9.128	
16,400.0	10,533.4	16,559.1	10,555.3	50.7	57.9	91.31	6,018.5	1,521.3	980.2	872.1	108.16	9.063	
16,435.0	10,533.5	16,594.1	10,555.4	50.9	58.2	91.31	6,053.5	1,521.2	980.2	871.6	108.61	9.025	
16,500.0	10,533.7	16,659.1	10,555.7	51.4	58.6	91.31	6,118.5	1,521.1	980.2	870.8	109.45	8.956	
16,530.0	10,533.8	16,689.1	10,555.8	51.6	58.7	91.31	6,148.5	1,521.0	980.2	870.4	109.84	8.924	
16,600.0	10,534.1	16,759.1	10,556.0	52.1	59.2	91.31	6,218.5	1,520.8	980.2	869.5	110.75	8.851	
16,625.0	10,534.2	16,784.1	10,556.1	52.2	59.3	91.31	6,243.5	1,520.8	980.2	869.2	111.08	8.825	
16,700.0	10,534.4	16,859.1	10,556.4	52.7	59.8	91.31	6,318.5	1,520.6	980.2	868.2	112.06	8.748	
16,720.0	10,534.5	16,879.1	10,556.5	52.9	59.9	91.32	6,338.5	1,520.6	980.2	867.9	112.32	8.727	
16,800.0	10,534.8	16,959.1	10,556.8	53.4	60.4	91.32	6,418.5	1,520.4	980.2	866.9	113.37	8.647	
16,815.0	10,534.8	16,974.1	10,556.9	53.5	60.5	91.32	6,433.5	1,520.3	980.2	866.7	113.56	8.632	
16,900.0	10,535.1	17,059.1	10,557.2	54.1	61.0	91.32	6,518.5	1,520.1	980.2	865.6	114.68	8.548	
16,910.0	10,535.2	17,069.1	10,557.2	54.2	61.1	91.32	6,528.5	1,520.1	980.2	865.4	114.81	8.538	
17,000.0	10,535.5	17,159.1	10,557.6	54.8	61.7	91.32	6,618.5	1,519.9	980.2	864.2	116.00	8.450	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,005.0	10,535.5	17,164.1	10,557.6	54.8	61.7	91.32	6,623.5	1,519.9	980.2	864.2	116.07	8.445	
17,100.0	10,535.8	17,259.1	10,558.0	55.5	62.3	91.32	6,718.5	1,519.7	980.2	862.9	117.32	8.355	
17,195.0	10,536.2	17,354.1	10,558.3	56.1	62.9	91.32	6,813.5	1,519.5	980.2	861.6	118.59	8.266	
17,200.0	10,536.2	17,359.1	10,558.4	56.2	62.9	91.32	6,818.5	1,519.5	980.2	861.6	118.65	8.261	
17,290.0	10,536.5	17,449.1	10,558.7	56.8	63.5	91.33	6,908.5	1,519.3	980.2	860.4	119.85	8.179	
17,300.0	10,536.5	17,459.1	10,558.7	56.8	63.6	91.33	6,918.5	1,519.2	980.2	860.2	119.99	8.169	
17,385.0	10,536.8	17,544.1	10,559.1	57.4	64.1	91.33	7,003.5	1,519.0	980.2	859.1	121.13	8.093	
17,400.0	10,536.9	17,559.1	10,559.1	57.5	64.2	91.33	7,018.5	1,519.0	980.2	858.9	121.33	8.079	
17,480.0	10,537.2	17,639.1	10,559.4	58.1	64.7	91.33	7,098.5	1,518.8	980.2	857.8	122.40	8.008	
17,500.0	10,537.2	17,659.1	10,559.5	58.2	64.9	91.33	7,118.5	1,518.8	980.2	857.6	122.67	7.991	
17,575.0	10,537.5	17,734.1	10,559.8	58.8	65.4	91.33	7,193.5	1,518.6	980.2	856.6	123.68	7.926	
17,600.0	10,537.6	17,759.1	10,559.9	58.9	65.5	91.33	7,218.5	1,518.6	980.2	856.2	124.02	7.904	
17,670.0	10,537.8	17,829.1	10,560.2	59.4	66.0	91.33	7,288.5	1,518.4	980.2	855.3	124.96	7.844	
17,700.0	10,537.9	17,859.1	10,560.3	59.6	66.2	91.33	7,318.5	1,518.3	980.2	854.9	125.37	7.819	
17,765.0	10,538.2	17,924.1	10,560.5	60.1	66.6	91.34	7,383.5	1,518.2	980.2	854.0	126.25	7.764	
17,800.0	10,538.3	17,959.1	10,560.7	60.3	66.8	91.34	7,418.5	1,518.1	980.2	853.5	126.72	7.735	
17,860.0	10,538.5	18,019.1	10,560.9	60.7	67.2	91.34	7,478.5	1,518.0	980.2	852.7	127.54	7.686	
17,900.0	10,538.6	18,059.1	10,561.0	61.0	67.5	91.34	7,518.5	1,517.9	980.2	852.2	128.08	7.653	
17,955.0	10,538.8	18,114.1	10,561.3	61.4	67.8	91.34	7,573.5	1,517.8	980.2	851.4	128.83	7.609	
18,000.0	10,539.0	18,159.1	10,561.4	61.7	68.1	91.34	7,618.5	1,517.7	980.2	850.8	129.45	7.573	
18,050.0	10,539.2	18,209.1	10,561.6	62.1	68.5	91.34	7,668.5	1,517.5	980.2	850.1	130.13	7.533	
18,100.0	10,539.3	18,259.1	10,561.8	62.4	68.8	91.34	7,718.5	1,517.4	980.2	849.4	130.81	7.494	
18,145.0	10,539.5	18,304.1	10,562.0	62.8	69.1	91.34	7,763.5	1,517.3	980.2	848.8	131.43	7.458	
18,200.0	10,539.7	18,359.1	10,562.2	63.1	69.5	91.34	7,818.5	1,517.2	980.2	848.1	132.18	7.416	
18,240.0	10,539.8	18,399.1	10,562.4	63.4	69.7	91.35	7,858.5	1,517.1	980.2	847.5	132.73	7.385	
18,300.0	10,540.0	18,459.1	10,562.6	63.8	70.1	91.35	7,918.5	1,517.0	980.2	846.7	133.55	7.340	
18,335.0	10,540.2	18,494.1	10,562.7	64.1	70.4	91.35	7,953.5	1,516.9	980.2	846.2	134.04	7.313	
18,400.0	10,540.4	18,559.1	10,563.0	64.6	70.8	91.35	8,018.5	1,516.7	980.2	845.3	134.93	7.265	
18,430.0	10,540.5	18,589.1	10,563.1	64.8	71.0	91.35	8,048.5	1,516.7	980.2	844.9	135.34	7.243	
18,500.0	10,540.7	18,659.1	10,563.4	65.3	71.5	91.35	8,118.5	1,516.5	980.2	843.9	136.31	7.191	
18,525.0	10,540.8	18,684.1	10,563.5	65.4	71.6	91.35	8,143.5	1,516.5	980.2	843.6	136.66	7.173	
18,600.0	10,541.1	18,759.1	10,563.7	66.0	72.1	91.35	8,218.5	1,516.3	980.2	842.6	137.69	7.119	
18,620.0	10,541.2	18,779.1	10,563.8	66.1	72.3	91.35	8,238.5	1,516.2	980.2	842.3	137.97	7.105	
18,700.0	10,541.4	18,859.1	10,564.1	66.7	72.8	91.35	8,318.5	1,516.1	980.2	841.2	139.08	7.048	
18,715.0	10,541.5	18,874.1	10,564.2	66.8	72.9	91.36	8,333.5	1,516.0	980.2	841.0	139.29	7.038	
18,800.0	10,541.8	18,959.1	10,564.5	67.4	73.5	91.36	8,418.5	1,515.8	980.3	839.8	140.47	6.979	
18,810.0	10,541.8	18,969.1	10,564.5	67.5	73.5	91.36	8,428.5	1,515.8	980.3	839.6	140.61	6.972	
18,900.0	10,542.1	19,059.1	10,564.9	68.1	74.1	91.36	8,518.5	1,515.6	980.3	838.4	141.86	6.910	
18,905.0	10,542.2	19,064.1	10,564.9	68.2	74.2	91.36	8,523.5	1,515.6	980.3	838.3	141.93	6.907	
19,000.0	10,542.5	19,159.1	10,565.3	68.8	74.8	91.36	8,618.5	1,515.4	980.3	837.0	143.25	6.843	
19,095.0	10,542.8	19,254.1	10,565.6	69.5	75.5	91.36	8,713.5	1,515.2	980.3	835.7	144.58	6.780	
19,100.0	10,542.8	19,259.1	10,565.7	69.5	75.5	91.36	8,718.5	1,515.2	980.3	835.6	144.65	6.777	
19,190.0	10,543.2	19,349.1	10,566.0	70.2	76.1	91.36	8,808.5	1,515.0	980.3	834.3	145.91	6.718	
19,200.0	10,543.2	19,359.1	10,566.0	70.3	76.2	91.37	8,818.5	1,514.9	980.3	834.2	146.05	6.712	
19,285.0	10,543.5	19,444.1	10,566.4	70.9	76.8	91.37	8,903.5	1,514.7	980.3	833.0	147.24	6.658	
19,300.0	10,543.5	19,459.1	10,566.4	71.0	76.9	91.37	8,918.5	1,514.7	980.3	832.8	147.45	6.648	
19,380.0	10,543.8	19,539.1	10,566.7	71.6	77.4	91.37	8,998.5	1,514.5	980.3	831.7	148.57	6.598	
19,400.0	10,543.9	19,559.1	10,566.8	71.7	77.5	91.37	9,018.5	1,514.5	980.3	831.4	148.85	6.585	
19,475.0	10,544.2	19,634.1	10,567.1	72.2	78.0	91.37	9,093.5	1,514.3	980.3	830.3	149.91	6.539	
19,500.0	10,544.2	19,659.1	10,567.2	72.4	78.2	91.37	9,118.5	1,514.3	980.3	830.0	150.26	6.524	
19,570.0	10,544.5	19,729.1	10,567.5	72.9	78.7	91.37	9,188.5	1,514.1	980.3	829.0	151.25	6.481	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,600.0	10,544.6	19,759.1	10,567.6	73.1	78.9	91.37	9,218.5	1,514.0	980.3	828.6	151.67	6.463	
19,665.0	10,544.8	19,824.1	10,567.8	73.6	79.4	91.37	9,283.5	1,513.9	980.3	827.7	152.59	6.424	
19,700.0	10,545.0	19,859.1	10,568.0	73.9	79.6	91.38	9,318.5	1,513.8	980.3	827.2	153.08	6.404	
19,760.0	10,545.2	19,919.1	10,568.2	74.3	80.0	91.38	9,378.5	1,513.7	980.3	826.3	153.93	6.368	
19,800.0	10,545.3	19,959.1	10,568.4	74.6	80.3	91.38	9,418.5	1,513.6	980.3	825.8	154.49	6.345	
19,855.0	10,545.5	20,014.1	10,568.6	75.0	80.7	91.38	9,473.5	1,513.4	980.3	825.0	155.27	6.313	
19,900.0	10,545.7	20,059.1	10,568.7	75.3	81.0	91.38	9,518.5	1,513.3	980.3	824.4	155.91	6.287	
19,950.0	10,545.8	20,109.1	10,568.9	75.7	81.3	91.38	9,568.5	1,513.2	980.3	823.6	156.62	6.259	
20,000.0	10,546.0	20,159.1	10,569.1	76.0	81.7	91.38	9,618.5	1,513.1	980.3	822.9	157.33	6.231	
20,045.0	10,546.2	20,204.1	10,569.3	76.4	82.0	91.38	9,663.5	1,513.0	980.3	822.3	157.96	6.206	
20,100.0	10,546.4	20,259.1	10,569.5	76.8	82.4	91.38	9,718.5	1,512.9	980.3	821.5	158.75	6.175	
20,140.0	10,546.5	20,299.1	10,569.7	77.0	82.6	91.38	9,758.5	1,512.8	980.3	820.9	159.31	6.153	
20,200.0	10,546.7	20,359.1	10,569.9	77.5	83.0	91.39	9,818.5	1,512.7	980.3	820.1	160.17	6.120	
20,235.0	10,546.8	20,394.1	10,570.0	77.7	83.3	91.39	9,853.5	1,512.6	980.3	819.6	160.67	6.101	
20,300.0	10,547.1	20,459.1	10,570.3	78.2	83.7	91.39	9,918.5	1,512.4	980.3	818.7	161.59	6.066	
20,330.0	10,547.2	20,489.1	10,570.4	78.4	83.9	91.39	9,948.5	1,512.4	980.3	818.2	162.02	6.050	
20,400.0	10,547.4	20,559.1	10,570.7	78.9	84.4	91.39	10,018.5	1,512.2	980.3	817.2	163.02	6.013	
20,425.0	10,547.5	20,584.1	10,570.8	79.1	84.6	91.39	10,043.5	1,512.2	980.3	816.9	163.37	6.000	
20,500.0	10,547.8	20,659.1	10,571.1	79.7	85.1	91.39	10,118.5	1,512.0	980.3	815.8	164.44	5.961	
20,520.0	10,547.8	20,679.1	10,571.1	79.8	85.3	91.39	10,138.5	1,511.9	980.3	815.5	164.73	5.951	
20,600.0	10,548.1	20,759.1	10,571.4	80.4	85.8	91.39	10,218.5	1,511.8	980.3	814.4	165.87	5.910	
20,615.0	10,548.2	20,774.1	10,571.5	80.5	85.9	91.39	10,233.5	1,511.7	980.3	814.2	166.09	5.902	
20,700.0	10,548.5	20,859.1	10,571.8	81.1	86.5	91.40	10,318.5	1,511.5	980.3	813.0	167.30	5.859	
20,710.0	10,548.5	20,869.1	10,571.9	81.2	86.6	91.40	10,328.5	1,511.5	980.3	812.8	167.44	5.854	
20,800.0	10,548.8	20,959.1	10,572.2	81.8	87.2	91.40	10,418.5	1,511.3	980.3	811.5	168.73	5.810	
20,805.0	10,548.8	20,964.1	10,572.2	81.9	87.3	91.40	10,423.5	1,511.3	980.3	811.5	168.81	5.807	
20,900.0	10,549.2	21,059.1	10,572.6	82.6	87.9	91.40	10,518.5	1,511.1	980.3	810.1	170.17	5.761	
20,995.0	10,549.5	21,154.1	10,573.0	83.3	88.6	91.40	10,613.5	1,510.9	980.3	808.7	171.53	5.715	
21,000.0	10,549.5	21,159.1	10,573.0	83.3	88.6	91.40	10,618.5	1,510.9	980.3	808.7	171.60	5.712	
21,090.0	10,549.8	21,249.1	10,573.3	84.0	89.3	91.40	10,708.5	1,510.6	980.3	807.4	172.90	5.670	
21,100.0	10,549.9	21,259.1	10,573.4	84.0	89.3	91.40	10,718.5	1,510.6	980.3	807.2	173.04	5.665	
21,185.0	10,550.2	21,344.1	10,573.7	84.7	89.9	91.40	10,803.5	1,510.4	980.3	806.0	174.26	5.625	
21,200.0	10,550.2	21,359.1	10,573.7	84.8	90.0	91.41	10,818.5	1,510.4	980.3	805.8	174.48	5.618	
21,280.0	10,550.5	21,439.1	10,574.1	85.4	90.6	91.41	10,898.5	1,510.2	980.3	804.6	175.63	5.581	
21,300.0	10,550.6	21,459.1	10,574.1	85.5	90.7	91.41	10,918.5	1,510.2	980.3	804.4	175.92	5.572	
21,375.0	10,550.8	21,534.1	10,574.4	86.1	91.3	91.41	10,993.5	1,510.0	980.3	803.3	177.00	5.538	
21,400.0	10,550.9	21,559.1	10,574.5	86.2	91.5	91.41	11,018.5	1,509.9	980.3	802.9	177.36	5.527	
21,470.0	10,551.2	21,629.1	10,574.8	86.8	91.9	91.41	11,088.5	1,509.8	980.3	801.9	178.37	5.496	
21,500.0	10,551.3	21,659.1	10,574.9	87.0	92.2	91.41	11,118.5	1,509.7	980.3	801.5	178.80	5.482	
21,565.0	10,551.5	21,724.1	10,575.2	87.4	92.6	91.41	11,183.5	1,509.6	980.3	800.5	179.74	5.454	
21,600.0	10,551.6	21,759.1	10,575.3	87.7	92.9	91.41	11,218.5	1,509.5	980.3	800.0	180.25	5.439	
21,660.0	10,551.8	21,819.1	10,575.5	88.1	93.3	91.41	11,278.5	1,509.4	980.3	799.2	181.11	5.413	
21,700.0	10,552.0	21,859.1	10,575.7	88.4	93.6	91.42	11,318.5	1,509.3	980.3	798.6	181.69	5.395	
21,755.0	10,552.2	21,914.1	10,575.9	88.8	94.0	91.42	11,373.5	1,509.1	980.3	797.8	182.49	5.372	
21,800.0	10,552.3	21,959.1	10,576.1	89.2	94.3	91.42	11,418.5	1,509.0	980.3	797.1	183.14	5.353	
21,850.0	10,552.5	22,009.1	10,576.3	89.5	94.6	91.42	11,468.5	1,508.9	980.3	796.4	183.86	5.332	
21,900.0	10,552.7	22,059.1	10,576.4	89.9	95.0	91.42	11,518.4	1,508.8	980.3	795.7	184.59	5.311	
21,945.0	10,552.8	22,104.1	10,576.6	90.2	95.3	91.42	11,563.4	1,508.7	980.3	795.0	185.24	5.292	
22,000.0	10,553.0	22,159.1	10,576.8	90.6	95.7	91.42	11,618.4	1,508.6	980.3	794.2	186.04	5.269	
22,040.0	10,553.2	22,199.1	10,577.0	90.9	96.0	91.42	11,658.4	1,508.5	980.3	793.7	186.62	5.253	
22,100.0	10,553.4	22,259.1	10,577.2	91.4	96.4	91.42	11,718.4	1,508.4	980.3	792.8	187.49	5.229	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #906H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10135-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
22,135.0	10,553.5	22,294.1	10,577.3	91.6	96.7	91.42	11,753.4	1,508.3	980.3	792.3	187.99	5.214	
22,200.0	10,553.7	22,359.1	10,577.6	92.1	97.1	91.43	11,818.4	1,508.1	980.3	791.3	188.94	5.188	
22,230.0	10,553.8	22,389.1	10,577.7	92.3	97.3	91.43	11,848.4	1,508.1	980.3	790.9	189.37	5.176	
22,300.0	10,554.1	22,459.1	10,578.0	92.9	97.8	91.43	11,918.4	1,507.9	980.3	789.9	190.39	5.149	
22,325.0	10,554.2	22,484.1	10,578.1	93.0	98.0	91.43	11,943.4	1,507.8	980.3	789.5	190.75	5.139	
22,400.0	10,554.4	22,559.1	10,578.4	93.6	98.6	91.43	12,018.4	1,507.7	980.3	788.4	191.84	5.110	
22,420.0	10,554.5	22,579.1	10,578.4	93.7	98.7	91.43	12,038.4	1,507.6	980.3	788.1	192.13	5.102	
22,436.1	10,554.5	22,595.1	10,578.5	93.9	98.8	91.43	12,054.5	1,507.6	980.3	787.9	192.37	5.096	
22,500.0	10,554.8	22,659.1	10,578.8	94.3	99.3	91.43	12,118.4	1,507.5	980.3	787.0	193.30	5.071	
22,515.0	10,554.8	22,674.1	10,578.8	94.4	99.4	91.43	12,133.4	1,507.4	980.3	786.8	193.51	5.066	
22,520.0	10,554.8	22,679.1	10,578.8	94.5	99.4	91.43	12,138.4	1,507.4	980.3	786.7	193.59	5.064	
22,566.0	10,555.0	22,723.5	10,579.0	94.8	99.7	91.43	12,182.9	1,507.3	980.3	786.0	194.26	5.046	
22,566.5	10,555.0	22,723.5	10,579.0	94.8	99.7	91.43	12,182.9	1,507.3	980.3	786.0	194.26	5.046	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	89.54	0.2	29.8	29.8				
95.0	95.0	94.7	94.7	3.0	3.0	89.54	0.2	29.8	29.8	23.8	6.04	4.941	
100.0	100.0	99.7	99.7	3.0	3.0	89.54	0.2	29.8	29.8	23.8	6.04	4.937	
190.0	190.0	189.7	189.7	3.1	3.1	89.54	0.2	29.8	29.8	23.6	6.25	4.770	
200.0	200.0	199.7	199.7	3.1	3.1	89.54	0.2	29.8	29.8	23.5	6.29	4.744	
285.0	285.0	284.7	284.7	3.3	3.3	89.54	0.2	29.8	29.8	23.3	6.48	4.600	
300.0	300.0	299.7	299.7	3.3	3.3	89.54	0.2	29.8	29.8	23.3	6.52	4.572	
380.0	380.0	379.7	379.7	3.4	3.4	89.54	0.2	29.8	29.8	23.1	6.70	4.450	
400.0	400.0	399.7	399.7	3.4	3.4	89.54	0.2	29.8	29.8	23.1	6.75	4.418	
475.0	475.0	474.7	474.7	3.5	3.5	89.54	0.2	29.8	29.8	22.9	6.91	4.314	
500.0	500.0	499.7	499.7	3.5	3.5	89.54	0.2	29.8	29.8	22.9	6.97	4.278	
570.0	570.0	569.7	569.7	3.6	3.6	89.54	0.2	29.8	29.8	22.7	7.12	4.189	
600.0	600.0	599.7	599.7	3.6	3.6	89.54	0.2	29.8	29.8	22.6	7.18	4.151	
665.0	665.0	664.7	664.7	3.7	3.7	89.54	0.2	29.8	29.8	22.5	7.32	4.075	
700.0	700.0	699.7	699.7	3.8	3.8	89.54	0.2	29.8	29.8	22.4	7.39	4.034	
760.0	760.0	759.7	759.7	3.8	3.8	89.54	0.2	29.8	29.8	22.3	7.51	3.970	
800.0	800.0	799.7	799.7	3.9	3.9	89.54	0.2	29.8	29.8	22.2	7.59	3.927	
855.0	855.0	854.7	854.7	4.0	4.0	89.54	0.2	29.8	29.8	22.1	7.70	3.872	
900.0	900.0	899.7	899.7	4.0	4.0	89.54	0.2	29.8	29.8	22.0	7.79	3.828	
950.0	950.0	949.7	949.7	4.1	4.1	89.54	0.2	29.8	29.8	21.9	7.89	3.782	
1,000.0	1,000.0	999.7	999.7	4.1	4.1	89.54	0.2	29.8	29.8	21.8	7.98	3.736	
1,045.0	1,045.0	1,044.7	1,044.7	4.2	4.2	89.54	0.2	29.8	29.8	21.8	8.07	3.697	
1,100.0	1,100.0	1,099.7	1,099.7	4.2	4.2	89.54	0.2	29.8	29.8	21.7	8.17	3.650	
1,140.0	1,140.0	1,139.7	1,139.7	4.3	4.3	89.54	0.2	29.8	29.8	21.6	8.24	3.618	
1,200.0	1,200.0	1,199.7	1,199.7	4.4	4.4	89.54	0.2	29.8	29.8	21.5	8.35	3.570	
1,235.0	1,235.0	1,234.7	1,234.7	4.4	4.4	89.54	0.2	29.8	29.8	21.4	8.41	3.544	
1,300.0	1,300.0	1,299.7	1,299.7	4.5	4.5	89.54	0.2	29.8	29.8	21.3	8.53	3.495	
1,330.0	1,330.0	1,329.7	1,329.7	4.5	4.5	89.54	0.2	29.8	29.8	21.2	8.58	3.474	
1,400.0	1,400.0	1,399.7	1,399.7	4.6	4.6	89.54	0.2	29.8	29.8	21.1	8.71	3.425	
1,425.0	1,425.0	1,424.7	1,424.7	4.6	4.6	89.54	0.2	29.8	29.8	21.1	8.75	3.408	
1,500.0	1,500.0	1,499.7	1,499.7	4.7	4.7	89.54	0.2	29.8	29.8	20.9	8.88	3.359	
1,520.0	1,520.0	1,519.5	1,519.5	4.7	4.7	-8.92	0.2	29.9	29.8	20.9	8.95	3.330	
1,600.0	1,600.0	1,598.7	1,598.7	4.8	4.8	-9.14	0.1	31.5	29.8	20.6	9.26	3.220	
1,615.0	1,615.0	1,613.5	1,613.5	4.8	4.8	-9.21	0.1	32.1	29.8	20.5	9.34	3.193	
1,700.0	1,699.8	1,697.7	1,697.5	5.0	5.0	-9.83	-0.3	36.6	29.8	20.0	9.80	3.041	
1,710.0	1,709.8	1,707.5	1,707.4	5.0	5.0	-9.92	-0.4	37.3	29.8	19.9	9.85	3.024	
1,800.0	1,799.5	1,796.6	1,796.1	5.2	5.2	-10.97	-1.0	45.1	29.8	19.4	10.35	2.876	
1,805.0	1,804.4	1,801.6	1,801.0	5.2	5.2	-11.04	-1.0	45.6	29.8	19.4	10.38	2.870	
1,822.8	1,822.1	1,819.2	1,818.6	5.3	5.3	-11.30	-1.2	47.5	29.8	19.3	10.45	2.849 CC	
1,850.0	1,849.2	1,846.2	1,845.3	5.3	5.4	-11.71	-1.4	50.6	29.8	19.2	10.56	2.819 ES	
1,900.0	1,898.8	1,895.6	1,894.3	5.4	5.5	-12.39	-1.9	57.0	30.2	19.4	10.77	2.804	
1,995.0	1,993.0	1,989.5	1,987.1	5.6	5.8	-12.94	-3.1	71.4	33.4	22.1	11.28	2.960	
2,000.0	1,998.0	1,994.5	1,992.0	5.6	5.8	-12.94	-3.1	72.3	33.6	22.3	11.31	2.975	
2,090.0	2,087.3	2,083.1	2,079.1	5.9	6.1	-12.66	-4.4	88.8	39.6	27.8	11.82	3.353	
2,100.0	2,097.3	2,093.0	2,088.7	5.9	6.2	-12.60	-4.6	90.8	40.5	28.6	11.88	3.407	
2,185.0	2,181.6	2,177.5	2,171.5	6.1	6.4	-12.09	-6.0	108.3	47.9	35.5	12.38	3.872	
2,200.0	2,196.5	2,192.5	2,186.1	6.2	6.5	-12.01	-6.2	111.4	49.2	36.8	12.46	3.950	
2,280.0	2,275.9	2,272.2	2,264.0	6.4	6.7	-11.67	-7.5	127.9	56.3	43.3	12.96	4.341	
2,300.0	2,295.8	2,292.1	2,283.5	6.5	6.8	-11.60	-7.9	132.0	58.0	44.9	13.08	4.434	
2,375.0	2,370.2	2,366.8	2,356.6	6.7	7.0	-11.37	-9.1	147.5	64.6	51.0	13.57	4.761	
2,400.0	2,395.0	2,391.7	2,381.0	6.8	7.1	-11.30	-9.5	152.7	66.8	53.1	13.73	4.864	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,470.0	2,464.5	2,461.4	2,449.2	7.0	7.3	-11.13	-10.6	167.1	72.9	58.7	14.20	5.135	
2,500.0	2,494.3	2,491.3	2,478.4	7.1	7.4	-11.07	-11.1	173.3	75.6	61.2	14.41	5.245	
2,565.0	2,558.8	2,556.1	2,541.7	7.3	7.7	-10.95	-12.2	186.7	81.3	66.4	14.86	5.469	
2,600.0	2,593.5	2,590.9	2,575.8	7.4	7.8	-10.89	-12.8	194.0	84.3	69.2	15.10	5.583	
2,660.0	2,653.1	2,650.7	2,634.3	7.6	8.0	-10.79	-13.8	206.4	89.6	74.1	15.54	5.768	
2,700.0	2,692.8	2,690.6	2,673.3	7.8	8.2	-10.74	-14.4	214.6	93.1	77.3	15.82	5.884	
2,755.0	2,747.4	2,745.3	2,726.9	7.9	8.4	-10.67	-15.3	226.0	97.9	81.7	16.23	6.035	
2,800.0	2,792.0	2,790.2	2,770.7	8.1	8.5	-10.61	-16.1	235.3	101.9	85.3	16.56	6.153	
2,850.0	2,841.7	2,840.0	2,819.4	8.3	8.7	-10.56	-16.9	245.6	106.3	89.3	16.94	6.275	
2,900.0	2,891.3	2,889.8	2,868.1	8.5	8.9	-10.51	-17.7	255.9	110.7	93.4	17.31	6.392	
2,945.0	2,936.0	2,934.6	2,912.0	8.6	9.1	-10.47	-18.4	265.2	114.6	97.0	17.66	6.492	
3,000.0	2,990.6	2,989.4	2,965.6	8.8	9.3	-10.42	-19.3	276.6	119.4	101.4	18.08	6.607	
3,040.0	3,030.3	3,029.2	3,004.6	9.0	9.5	-10.39	-20.0	284.8	123.0	104.6	18.39	6.687	
3,100.0	3,089.8	3,089.0	3,063.0	9.2	9.7	-10.34	-21.0	297.2	128.2	109.4	18.85	6.801	
3,135.0	3,124.5	3,123.9	3,097.1	9.3	9.9	-10.32	-21.5	304.4	131.3	112.2	19.13	6.864	
3,200.0	3,189.1	3,188.6	3,160.5	9.6	10.1	-10.28	-22.6	317.8	137.0	117.4	19.64	6.975	
3,230.0	3,218.8	3,218.5	3,189.7	9.7	10.3	-10.26	-23.1	324.0	139.6	119.8	19.88	7.024	
3,300.0	3,288.3	3,288.2	3,257.9	9.9	10.6	-10.22	-24.2	338.5	145.8	125.3	20.44	7.133	
3,325.0	3,313.1	3,313.1	3,282.3	10.0	10.7	-10.21	-24.6	343.7	148.0	127.3	20.64	7.170	
3,400.0	3,387.6	3,387.9	3,355.3	10.3	11.0	-10.17	-25.9	359.1	154.6	133.3	21.24	7.276	
3,420.0	3,407.4	3,407.8	3,374.8	10.4	11.1	-10.16	-26.2	363.3	156.3	134.9	21.41	7.303	
3,500.0	3,486.8	3,487.5	3,452.8	10.7	11.4	-10.12	-27.5	379.8	163.3	141.3	22.06	7.406	
3,515.0	3,501.7	3,502.4	3,467.4	10.7	11.5	-10.12	-27.8	382.9	164.7	142.5	22.18	7.425	
3,600.0	3,586.1	3,587.1	3,550.2	11.1	11.8	-10.08	-29.1	400.4	172.1	149.2	22.87	7.525	
3,610.0	3,596.0	3,597.0	3,560.0	11.1	11.9	-10.08	-29.3	402.5	173.0	150.0	22.96	7.536	
3,700.0	3,685.3	3,686.7	3,647.6	11.5	12.2	-10.04	-30.8	421.1	180.9	157.2	23.70	7.634	
3,705.0	3,690.3	3,691.7	3,652.5	11.5	12.3	-10.04	-30.9	422.1	181.3	157.6	23.74	7.639	
3,800.0	3,784.6	3,786.3	3,745.1	11.8	12.7	-10.01	-32.4	441.7	189.7	165.2	24.53	7.733	
3,895.0	3,878.9	3,880.9	3,837.6	12.2	13.1	-9.98	-34.0	461.3	198.0	172.7	25.32	7.821	
3,900.0	3,883.8	3,885.9	3,842.5	12.2	13.1	-9.98	-34.1	462.4	198.5	173.1	25.36	7.825	
3,990.0	3,973.2	3,975.6	3,930.2	12.6	13.5	-9.95	-35.5	480.9	206.4	180.2	26.12	7.902	
4,000.0	3,983.1	3,985.5	3,940.0	12.6	13.6	-9.95	-35.7	483.0	207.2	181.0	26.20	7.910	
4,085.0	4,067.5	4,070.2	4,022.8	13.0	13.9	-9.93	-37.1	500.6	214.7	187.8	26.92	7.977	
4,100.0	4,082.4	4,085.1	4,037.4	13.0	14.0	-9.92	-37.3	503.7	216.0	189.0	27.04	7.988	
4,180.0	4,161.8	4,164.8	4,115.3	13.3	14.3	-9.90	-38.6	520.2	223.0	195.3	27.72	8.047	
4,200.0	4,181.6	4,184.8	4,134.8	13.4	14.4	-9.90	-39.0	524.3	224.8	196.9	27.89	8.061	
4,275.0	4,256.0	4,259.5	4,207.9	13.7	14.8	-9.88	-40.2	539.8	231.4	202.9	28.52	8.112	
4,300.0	4,280.9	4,284.4	4,232.3	13.8	14.9	-9.88	-40.6	544.9	233.6	204.8	28.74	8.128	
4,370.0	4,350.3	4,354.1	4,300.5	14.1	15.2	-9.86	-41.8	559.4	239.7	210.4	29.33	8.172	
4,400.0	4,380.1	4,384.0	4,329.7	14.2	15.3	-9.86	-42.2	565.6	242.4	212.8	29.59	8.191	
4,465.0	4,444.6	4,448.7	4,393.0	14.5	15.6	-9.84	-43.3	579.0	248.1	217.9	30.14	8.229	
4,500.0	4,479.4	4,483.6	4,427.1	14.6	15.8	-9.84	-43.9	586.2	251.1	220.7	30.44	8.249	
4,560.0	4,538.9	4,543.4	4,485.6	14.9	16.0	-9.83	-44.9	598.6	256.4	225.5	30.96	8.283	
4,600.0	4,578.6	4,583.2	4,524.6	15.0	16.2	-9.82	-45.5	606.9	259.9	228.6	31.30	8.304	
4,655.0	4,633.2	4,638.0	4,578.2	15.2	16.5	-9.81	-46.4	618.2	264.8	233.0	31.77	8.332	
4,700.0	4,677.9	4,682.8	4,622.0	15.4	16.7	-9.80	-47.2	627.5	268.7	236.5	32.16	8.355	
4,750.0	4,727.5	4,732.6	4,670.7	15.6	16.9	-9.79	-48.0	637.8	273.1	240.5	32.59	8.379	
4,800.0	4,777.1	4,782.4	4,719.5	15.8	17.1	-9.79	-48.8	648.2	277.5	244.5	33.02	8.403	
4,845.0	4,821.8	4,827.3	4,763.3	16.0	17.3	-9.78	-49.5	657.5	281.4	248.0	33.41	8.424	
4,900.0	4,876.4	4,882.1	4,816.9	16.2	17.6	-9.77	-50.4	668.8	286.3	252.4	33.89	8.448	
4,940.0	4,916.1	4,921.9	4,855.9	16.4	17.8	-9.77	-51.1	677.1	289.8	255.5	34.23	8.465	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,975.6	4,981.7	4,914.3	16.6	18.0	-9.76	-52.1	689.5	295.0	260.3	34.75	8.490	
5,035.0	5,010.4	5,016.5	4,948.4	16.8	18.2	-9.75	-52.6	696.7	298.1	263.1	35.05	8.505	
5,100.0	5,074.9	5,081.3	5,011.8	17.0	18.5	-9.74	-53.7	710.1	303.8	268.2	35.62	8.530	
5,130.0	5,104.7	5,111.2	5,041.0	17.2	18.6	-9.74	-54.2	716.3	306.5	270.6	35.88	8.542	
5,200.0	5,174.2	5,180.9	5,109.2	17.4	18.9	-9.73	-55.3	730.7	312.6	276.1	36.49	8.568	
5,225.0	5,199.0	5,205.8	5,133.6	17.5	19.1	-9.73	-55.8	735.9	314.8	278.1	36.70	8.577	
5,300.0	5,273.4	5,280.5	5,206.6	17.8	19.4	-9.72	-57.0	751.4	321.4	284.0	37.36	8.603	
5,320.0	5,293.3	5,300.4	5,226.1	17.9	19.5	-9.72	-57.3	755.5	323.1	285.6	37.53	8.610	
5,400.0	5,372.7	5,380.1	5,304.1	18.2	19.9	-9.71	-58.6	772.0	330.2	291.9	38.23	8.637	
5,415.0	5,387.6	5,395.1	5,318.7	18.3	19.9	-9.71	-58.9	775.1	331.5	293.1	38.36	8.642	
5,500.0	5,471.9	5,479.7	5,401.5	18.7	20.3	-9.70	-60.3	792.7	338.9	299.8	39.10	8.669	
5,510.0	5,481.8	5,489.7	5,411.3	18.7	20.4	-9.70	-60.4	794.7	339.8	300.6	39.19	8.672	
5,600.0	5,571.2	5,579.4	5,499.0	19.1	20.8	-9.69	-61.9	813.3	347.7	307.8	39.97	8.699	
5,605.0	5,576.1	5,584.3	5,503.8	19.1	20.8	-9.69	-62.0	814.4	348.2	308.1	40.02	8.701	
5,700.0	5,670.4	5,679.0	5,596.4	19.5	21.2	-9.68	-63.5	834.0	356.5	315.7	40.85	8.728	
5,795.0	5,764.7	5,773.6	5,689.0	19.9	21.7	-9.67	-65.1	853.6	364.8	323.2	41.68	8.754	
5,800.0	5,769.7	5,778.6	5,693.8	19.9	21.7	-9.67	-65.2	854.6	365.3	323.6	41.72	8.755	
5,890.0	5,859.0	5,868.2	5,781.5	20.3	22.1	-9.66	-66.6	873.2	373.2	330.7	42.51	8.778	
5,900.0	5,868.9	5,878.2	5,791.3	20.3	22.2	-9.66	-66.8	875.3	374.1	331.5	42.60	8.781	
5,928.9	5,897.7	5,907.0	5,819.5	20.4	22.3	-9.66	-67.3	881.2	376.6	333.8	42.85	8.790	
5,985.0	5,953.3	5,962.8	5,874.1	20.6	22.6	-9.66	-68.2	892.8	381.8	338.5	43.33	8.812	
6,000.0	5,968.2	5,977.8	5,888.7	20.7	22.6	-9.65	-68.4	895.9	383.3	339.8	43.46	8.820	
6,080.0	6,047.8	6,057.3	5,966.5	21.0	23.0	-9.62	-69.7	912.4	391.8	347.7	44.15	8.875	
6,100.0	6,067.7	6,077.2	5,985.9	21.1	23.1	-9.61	-70.1	916.5	394.1	349.8	44.32	8.893	
6,175.0	6,142.5	6,151.6	6,058.7	21.4	23.4	-9.56	-71.3	931.9	403.4	358.4	44.96	8.973	
6,200.0	6,167.4	6,176.4	6,082.9	21.5	23.5	-9.54	-71.7	937.1	406.7	361.5	45.17	9.004	
6,270.0	6,237.2	6,245.7	6,150.7	21.7	23.9	-9.47	-72.8	951.4	416.5	370.8	45.75	9.104	
6,300.0	6,267.2	6,275.4	6,179.7	21.8	24.0	-9.43	-73.3	957.6	421.0	375.0	46.00	9.151	
6,365.0	6,332.1	6,339.5	6,242.5	22.0	24.3	-9.35	-74.4	970.9	431.2	384.6	46.53	9.267	
6,400.0	6,367.0	6,374.1	6,276.3	22.2	24.5	-9.30	-75.0	978.0	436.9	390.1	46.81	9.334	
6,460.0	6,427.0	6,439.9	6,340.7	22.3	24.8	-9.20	-76.0	991.4	447.1	399.7	47.33	9.445	
6,500.0	6,467.0	6,486.7	6,386.7	22.5	25.0	-9.13	-76.7	1,000.0	453.4	405.7	47.70	9.505	
6,555.0	6,522.0	6,551.4	6,450.5	22.6	25.3	-9.04	-77.5	1,010.7	461.6	413.4	48.15	9.586	
6,600.0	6,567.0	6,604.5	6,503.1	22.7	25.5	-8.98	-78.2	1,018.4	467.7	419.2	48.50	9.644	
6,629.0	6,596.0	6,638.9	6,537.2	22.7	25.7	89.51	-78.5	1,022.9	471.4	422.7	48.66	9.687	
6,650.0	6,617.0	6,663.8	6,562.0	22.7	25.8	89.55	-78.7	1,025.9	473.9	425.2	48.76	9.719	
6,700.0	6,667.0	6,723.4	6,621.2	22.7	26.0	89.61	-79.2	1,032.1	479.2	430.2	48.98	9.782	
6,745.0	6,712.0	6,777.3	6,674.9	22.8	26.3	89.66	-79.6	1,036.8	483.0	433.9	49.16	9.826	
6,800.0	6,767.0	6,843.3	6,740.7	22.8	26.5	89.70	-79.9	1,041.0	486.6	437.3	49.34	9.863	
6,840.0	6,807.0	6,891.4	6,788.8	22.8	26.7	89.72	-80.1	1,043.2	488.4	438.9	49.44	9.878	
6,900.0	6,867.0	6,963.7	6,861.1	22.8	26.8	89.74	-80.3	1,044.9	489.8	440.4	49.46	9.903	
6,935.0	6,902.0	7,004.3	6,901.7	22.8	26.9	89.74	-80.3	1,045.1	490.0	440.5	49.46	9.907	
7,000.0	6,967.0	7,069.3	6,966.7	22.8	26.9	89.74	-80.3	1,045.1	490.0	440.5	49.50	9.899	
7,030.0	6,997.0	7,099.3	6,996.7	22.8	26.9	89.74	-80.3	1,045.1	490.0	440.5	49.51	9.896	
7,100.0	7,067.0	7,169.3	7,066.7	22.9	26.9	89.74	-80.3	1,045.1	490.0	440.4	49.55	9.888	
7,125.0	7,092.0	7,194.3	7,091.7	22.9	26.9	89.74	-80.3	1,045.1	490.0	440.4	49.57	9.885	
7,200.0	7,167.0	7,269.3	7,166.7	22.9	26.9	89.74	-80.3	1,045.1	490.0	440.4	49.61	9.876	
7,220.0	7,187.0	7,289.3	7,186.7	22.9	26.9	89.74	-80.3	1,045.1	490.0	440.4	49.62	9.874	
7,300.0	7,267.0	7,369.3	7,266.7	22.9	27.0	89.74	-80.3	1,045.1	490.0	440.3	49.67	9.865	
7,315.0	7,282.0	7,384.3	7,281.7	22.9	27.0	89.74	-80.3	1,045.1	490.0	440.3	49.68	9.863	
7,400.0	7,367.0	7,469.3	7,366.7	23.0	27.0	89.74	-80.3	1,045.1	490.0	440.3	49.73	9.853	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,410.0	7,377.0	7,479.3	7,376.7	23.0	27.0	89.74	-80.3	1,045.1	490.0	440.2	49.74	9.852	
7,500.0	7,467.0	7,569.3	7,466.7	23.0	27.0	89.74	-80.3	1,045.1	490.0	440.2	49.79	9.841	
7,505.0	7,472.0	7,574.3	7,471.7	23.0	27.0	89.74	-80.3	1,045.1	490.0	440.2	49.79	9.840	
7,600.0	7,567.0	7,669.3	7,566.7	23.0	27.0	89.74	-80.3	1,045.1	490.0	440.1	49.85	9.829	
7,695.0	7,662.0	7,764.3	7,661.7	23.1	27.1	89.74	-80.3	1,045.1	490.0	440.1	49.91	9.818	
7,700.0	7,667.0	7,769.3	7,666.7	23.1	27.1	89.74	-80.3	1,045.1	490.0	440.1	49.91	9.817	
7,790.0	7,757.0	7,859.3	7,756.7	23.1	27.1	89.74	-80.3	1,045.1	490.0	440.0	49.97	9.806	
7,800.0	7,767.0	7,869.3	7,766.7	23.1	27.1	89.74	-80.3	1,045.1	490.0	440.0	49.97	9.805	
7,885.0	7,852.0	7,954.3	7,851.7	23.1	27.1	89.74	-80.3	1,045.1	490.0	440.0	50.02	9.795	
7,900.0	7,867.0	7,969.3	7,866.7	23.1	27.1	89.74	-80.3	1,045.1	490.0	440.0	50.03	9.793	
7,980.0	7,947.0	8,049.3	7,946.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.9	50.08	9.783	
8,000.0	7,967.0	8,069.3	7,966.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.9	50.10	9.781	
8,075.0	8,042.0	8,144.3	8,041.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.8	50.14	9.772	
8,100.0	8,067.0	8,169.3	8,066.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.8	50.16	9.769	
8,170.0	8,137.0	8,239.3	8,136.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.8	50.20	9.760	
8,200.0	8,167.0	8,269.3	8,166.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.8	50.22	9.757	
8,265.0	8,232.0	8,334.3	8,231.7	23.2	27.2	89.74	-80.3	1,045.1	490.0	439.7	50.26	9.749	
8,300.0	8,267.0	8,369.3	8,266.7	23.3	27.2	89.74	-80.3	1,045.1	490.0	439.7	50.28	9.744	
8,360.0	8,327.0	8,429.3	8,326.7	23.3	27.3	89.74	-80.3	1,045.1	490.0	439.7	50.32	9.737	
8,400.0	8,367.0	8,469.3	8,366.7	23.3	27.3	89.74	-80.3	1,045.1	490.0	439.6	50.35	9.732	
8,455.0	8,422.0	8,524.3	8,421.7	23.3	27.3	89.74	-80.3	1,045.1	490.0	439.6	50.38	9.725	
8,500.0	8,467.0	8,569.3	8,466.7	23.3	27.3	89.74	-80.3	1,045.1	490.0	439.6	50.41	9.720	
8,550.0	8,517.0	8,619.3	8,516.7	23.3	27.3	89.74	-80.3	1,045.1	490.0	439.5	50.44	9.713	
8,600.0	8,567.0	8,669.3	8,566.7	23.4	27.3	89.74	-80.3	1,045.1	490.0	439.5	50.48	9.707	
8,645.0	8,612.0	8,714.3	8,611.7	23.4	27.4	89.74	-80.3	1,045.1	490.0	439.5	50.51	9.701	
8,700.0	8,667.0	8,769.3	8,666.7	23.4	27.4	89.74	-80.3	1,045.1	490.0	439.4	50.54	9.695	
8,740.0	8,707.0	8,809.3	8,706.7	23.4	27.4	89.74	-80.3	1,045.1	490.0	439.4	50.57	9.690	
8,800.0	8,767.0	8,869.3	8,766.7	23.4	27.4	89.74	-80.3	1,045.1	490.0	439.4	50.61	9.682	
8,835.0	8,802.0	8,904.3	8,801.7	23.4	27.4	89.74	-80.3	1,045.1	490.0	439.4	50.63	9.678	
8,900.0	8,867.0	8,969.3	8,866.7	23.5	27.4	89.74	-80.3	1,045.1	490.0	439.3	50.67	9.669	
8,930.0	8,897.0	8,999.3	8,896.7	23.5	27.4	89.74	-80.3	1,045.1	490.0	439.3	50.69	9.666	
9,000.0	8,967.0	9,069.3	8,966.7	23.5	27.5	89.74	-80.3	1,045.1	490.0	439.2	50.74	9.657	
9,025.0	8,992.0	9,094.3	8,991.7	23.5	27.5	89.74	-80.3	1,045.1	490.0	439.2	50.76	9.654	
9,100.0	9,067.0	9,169.3	9,066.7	23.5	27.5	89.74	-80.3	1,045.1	490.0	439.2	50.81	9.644	
9,120.0	9,087.0	9,189.3	9,086.7	23.5	27.5	89.74	-80.3	1,045.1	490.0	439.2	50.82	9.641	
9,200.0	9,167.0	9,269.3	9,166.7	23.6	27.5	89.74	-80.3	1,045.1	490.0	439.1	50.87	9.631	
9,215.0	9,182.0	9,284.3	9,181.7	23.6	27.5	89.74	-80.3	1,045.1	490.0	439.1	50.88	9.629	
9,300.0	9,267.0	9,369.3	9,266.7	23.6	27.6	89.74	-80.3	1,045.1	490.0	439.0	50.94	9.618	
9,310.0	9,277.0	9,379.3	9,276.7	23.6	27.6	89.74	-80.3	1,045.1	490.0	439.0	50.95	9.617	
9,400.0	9,367.0	9,469.3	9,366.7	23.6	27.6	89.74	-80.3	1,045.1	490.0	439.0	51.01	9.606	
9,405.0	9,372.0	9,474.3	9,371.7	23.7	27.6	89.74	-80.3	1,045.1	490.0	439.0	51.01	9.605	
9,500.0	9,467.0	9,569.3	9,466.7	23.7	27.6	89.74	-80.3	1,045.1	490.0	438.9	51.08	9.593	
9,595.0	9,562.0	9,664.3	9,561.7	23.7	27.6	89.74	-80.3	1,045.1	490.0	438.8	51.14	9.580	
9,600.0	9,567.0	9,669.3	9,566.7	23.7	27.6	89.74	-80.3	1,045.1	490.0	438.8	51.15	9.580	
9,690.0	9,657.0	9,759.3	9,656.7	23.8	27.7	89.74	-80.3	1,045.1	490.0	438.8	51.21	9.568	
9,700.0	9,667.0	9,769.3	9,666.7	23.8	27.7	89.74	-80.3	1,045.1	490.0	438.8	51.22	9.567	
9,785.0	9,752.0	9,854.3	9,751.7	23.8	27.7	89.74	-80.3	1,045.1	490.0	438.7	51.27	9.557	
9,800.0	9,767.0	9,869.3	9,766.6	23.8	27.7	89.72	-80.1	1,045.1	490.0	438.7	51.28	9.556	
9,880.0	9,847.0	9,948.3	9,845.2	23.8	27.7	88.85	-72.6	1,045.1	490.1	438.8	51.27	9.559	
9,900.0	9,867.0	9,967.6	9,864.2	23.8	27.7	88.45	-69.2	1,045.1	490.1	438.9	51.26	9.562	
9,974.1	9,941.0	10,036.6	9,931.0	23.9	27.7	86.40	-51.6	1,045.1	491.0	439.8	51.18	9.593	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,975.0	9,942.0	10,037.5	9,931.8	23.9	27.7	86.49	-51.4	1,045.1	491.0	439.8	51.18	9.593	
10,000.0	9,967.0	10,059.9	9,952.9	23.9	27.7	85.63	-43.9	1,045.0	491.6	440.4	51.15	9.611	
10,050.0	10,016.8	10,103.9	9,993.5	23.8	27.7	83.94	-26.9	1,045.0	493.0	441.9	51.10	9.649	
10,070.0	10,036.5	10,121.3	10,009.1	23.8	27.7	83.28	-19.4	1,045.0	493.7	442.6	51.08	9.665	
10,100.0	10,066.0	10,147.1	10,031.9	23.8	27.7	82.30	-7.3	1,045.0	494.8	443.8	51.07	9.689	
10,150.0	10,114.2	10,189.4	10,068.1	23.8	27.7	80.73	14.8	1,044.9	497.0	445.9	51.07	9.731	
10,165.0	10,128.5	10,200.0	10,076.8	23.8	27.7	80.34	20.7	1,044.9	497.7	446.6	51.11	9.738	
10,200.0	10,161.2	10,231.1	10,102.0	23.8	27.8	79.24	39.0	1,044.8	499.4	448.3	51.10	9.772	
10,250.0	10,206.4	10,272.1	10,133.5	23.8	27.8	77.82	65.2	1,044.8	502.0	450.8	51.17	9.811	
10,260.0	10,215.3	10,280.3	10,139.6	23.8	27.8	77.55	70.6	1,044.8	502.5	451.3	51.18	9.818	
10,300.0	10,249.7	10,312.6	10,162.7	23.8	27.8	76.49	93.2	1,044.7	504.7	453.4	51.27	9.844	
10,350.0	10,290.6	10,350.0	10,187.9	23.8	27.8	75.32	120.8	1,044.7	507.4	456.0	51.43	9.866	
10,355.0	10,294.5	10,356.5	10,192.1	23.8	27.8	75.14	125.8	1,044.7	507.7	456.3	51.41	9.875	
10,400.0	10,328.8	10,392.1	10,214.0	23.8	27.8	74.13	153.8	1,044.6	510.1	458.6	51.56	9.894	
10,450.0	10,364.1	10,431.2	10,236.1	23.8	27.8	73.10	186.1	1,044.5	512.8	461.0	51.75	9.908	
10,500.0	10,396.2	10,470.0	10,255.7	23.8	27.8	72.18	219.6	1,044.4	515.3	463.3	51.97	9.915	
10,545.0	10,422.1	10,500.0	10,269.3	23.8	27.9	71.51	246.3	1,044.4	517.4	465.1	52.24	9.904	
10,550.0	10,424.8	10,508.5	10,272.9	23.8	27.9	71.37	254.0	1,044.4	517.6	465.4	52.21	9.913	
10,600.0	10,449.7	10,550.0	10,288.8	23.8	27.9	70.63	292.3	1,044.3	519.6	467.2	52.43	9.911	
10,640.0	10,466.9	10,577.2	10,297.7	23.8	27.9	70.20	318.0	1,044.2	521.1	468.4	52.68	9.891	
10,650.0	10,470.7	10,584.8	10,300.0	23.8	27.9	70.09	325.3	1,044.2	521.4	468.7	52.73	9.887	
10,700.0	10,487.8	10,622.7	10,309.9	23.9	27.9	69.63	361.9	1,044.1	522.8	469.8	53.01	9.863	
10,735.0	10,497.2	10,650.0	10,315.5	23.9	28.0	69.37	388.6	1,044.1	523.6	470.5	53.19	9.844	
10,750.0	10,500.6	10,660.4	10,317.3	23.9	28.0	69.28	398.9	1,044.0	523.9	470.7	53.28	9.833	
10,800.0	10,509.2	10,700.0	10,322.4	24.0	28.0	69.05	438.1	1,043.9	524.7	471.1	53.55	9.799	
10,830.0	10,512.3	10,720.7	10,324.0	24.0	28.0	68.98	458.7	1,043.9	524.9	471.2	53.72	9.772	
10,850.0	10,513.5	10,735.8	10,324.7	24.0	28.1	68.95	473.8	1,043.9	525.0	471.2	53.82	9.755	
10,872.1	10,514.0	10,752.7	10,325.0	24.0	28.1	68.94	490.7	1,043.8	525.1	471.1	53.93	9.736	
10,872.6	10,514.0	10,752.7	10,325.0	24.0	28.1	68.94	490.7	1,043.8	525.1	471.1	53.93	9.736	
10,900.0	10,514.1	10,780.2	10,325.1	24.1	28.1	68.94	518.2	1,043.8	525.1	471.1	54.01	9.721	
10,925.0	10,514.2	10,805.2	10,325.2	24.1	28.1	68.94	543.2	1,043.7	525.1	471.0	54.06	9.712	
11,000.0	10,514.4	10,880.2	10,325.4	24.2	28.3	68.94	618.2	1,043.5	525.1	470.8	54.22	9.683	
11,020.0	10,514.5	10,900.2	10,325.5	24.2	28.3	68.94	638.2	1,043.5	525.1	470.8	54.27	9.675	
11,100.0	10,514.8	10,980.2	10,325.8	24.3	28.4	68.94	718.2	1,043.3	525.1	470.6	54.48	9.638	
11,115.0	10,514.9	10,995.2	10,325.8	24.3	28.4	68.94	733.2	1,043.3	525.1	470.6	54.52	9.631	
11,200.0	10,515.1	11,080.2	10,326.1	24.4	28.6	68.93	818.2	1,043.1	525.1	470.3	54.77	9.586	
11,210.0	10,515.2	11,090.2	10,326.2	24.5	28.6	68.93	828.2	1,043.1	525.1	470.3	54.81	9.580	
11,300.0	10,515.5	11,180.2	10,326.5	24.6	28.8	68.93	918.2	1,042.9	525.1	470.0	55.11	9.527	
11,305.0	10,515.5	11,185.2	10,326.5	24.6	28.8	68.93	923.2	1,042.8	525.1	469.9	55.13	9.524	
11,400.0	10,515.9	11,280.2	10,326.8	24.8	29.0	68.93	1,018.2	1,042.6	525.1	469.6	55.49	9.462	
11,495.0	10,516.2	11,375.2	10,327.1	25.0	29.2	68.93	1,113.2	1,042.4	525.1	469.2	55.89	9.395	
11,500.0	10,516.2	11,380.2	10,327.1	25.0	29.3	68.93	1,118.2	1,042.4	525.1	469.2	55.91	9.392	
11,590.0	10,516.5	11,470.2	10,327.5	25.2	29.5	68.93	1,208.2	1,042.2	525.1	468.8	56.32	9.323	
11,600.0	10,516.6	11,480.2	10,327.5	25.3	29.5	68.93	1,218.2	1,042.2	525.1	468.7	56.37	9.316	
11,685.0	10,516.9	11,565.2	10,327.8	25.5	29.7	68.93	1,303.2	1,042.0	525.1	468.3	56.79	9.247	
11,700.0	10,516.9	11,580.2	10,327.8	25.5	29.8	68.93	1,318.2	1,041.9	525.1	468.2	56.86	9.235	
11,780.0	10,517.2	11,660.2	10,328.1	25.8	30.0	68.93	1,398.2	1,041.8	525.1	467.8	57.28	9.166	
11,800.0	10,517.3	11,680.2	10,328.2	25.8	30.1	68.93	1,418.2	1,041.7	525.1	467.7	57.39	9.149	
11,875.0	10,517.5	11,755.2	10,328.4	26.0	30.3	68.93	1,493.2	1,041.6	525.1	467.3	57.82	9.082	
11,900.0	10,517.6	11,780.2	10,328.5	26.1	30.4	68.93	1,518.2	1,041.5	525.1	467.1	57.96	9.060	
11,970.0	10,517.8	11,850.2	10,328.8	26.3	30.6	68.93	1,588.2	1,041.3	525.1	466.7	58.38	8.995	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,000.0	10,518.0	11,880.2	10,328.9	26.4	30.7	68.93	1,618.2	1,041.3	525.1	466.5	58.56	8.967	
12,065.0	10,518.2	11,945.2	10,329.1	26.6	30.9	68.93	1,683.2	1,041.1	525.1	466.1	58.97	8.904	
12,100.0	10,518.3	11,980.2	10,329.2	26.8	31.0	68.93	1,718.2	1,041.0	525.1	465.9	59.20	8.870	
12,160.0	10,518.5	12,040.2	10,329.4	27.0	31.2	68.93	1,778.2	1,040.9	525.1	465.5	59.60	8.811	
12,200.0	10,518.7	12,080.2	10,329.5	27.1	31.4	68.93	1,818.2	1,040.8	525.1	465.2	59.87	8.771	
12,255.0	10,518.8	12,135.2	10,329.7	27.3	31.6	68.93	1,873.2	1,040.7	525.1	464.9	60.25	8.716	
12,300.0	10,519.0	12,180.2	10,329.9	27.5	31.7	68.92	1,918.2	1,040.6	525.1	464.5	60.57	8.670	
12,350.0	10,519.2	12,230.2	10,330.1	27.7	31.9	68.92	1,968.2	1,040.5	525.1	464.2	60.93	8.618	
12,400.0	10,519.4	12,280.2	10,330.2	27.8	32.1	68.92	2,018.2	1,040.4	525.1	463.8	61.30	8.567	
12,445.0	10,519.5	12,325.2	10,330.4	28.0	32.3	68.92	2,063.2	1,040.3	525.1	463.5	61.64	8.520	
12,500.0	10,519.7	12,380.2	10,330.6	28.2	32.5	68.92	2,118.2	1,040.1	525.1	463.1	62.06	8.462	
12,540.0	10,519.8	12,420.2	10,330.7	28.4	32.7	68.92	2,158.2	1,040.0	525.1	462.7	62.37	8.419	
12,600.0	10,520.1	12,480.2	10,330.9	28.7	32.9	68.92	2,218.2	1,039.9	525.1	462.3	62.84	8.356	
12,635.0	10,520.2	12,515.2	10,331.0	28.8	33.1	68.92	2,253.2	1,039.8	525.1	462.0	63.13	8.318	
12,700.0	10,520.4	12,580.2	10,331.3	29.1	33.3	68.92	2,318.2	1,039.7	525.1	461.5	63.66	8.249	
12,730.0	10,520.5	12,610.2	10,331.4	29.2	33.5	68.92	2,348.2	1,039.6	525.1	461.2	63.91	8.216	
12,800.0	10,520.8	12,680.2	10,331.6	29.5	33.8	68.92	2,418.2	1,039.5	525.1	460.6	64.50	8.141	
12,825.0	10,520.8	12,705.2	10,331.7	29.6	33.9	68.92	2,443.2	1,039.4	525.1	460.4	64.72	8.114	
12,900.0	10,521.1	12,780.2	10,331.9	30.0	34.2	68.92	2,518.2	1,039.2	525.1	459.8	65.37	8.033	
12,920.0	10,521.2	12,800.2	10,332.0	30.1	34.3	68.92	2,538.2	1,039.2	525.1	459.6	65.55	8.012	
13,000.0	10,521.5	12,880.2	10,332.3	30.4	34.7	68.92	2,618.2	1,039.0	525.1	458.9	66.26	7.925	
13,015.0	10,521.5	12,895.2	10,332.3	30.5	34.7	68.92	2,633.2	1,039.0	525.1	458.7	66.40	7.909	
13,100.0	10,521.8	12,980.2	10,332.6	30.9	35.1	68.92	2,718.2	1,038.8	525.1	458.0	67.18	7.817	
13,110.0	10,521.8	12,990.2	10,332.7	31.0	35.2	68.92	2,728.2	1,038.8	525.1	457.9	67.27	7.807	
13,200.0	10,522.2	13,080.2	10,333.0	31.4	35.6	68.92	2,818.2	1,038.5	525.1	457.0	68.11	7.710	
13,205.0	10,522.2	13,085.2	10,333.0	31.4	35.6	68.92	2,823.2	1,038.5	525.1	457.0	68.16	7.704	
13,300.0	10,522.5	13,180.2	10,333.3	31.9	36.1	68.92	2,918.2	1,038.3	525.1	456.1	69.07	7.603	
13,395.0	10,522.8	13,275.2	10,333.6	32.4	36.5	68.92	3,013.2	1,038.1	525.1	455.1	70.00	7.502	
13,400.0	10,522.9	13,280.2	10,333.6	32.4	36.6	68.92	3,018.2	1,038.1	525.1	455.1	70.05	7.497	
13,490.0	10,523.2	13,370.2	10,334.0	32.9	37.0	68.91	3,108.2	1,037.9	525.1	454.2	70.95	7.402	
13,500.0	10,523.2	13,380.2	10,334.0	32.9	37.1	68.91	3,118.2	1,037.9	525.1	454.1	71.05	7.391	
13,585.0	10,523.5	13,465.2	10,334.3	33.4	37.5	68.91	3,203.2	1,037.7	525.1	453.2	71.91	7.303	
13,600.0	10,523.6	13,480.2	10,334.3	33.4	37.6	68.91	3,218.2	1,037.6	525.1	453.1	72.07	7.287	
13,680.0	10,523.8	13,560.2	10,334.6	33.9	38.0	68.91	3,298.2	1,037.5	525.2	452.3	72.89	7.204	
13,700.0	10,523.9	13,580.2	10,334.7	34.0	38.1	68.91	3,318.2	1,037.4	525.2	452.1	73.10	7.184	
13,775.0	10,524.2	13,655.2	10,334.9	34.4	38.5	68.91	3,393.2	1,037.2	525.2	451.3	73.89	7.107	
13,800.0	10,524.3	13,680.2	10,335.0	34.5	38.6	68.91	3,418.1	1,037.2	525.2	451.0	74.15	7.082	
13,870.0	10,524.5	13,750.2	10,335.3	34.9	39.0	68.91	3,488.1	1,037.0	525.2	450.3	74.90	7.011	
13,900.0	10,524.6	13,780.2	10,335.4	35.1	39.1	68.91	3,518.1	1,037.0	525.2	449.9	75.22	6.981	
13,965.0	10,524.8	13,845.2	10,335.6	35.4	39.5	68.91	3,583.1	1,036.8	525.2	449.2	75.93	6.916	
14,000.0	10,525.0	13,880.2	10,335.7	35.6	39.7	68.91	3,618.1	1,036.7	525.2	448.9	76.31	6.882	
14,060.0	10,525.2	13,940.2	10,335.9	36.0	40.0	68.91	3,678.1	1,036.6	525.2	448.2	76.97	6.823	
14,100.0	10,525.3	13,980.2	10,336.0	36.2	40.2	68.91	3,718.1	1,036.5	525.2	447.8	77.41	6.784	
14,155.0	10,525.5	14,035.2	10,336.2	36.5	40.5	68.91	3,773.1	1,036.4	525.2	447.1	78.02	6.731	
14,200.0	10,525.7	14,080.2	10,336.4	36.8	40.8	68.91	3,818.1	1,036.3	525.2	446.6	78.52	6.688	
14,250.0	10,525.8	14,130.2	10,336.6	37.1	41.1	68.91	3,868.1	1,036.2	525.2	446.1	79.09	6.640	
14,300.0	10,526.0	14,180.2	10,336.7	37.4	41.3	68.91	3,918.1	1,036.1	525.2	445.5	79.65	6.593	
14,345.0	10,526.2	14,225.2	10,336.9	37.6	41.6	68.91	3,963.1	1,036.0	525.2	445.0	80.17	6.551	
14,400.0	10,526.4	14,280.2	10,337.1	38.0	41.9	68.91	4,018.1	1,035.8	525.2	444.4	80.80	6.500	
14,440.0	10,526.5	14,320.2	10,337.2	38.2	42.1	68.91	4,058.1	1,035.7	525.2	443.9	81.26	6.463	
14,500.0	10,526.7	14,380.2	10,337.4	38.5	42.5	68.91	4,118.1	1,035.6	525.2	443.2	81.95	6.408	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,535.0	10,526.8	14,415.2	10,337.5	38.8	42.7	68.91	4,153.1	1,035.5	525.2	442.8	82.36	6.377	
14,600.0	10,527.1	14,480.2	10,337.8	39.1	43.1	68.91	4,218.1	1,035.4	525.2	442.1	83.12	6.318	
14,630.0	10,527.2	14,510.2	10,337.9	39.3	43.2	68.90	4,248.1	1,035.3	525.2	441.7	83.47	6.292	
14,700.0	10,527.4	14,580.2	10,338.1	39.8	43.6	68.90	4,318.1	1,035.1	525.2	440.9	84.30	6.230	
14,725.0	10,527.5	14,605.2	10,338.2	39.9	43.8	68.90	4,343.1	1,035.1	525.2	440.6	84.59	6.208	
14,800.0	10,527.8	14,680.2	10,338.4	40.4	44.2	68.90	4,418.1	1,034.9	525.2	439.7	85.49	6.143	
14,820.0	10,527.8	14,700.2	10,338.5	40.5	44.3	68.90	4,438.1	1,034.9	525.2	439.5	85.73	6.126	
14,900.0	10,528.1	14,780.2	10,338.8	41.0	44.8	68.90	4,518.1	1,034.7	525.2	438.5	86.69	6.058	
14,915.0	10,528.2	14,795.2	10,338.8	41.1	44.9	68.90	4,533.1	1,034.7	525.2	438.3	86.87	6.046	
15,000.0	10,528.5	14,880.2	10,339.1	41.6	45.4	68.90	4,618.1	1,034.5	525.2	437.3	87.90	5.975	
15,010.0	10,528.5	14,890.2	10,339.2	41.7	45.5	68.90	4,628.1	1,034.4	525.2	437.2	88.02	5.967	
15,100.0	10,528.8	14,980.2	10,339.5	42.2	46.0	68.90	4,718.1	1,034.2	525.2	436.1	89.12	5.893	
15,105.0	10,528.8	14,985.2	10,339.5	42.3	46.1	68.90	4,723.1	1,034.2	525.2	436.0	89.18	5.889	
15,200.0	10,529.2	15,080.2	10,339.8	42.9	46.6	68.90	4,818.1	1,034.0	525.2	434.8	90.35	5.813	
15,295.0	10,529.5	15,175.2	10,340.1	43.5	47.2	68.90	4,913.1	1,033.8	525.2	433.7	91.53	5.738	
15,300.0	10,529.5	15,180.2	10,340.1	43.5	47.3	68.90	4,918.1	1,033.8	525.2	433.6	91.59	5.734	
15,390.0	10,529.8	15,270.2	10,340.5	44.1	47.8	68.90	5,008.1	1,033.6	525.2	432.5	92.72	5.665	
15,400.0	10,529.9	15,280.2	10,340.5	44.1	47.9	68.90	5,018.1	1,033.6	525.2	432.4	92.84	5.657	
15,485.0	10,530.2	15,365.2	10,340.8	44.7	48.4	68.90	5,103.1	1,033.4	525.2	431.3	93.91	5.593	
15,500.0	10,530.2	15,380.2	10,340.8	44.8	48.5	68.90	5,118.1	1,033.3	525.2	431.1	94.10	5.581	
15,580.0	10,530.5	15,460.2	10,341.1	45.3	49.0	68.90	5,198.1	1,033.2	525.2	430.1	95.11	5.522	
15,600.0	10,530.6	15,480.2	10,341.2	45.4	49.1	68.90	5,218.1	1,033.1	525.2	429.8	95.36	5.507	
15,675.0	10,530.8	15,555.2	10,341.4	45.9	49.6	68.90	5,293.1	1,032.9	525.2	428.9	96.32	5.453	
15,700.0	10,530.9	15,580.2	10,341.5	46.1	49.7	68.90	5,318.1	1,032.9	525.2	428.6	96.64	5.435	
15,770.0	10,531.2	15,650.2	10,341.8	46.5	50.2	68.90	5,388.1	1,032.7	525.2	427.7	97.53	5.385	
15,800.0	10,531.3	15,680.2	10,341.9	46.7	50.4	68.89	5,418.1	1,032.7	525.2	427.3	97.92	5.364	
15,865.0	10,531.5	15,745.2	10,342.1	47.1	50.8	68.89	5,483.1	1,032.5	525.2	426.5	98.75	5.318	
15,900.0	10,531.6	15,780.2	10,342.2	47.4	51.0	68.89	5,518.1	1,032.4	525.2	426.0	99.21	5.294	
15,960.0	10,531.8	15,840.2	10,342.4	47.8	51.4	68.89	5,578.1	1,032.3	525.2	425.2	99.98	5.253	
16,000.0	10,532.0	15,880.2	10,342.5	48.0	51.7	68.89	5,618.1	1,032.2	525.2	424.7	100.50	5.226	
16,055.0	10,532.2	15,935.2	10,342.7	48.4	52.0	68.89	5,673.1	1,032.1	525.2	424.0	101.22	5.189	
16,100.0	10,532.3	15,980.2	10,342.9	48.7	52.3	68.89	5,718.1	1,032.0	525.2	423.4	101.80	5.159	
16,150.0	10,532.5	16,030.2	10,343.1	49.0	52.6	68.89	5,768.1	1,031.9	525.2	422.8	102.46	5.126	
16,200.0	10,532.7	16,080.2	10,343.2	49.4	52.9	68.89	5,818.1	1,031.7	525.2	422.1	103.11	5.094	
16,245.0	10,532.8	16,125.2	10,343.4	49.7	53.2	68.89	5,863.1	1,031.6	525.2	421.5	103.70	5.065	
16,300.0	10,533.0	16,180.2	10,343.6	50.0	53.6	68.89	5,918.1	1,031.5	525.2	420.8	104.42	5.030	
16,340.0	10,533.2	16,220.2	10,343.7	50.3	53.9	68.89	5,958.1	1,031.4	525.2	420.3	104.95	5.005	
16,400.0	10,533.4	16,280.2	10,343.9	50.7	54.2	68.89	6,018.1	1,031.3	525.2	419.5	105.74	4.967	
16,435.0	10,533.5	16,315.2	10,344.0	50.9	54.5	68.89	6,053.1	1,031.2	525.2	419.0	106.21	4.945	
16,500.0	10,533.7	16,380.2	10,344.3	51.4	54.9	68.89	6,118.1	1,031.1	525.2	418.2	107.07	4.906	
16,530.0	10,533.8	16,410.2	10,344.4	51.6	55.1	68.89	6,148.1	1,031.0	525.2	417.8	107.47	4.887	
16,600.0	10,534.1	16,480.2	10,344.6	52.1	55.6	68.89	6,218.1	1,030.8	525.2	416.8	108.40	4.845	
16,625.0	10,534.2	16,505.2	10,344.7	52.2	55.7	68.89	6,243.1	1,030.8	525.2	416.5	108.73	4.831	
16,700.0	10,534.4	16,580.2	10,344.9	52.7	56.2	68.89	6,318.1	1,030.6	525.2	415.5	109.74	4.786	
16,720.0	10,534.5	16,600.2	10,345.0	52.9	56.4	68.89	6,338.1	1,030.6	525.2	415.2	110.00	4.775	
16,800.0	10,534.8	16,680.2	10,345.3	53.4	56.9	68.89	6,418.1	1,030.4	525.2	414.2	111.08	4.729	
16,815.0	10,534.8	16,695.2	10,345.3	53.5	57.0	68.89	6,433.1	1,030.4	525.2	414.0	111.28	4.720	
16,900.0	10,535.1	16,780.2	10,345.6	54.1	57.6	68.89	6,518.1	1,030.2	525.3	412.8	112.42	4.672	
16,910.0	10,535.2	16,790.2	10,345.7	54.2	57.6	68.89	6,528.1	1,030.1	525.3	412.7	112.56	4.667	
17,000.0	10,535.5	16,880.2	10,346.0	54.8	58.2	68.88	6,618.1	1,029.9	525.3	411.5	113.77	4.617	
17,005.0	10,535.5	16,885.2	10,346.0	54.8	58.3	68.88	6,623.1	1,029.9	525.3	411.4	113.84	4.614	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,100.0	10,535.8	16,980.2	10,346.3	55.5	58.9	68.88	6,718.1	1,029.7	525.3	410.1	115.13	4.562	
17,195.0	10,536.2	17,075.2	10,346.6	56.1	59.5	68.88	6,813.1	1,029.5	525.3	408.8	116.42	4.512	
17,200.0	10,536.2	17,080.2	10,346.6	56.2	59.6	68.88	6,818.1	1,029.5	525.3	408.8	116.49	4.509	
17,290.0	10,536.5	17,170.2	10,347.0	56.8	60.2	68.88	6,908.1	1,029.3	525.3	407.5	117.72	4.462	
17,300.0	10,536.5	17,180.2	10,347.0	56.8	60.2	68.88	6,918.1	1,029.3	525.3	407.4	117.85	4.457	
17,385.0	10,536.8	17,265.2	10,347.3	57.4	60.8	68.88	7,003.1	1,029.1	525.3	406.2	119.02	4.413	
17,400.0	10,536.9	17,280.2	10,347.3	57.5	60.9	68.88	7,018.1	1,029.0	525.3	406.0	119.22	4.406	
17,480.0	10,537.2	17,360.2	10,347.6	58.1	61.5	68.88	7,098.1	1,028.8	525.3	404.9	120.32	4.366	
17,500.0	10,537.2	17,380.2	10,347.7	58.2	61.6	68.88	7,118.1	1,028.8	525.3	404.7	120.59	4.356	
17,575.0	10,537.5	17,455.2	10,347.9	58.8	62.1	68.88	7,193.1	1,028.6	525.3	403.6	121.63	4.319	
17,600.0	10,537.6	17,480.2	10,348.0	58.9	62.3	68.88	7,218.1	1,028.6	525.3	403.3	121.97	4.307	
17,670.0	10,537.8	17,550.2	10,348.3	59.4	62.8	68.88	7,288.1	1,028.4	525.3	402.3	122.94	4.273	
17,700.0	10,537.9	17,580.2	10,348.4	59.6	63.0	68.88	7,318.1	1,028.3	525.3	401.9	123.35	4.258	
17,765.0	10,538.2	17,645.2	10,348.6	60.1	63.4	68.88	7,383.1	1,028.2	525.3	401.0	124.25	4.228	
17,800.0	10,538.3	17,680.2	10,348.7	60.3	63.6	68.88	7,418.1	1,028.1	525.3	400.5	124.73	4.211	
17,860.0	10,538.5	17,740.2	10,348.9	60.7	64.1	68.88	7,478.1	1,028.0	525.3	399.7	125.57	4.183	
17,900.0	10,538.6	17,780.2	10,349.0	61.0	64.3	68.88	7,518.1	1,027.9	525.3	399.2	126.12	4.165	
17,955.0	10,538.8	17,835.2	10,349.2	61.4	64.7	68.88	7,573.1	1,027.8	525.3	398.4	126.89	4.140	
18,000.0	10,539.0	17,880.2	10,349.4	61.7	65.0	68.88	7,618.1	1,027.7	525.3	397.8	127.51	4.120	
18,050.0	10,539.2	17,930.2	10,349.6	62.1	65.4	68.88	7,668.1	1,027.6	525.3	397.1	128.21	4.097	
18,100.0	10,539.3	17,980.2	10,349.7	62.4	65.7	68.87	7,718.1	1,027.4	525.3	396.4	128.90	4.075	
18,145.0	10,539.5	18,025.2	10,349.9	62.8	66.0	68.87	7,763.1	1,027.3	525.3	395.8	129.53	4.055	
18,200.0	10,539.7	18,080.2	10,350.1	63.1	66.4	68.87	7,818.1	1,027.2	525.3	395.0	130.30	4.031	
18,240.0	10,539.8	18,120.2	10,350.2	63.4	66.7	68.87	7,858.1	1,027.1	525.3	394.4	130.86	4.014	
18,300.0	10,540.0	18,180.2	10,350.4	63.8	67.1	68.87	7,918.1	1,027.0	525.3	393.6	131.70	3.989	
18,335.0	10,540.2	18,215.2	10,350.5	64.1	67.3	68.87	7,953.1	1,026.9	525.3	393.1	132.19	3.974	
18,400.0	10,540.4	18,280.2	10,350.8	64.6	67.8	68.87	8,018.1	1,026.8	525.3	392.2	133.10	3.947	
18,430.0	10,540.5	18,310.2	10,350.9	64.8	68.0	68.87	8,048.1	1,026.7	525.3	391.8	133.53	3.934	
18,500.0	10,540.7	18,380.2	10,351.1	65.3	68.5	68.87	8,118.1	1,026.5	525.3	390.8	134.51	3.905	
18,525.0	10,540.8	18,405.2	10,351.2	65.4	68.7	68.87	8,143.1	1,026.5	525.3	390.4	134.86	3.895	
18,600.0	10,541.1	18,480.2	10,351.4	66.0	69.2	68.87	8,218.1	1,026.3	525.3	389.4	135.92	3.865	
18,620.0	10,541.2	18,500.2	10,351.5	66.1	69.3	68.87	8,238.1	1,026.3	525.3	389.1	136.20	3.857	
18,700.0	10,541.4	18,580.2	10,351.8	66.7	69.9	68.87	8,318.1	1,026.1	525.3	388.0	137.33	3.825	
18,715.0	10,541.5	18,595.2	10,351.8	66.8	70.0	68.87	8,333.1	1,026.0	525.3	387.8	137.54	3.819	
18,800.0	10,541.8	18,680.2	10,352.1	67.4	70.6	68.87	8,418.1	1,025.9	525.3	386.6	138.74	3.786	
18,810.0	10,541.8	18,690.2	10,352.2	67.5	70.6	68.87	8,428.1	1,025.8	525.3	386.4	138.88	3.782	
18,900.0	10,542.1	18,780.2	10,352.5	68.1	71.3	68.87	8,518.1	1,025.6	525.3	385.2	140.16	3.748	
18,905.0	10,542.2	18,785.2	10,352.5	68.2	71.3	68.87	8,523.1	1,025.6	525.3	385.1	140.23	3.746	
19,000.0	10,542.5	18,880.2	10,352.8	68.8	72.0	68.87	8,618.1	1,025.4	525.3	383.7	141.58	3.710	
19,095.0	10,542.8	18,975.2	10,353.1	69.5	72.7	68.87	8,713.1	1,025.2	525.3	382.4	142.93	3.675	
19,100.0	10,542.8	18,980.2	10,353.1	69.5	72.7	68.87	8,718.1	1,025.2	525.3	382.3	143.00	3.674	
19,190.0	10,543.2	19,070.2	10,353.5	70.2	73.3	68.87	8,808.1	1,025.0	525.3	381.0	144.28	3.641	
19,200.0	10,543.2	19,080.2	10,353.5	70.3	73.4	68.87	8,818.1	1,024.9	525.3	380.9	144.42	3.637	
19,285.0	10,543.5	19,165.2	10,353.8	70.9	74.0	68.86	8,903.1	1,024.8	525.3	379.7	145.63	3.607	
19,300.0	10,543.5	19,180.2	10,353.8	71.0	74.1	68.86	8,918.1	1,024.7	525.3	379.5	145.85	3.602	
19,380.0	10,543.8	19,260.2	10,354.1	71.6	74.7	68.86	8,998.1	1,024.5	525.3	378.3	146.99	3.574	
19,400.0	10,543.9	19,280.2	10,354.2	71.7	74.8	68.86	9,018.1	1,024.5	525.3	378.1	147.27	3.567	
19,475.0	10,544.2	19,355.2	10,354.4	72.2	75.3	68.86	9,093.1	1,024.3	525.3	377.0	148.35	3.541	
19,500.0	10,544.2	19,380.2	10,354.5	72.4	75.5	68.86	9,118.1	1,024.3	525.3	376.6	148.70	3.533	
19,570.0	10,544.5	19,450.2	10,354.8	72.9	76.0	68.86	9,188.1	1,024.1	525.3	375.6	149.71	3.509	
19,600.0	10,544.6	19,480.2	10,354.9	73.1	76.2	68.86	9,218.1	1,024.0	525.3	375.2	150.14	3.499	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,665.0	10,544.8	19,545.2	10,355.1	73.6	76.7	68.86	9,283.1	1,023.9	525.3	374.3	151.07	3.477	
19,700.0	10,545.0	19,580.2	10,355.2	73.9	76.9	68.86	9,318.1	1,023.8	525.3	373.8	151.57	3.466	
19,760.0	10,545.2	19,640.2	10,355.4	74.3	77.4	68.86	9,378.1	1,023.7	525.3	372.9	152.43	3.446	
19,800.0	10,545.3	19,680.2	10,355.5	74.6	77.6	68.86	9,418.1	1,023.6	525.3	372.3	153.01	3.433	
19,855.0	10,545.5	19,735.2	10,355.7	75.0	78.0	68.86	9,473.1	1,023.5	525.3	371.5	153.80	3.416	
19,900.0	10,545.7	19,780.2	10,355.9	75.3	78.4	68.86	9,518.1	1,023.4	525.3	370.9	154.44	3.402	
19,950.0	10,545.8	19,830.2	10,356.1	75.7	78.7	68.86	9,568.1	1,023.2	525.3	370.2	155.16	3.386	
20,000.0	10,546.0	19,880.2	10,356.2	76.0	79.1	68.86	9,618.1	1,023.1	525.3	369.5	155.88	3.370	
20,045.0	10,546.2	19,925.2	10,356.4	76.4	79.4	68.86	9,663.1	1,023.0	525.3	368.8	156.53	3.356	
20,100.0	10,546.4	19,980.2	10,356.6	76.8	79.8	68.86	9,718.1	1,022.9	525.4	368.0	157.32	3.339	
20,140.0	10,546.5	20,020.2	10,356.7	77.0	80.1	68.86	9,758.1	1,022.8	525.4	367.5	157.90	3.327	
20,200.0	10,546.7	20,080.2	10,356.9	77.5	80.5	68.86	9,818.1	1,022.7	525.4	366.6	158.77	3.309	
20,235.0	10,546.8	20,115.2	10,357.0	77.7	80.8	68.86	9,853.1	1,022.6	525.4	366.1	159.27	3.298	
20,300.0	10,547.1	20,180.2	10,357.3	78.2	81.2	68.86	9,918.1	1,022.4	525.4	365.1	160.21	3.279	
20,330.0	10,547.2	20,210.2	10,357.4	78.4	81.4	68.86	9,948.1	1,022.4	525.4	364.7	160.65	3.270	
20,400.0	10,547.4	20,280.2	10,357.6	78.9	81.9	68.86	10,018.1	1,022.2	525.4	363.7	161.66	3.250	
20,425.0	10,547.5	20,305.2	10,357.7	79.1	82.1	68.85	10,043.1	1,022.2	525.4	363.3	162.02	3.243	
20,500.0	10,547.8	20,380.2	10,357.9	79.7	82.7	68.85	10,118.1	1,022.0	525.4	362.3	163.11	3.221	
20,520.0	10,547.8	20,400.2	10,358.0	79.8	82.8	68.85	10,138.1	1,022.0	525.4	362.0	163.40	3.215	
20,600.0	10,548.1	20,480.2	10,358.3	80.4	83.4	68.85	10,218.1	1,021.8	525.4	360.8	164.56	3.193	
20,615.0	10,548.2	20,495.2	10,358.3	80.5	83.5	68.85	10,233.1	1,021.7	525.4	360.6	164.77	3.188	
20,700.0	10,548.5	20,580.2	10,358.6	81.1	84.1	68.85	10,318.1	1,021.5	525.4	359.4	166.01	3.165	
20,710.0	10,548.5	20,590.2	10,358.7	81.2	84.2	68.85	10,328.1	1,021.5	525.4	359.2	166.15	3.162	
20,800.0	10,548.8	20,680.2	10,359.0	81.8	84.8	68.85	10,418.1	1,021.3	525.4	357.9	167.46	3.137	
20,805.0	10,548.8	20,685.2	10,359.0	81.9	84.8	68.85	10,423.1	1,021.3	525.4	357.8	167.53	3.136	
20,900.0	10,549.2	20,780.2	10,359.3	82.6	85.5	68.85	10,518.1	1,021.1	525.4	356.5	168.91	3.110	
20,995.0	10,549.5	20,875.2	10,359.6	83.3	86.2	68.85	10,613.1	1,020.9	525.4	355.1	170.30	3.085	
21,000.0	10,549.5	20,880.2	10,359.6	83.3	86.3	68.85	10,618.1	1,020.9	525.4	355.0	170.37	3.084	
21,090.0	10,549.8	20,970.2	10,360.0	84.0	86.9	68.85	10,708.1	1,020.7	525.4	353.7	171.68	3.060	
21,100.0	10,549.9	20,980.2	10,360.0	84.0	87.0	68.85	10,718.1	1,020.6	525.4	353.6	171.83	3.058	
21,185.0	10,550.2	21,065.2	10,360.3	84.7	87.6	68.85	10,803.1	1,020.4	525.4	352.3	173.06	3.036	
21,200.0	10,550.2	21,080.2	10,360.3	84.8	87.7	68.85	10,818.1	1,020.4	525.4	352.1	173.28	3.032	
21,280.0	10,550.5	21,160.2	10,360.6	85.4	88.3	68.85	10,898.1	1,020.2	525.4	350.9	174.45	3.012	
21,300.0	10,550.6	21,180.2	10,360.7	85.5	88.4	68.85	10,918.1	1,020.2	525.4	350.6	174.74	3.007	
21,375.0	10,550.8	21,255.2	10,360.9	86.1	89.0	68.85	10,993.1	1,020.0	525.4	349.6	175.84	2.988	
21,400.0	10,550.9	21,280.2	10,361.0	86.2	89.1	68.85	11,018.1	1,020.0	525.4	349.2	176.20	2.982	
21,470.0	10,551.2	21,350.2	10,361.3	86.8	89.7	68.85	11,088.1	1,019.8	525.4	348.2	177.23	2.965	
21,500.0	10,551.3	21,380.2	10,361.4	87.0	89.9	68.85	11,118.1	1,019.7	525.4	347.7	177.66	2.957	
21,565.0	10,551.5	21,445.2	10,361.6	87.4	90.3	68.85	11,183.1	1,019.6	525.4	346.8	178.62	2.941	
21,600.0	10,551.6	21,480.2	10,361.7	87.7	90.6	68.84	11,218.1	1,019.5	525.4	346.3	179.13	2.933	
21,660.0	10,551.8	21,540.2	10,361.9	88.1	91.0	68.84	11,278.1	1,019.4	525.4	345.4	180.01	2.919	
21,700.0	10,552.0	21,580.2	10,362.0	88.4	91.3	68.84	11,318.1	1,019.3	525.4	344.8	180.59	2.909	
21,755.0	10,552.2	21,635.2	10,362.2	88.8	91.7	68.84	11,373.1	1,019.2	525.4	344.0	181.40	2.896	
21,800.0	10,552.3	21,680.2	10,362.4	89.2	92.0	68.84	11,418.1	1,019.0	525.4	343.3	182.06	2.886	
21,850.0	10,552.5	21,730.2	10,362.6	89.5	92.4	68.84	11,468.1	1,018.9	525.4	342.6	182.79	2.874	
21,900.0	10,552.7	21,780.2	10,362.7	89.9	92.8	68.84	11,518.1	1,018.8	525.4	341.9	183.52	2.863	
21,945.0	10,552.8	21,825.2	10,362.9	90.2	93.1	68.84	11,563.1	1,018.7	525.4	341.2	184.18	2.853	
22,000.0	10,553.0	21,880.2	10,363.1	90.6	93.5	68.84	11,618.1	1,018.6	525.4	340.4	184.99	2.840	
22,040.0	10,553.2	21,920.2	10,363.2	90.9	93.8	68.84	11,658.1	1,018.5	525.4	339.8	185.58	2.831	
22,100.0	10,553.4	21,980.2	10,363.4	91.4	94.2	68.84	11,718.1	1,018.4	525.4	339.0	186.46	2.818	
22,135.0	10,553.5	22,015.2	10,363.5	91.6	94.5	68.84	11,753.1	1,018.3	525.4	338.4	186.97	2.810	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #907H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9855-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
22,200.0	10,553.7	22,080.2	10,363.8	92.1	95.0	68.84	11,818.1	1,018.1	525.4	337.5	187.93	2.796	
22,230.0	10,553.8	22,110.2	10,363.9	92.3	95.2	68.84	11,848.1	1,018.1	525.4	337.0	188.37	2.789	
22,300.0	10,554.1	22,180.2	10,364.1	92.9	95.7	68.84	11,918.1	1,017.9	525.4	336.0	189.40	2.774	
22,325.0	10,554.2	22,205.2	10,364.2	93.0	95.9	68.84	11,943.1	1,017.9	525.4	335.7	189.77	2.769	
22,400.0	10,554.4	22,280.2	10,364.4	93.6	96.4	68.84	12,018.1	1,017.7	525.4	334.6	190.87	2.753	
22,420.0	10,554.5	22,300.2	10,364.5	93.7	96.6	68.84	12,038.1	1,017.6	525.4	334.3	191.17	2.749	
22,436.1	10,554.5	22,316.2	10,364.6	93.9	96.7	68.84	12,054.1	1,017.6	525.4	334.0	191.40	2.745	
22,500.0	10,554.8	22,380.2	10,364.8	94.3	97.2	68.84	12,118.1	1,017.5	525.4	333.1	192.34	2.732	
22,515.0	10,554.8	22,395.2	10,364.8	94.4	97.3	68.84	12,133.1	1,017.4	525.4	332.9	192.56	2.729	
22,519.9	10,554.8	22,400.1	10,364.8	94.5	97.3	68.84	12,138.0	1,017.4	525.4	332.8	192.63	2.728	
22,566.0	10,555.0	22,444.7	10,365.0	94.8	97.6	68.84	12,182.6	1,017.3	525.4	332.1	193.32	2.718	
22,566.5	10,555.0	22,444.7	10,365.0	94.8	97.6	68.84	12,182.6	1,017.3	525.4	332.1	193.33	2.718	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.1	0.1	3.0	3.0	-90.21	-0.1	-30.2	30.2				
95.0	95.0	95.1	95.1	3.0	3.0	-90.21	-0.1	-30.2	30.2	24.1	6.04	4.998	
100.0	100.0	100.1	100.1	3.0	3.0	-90.21	-0.1	-30.2	30.2	24.1	6.04	4.994	
190.0	190.0	190.1	190.1	3.1	3.1	-90.21	-0.1	-30.2	30.2	23.9	6.25	4.825	
200.0	200.0	200.1	200.1	3.1	3.1	-90.21	-0.1	-30.2	30.2	23.9	6.29	4.799	
285.0	285.0	285.1	285.1	3.3	3.3	-90.21	-0.1	-30.2	30.2	23.7	6.48	4.654	
300.0	300.0	300.1	300.1	3.3	3.3	-90.21	-0.1	-30.2	30.2	23.6	6.52	4.626	
380.0	380.0	380.1	380.1	3.4	3.4	-90.21	-0.1	-30.2	30.2	23.5	6.70	4.502	
400.0	400.0	400.1	400.1	3.4	3.4	-90.21	-0.1	-30.2	30.2	23.4	6.75	4.469	
475.0	475.0	475.1	475.1	3.5	3.5	-90.21	-0.1	-30.2	30.2	23.3	6.91	4.364	
500.0	500.0	500.1	500.1	3.5	3.5	-90.21	-0.1	-30.2	30.2	23.2	6.97	4.328	
570.0	570.0	570.1	570.1	3.6	3.6	-90.21	-0.1	-30.2	30.2	23.1	7.12	4.238	
600.0	600.0	600.1	600.1	3.6	3.6	-90.21	-0.1	-30.2	30.2	23.0	7.18	4.199	
665.0	665.0	665.1	665.1	3.7	3.7	-90.21	-0.1	-30.2	30.2	22.9	7.32	4.123	
700.0	700.0	700.1	700.1	3.8	3.8	-90.21	-0.1	-30.2	30.2	22.8	7.39	4.081	
760.0	760.0	760.1	760.1	3.8	3.8	-90.21	-0.1	-30.2	30.2	22.7	7.51	4.016	
800.0	800.0	800.1	800.1	3.9	3.9	-90.21	-0.1	-30.2	30.2	22.6	7.59	3.973	
855.0	855.0	855.1	855.1	4.0	4.0	-90.21	-0.1	-30.2	30.2	22.5	7.70	3.918	
900.0	900.0	900.1	900.1	4.0	4.0	-90.21	-0.1	-30.2	30.2	22.4	7.79	3.873	
950.0	950.0	950.1	950.1	4.1	4.1	-90.21	-0.1	-30.2	30.2	22.3	7.89	3.826	
1,000.0	1,000.0	1,000.1	1,000.1	4.1	4.1	-90.21	-0.1	-30.2	30.2	22.2	7.98	3.780	
1,045.0	1,045.0	1,045.1	1,045.1	4.2	4.2	-90.21	-0.1	-30.2	30.2	22.1	8.07	3.740	
1,100.0	1,100.0	1,100.1	1,100.1	4.2	4.2	-90.21	-0.1	-30.2	30.2	22.0	8.17	3.693	
1,140.0	1,140.0	1,140.1	1,140.1	4.3	4.3	-90.21	-0.1	-30.2	30.2	21.9	8.24	3.660	
1,200.0	1,200.0	1,200.1	1,200.1	4.4	4.4	-90.21	-0.1	-30.2	30.2	21.8	8.35	3.612	
1,235.0	1,235.0	1,235.1	1,235.1	4.4	4.4	-90.21	-0.1	-30.2	30.2	21.8	8.41	3.585	
1,300.0	1,300.0	1,300.1	1,300.1	4.5	4.5	-90.21	-0.1	-30.2	30.2	21.6	8.53	3.536	
1,330.0	1,330.0	1,330.1	1,330.1	4.5	4.5	-90.21	-0.1	-30.2	30.2	21.6	8.58	3.515	
1,400.0	1,400.0	1,400.1	1,400.1	4.6	4.6	-90.21	-0.1	-30.2	30.2	21.5	8.71	3.465	
1,425.0	1,425.0	1,425.1	1,425.1	4.6	4.6	-90.21	-0.1	-30.2	30.2	21.4	8.75	3.448	
1,500.0	1,500.0	1,500.1	1,500.1	4.7	4.7	-90.21	-0.1	-30.2	30.2	21.3	8.88	3.398	
1,500.3	1,500.3	1,500.4	1,500.4	4.7	4.7	171.34	-0.1	-30.2	30.2	21.3	8.88	3.397	CC
1,520.0	1,520.0	1,520.3	1,520.3	4.7	4.7	171.27	-0.2	-30.1	30.2	21.2	8.95	3.374	ES
1,600.0	1,600.0	1,600.9	1,600.9	4.8	4.9	169.62	-1.3	-28.8	30.6	21.4	9.21	3.322	
1,615.0	1,615.0	1,616.0	1,616.0	4.8	4.9	169.08	-1.7	-28.4	30.7	21.5	9.28	3.311	
1,700.0	1,699.8	1,701.6	1,701.4	5.0	5.1	164.76	-4.8	-24.9	32.0	22.3	9.69	3.307	
1,710.0	1,709.8	1,711.7	1,711.5	5.0	5.1	164.13	-5.3	-24.3	32.2	22.5	9.72	3.317	
1,800.0	1,799.5	1,801.8	1,801.3	5.2	5.2	158.32	-10.3	-18.6	35.1	25.1	10.03	3.503	
1,805.0	1,804.4	1,806.8	1,806.3	5.2	5.2	158.05	-10.6	-18.3	35.4	25.3	10.04	3.522	
1,850.0	1,849.2	1,851.8	1,851.1	5.3	5.3	156.08	-13.2	-15.4	37.9	27.7	10.18	3.726	
1,900.0	1,898.8	1,901.6	1,900.7	5.4	5.4	154.43	-16.1	-12.1	41.1	30.8	10.32	3.985	
1,995.0	1,993.0	1,996.4	1,995.1	5.6	5.6	151.92	-21.6	-6.0	47.3	36.6	10.69	4.427	
2,000.0	1,998.0	2,001.4	2,000.1	5.6	5.6	151.81	-21.9	-5.6	47.7	37.0	10.71	4.450	
2,090.0	2,087.3	2,091.2	2,089.6	5.9	5.9	150.00	-27.1	0.2	53.6	42.5	11.07	4.842	
2,100.0	2,097.3	2,101.2	2,099.5	5.9	5.9	149.82	-27.6	0.9	54.3	43.2	11.11	4.884	
2,185.0	2,181.6	2,186.0	2,184.0	6.1	6.1	148.48	-32.6	6.4	59.9	48.5	11.46	5.230	
2,200.0	2,196.5	2,200.9	2,198.9	6.2	6.1	148.27	-33.4	7.4	60.9	49.4	11.52	5.290	
2,280.0	2,275.9	2,280.7	2,278.4	6.4	6.4	147.25	-38.0	12.6	66.3	54.4	11.85	5.594	
2,300.0	2,295.8	2,300.7	2,298.3	6.5	6.4	147.02	-39.2	13.9	67.6	55.7	11.93	5.667	
2,375.0	2,370.2	2,375.5	2,372.8	6.7	6.6	146.23	-43.5	18.8	72.6	60.4	12.24	5.933	
2,400.0	2,395.0	2,400.5	2,397.7	6.8	6.7	146.00	-45.0	20.4	74.3	62.0	12.35	6.019	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,470.0	2,464.5	2,470.3	2,467.2	7.0	6.9	145.38	-49.0	24.9	79.0	66.4	12.64	6.251	
2,500.0	2,494.3	2,500.2	2,497.0	7.1	7.0	145.14	-50.7	26.9	81.1	68.3	12.77	6.348	
2,565.0	2,558.8	2,565.1	2,561.6	7.3	7.2	144.66	-54.5	31.1	85.4	72.4	13.05	6.549	
2,600.0	2,593.5	2,600.0	2,596.4	7.4	7.3	144.42	-56.5	33.4	87.8	74.6	13.20	6.654	
2,660.0	2,653.1	2,659.8	2,656.1	7.6	7.5	144.04	-60.0	37.3	91.9	78.4	13.45	6.828	
2,700.0	2,692.8	2,699.8	2,695.8	7.8	7.6	143.80	-62.3	39.9	94.6	80.9	13.62	6.941	
2,755.0	2,747.4	2,754.6	2,750.5	7.9	7.8	143.50	-65.4	43.5	98.3	84.4	13.86	7.091	
2,800.0	2,792.0	2,799.5	2,795.2	8.1	7.9	143.26	-68.0	46.4	101.3	87.3	14.06	7.210	
2,850.0	2,841.7	2,849.3	2,844.8	8.3	8.1	143.03	-70.9	49.6	104.7	90.5	14.24	7.356	
2,900.0	2,891.3	2,898.9	2,894.2	8.5	8.2	142.96	-73.6	52.6	108.2	93.8	14.44	7.497	
2,945.0	2,936.0	2,943.5	2,938.7	8.6	8.3	143.08	-75.7	55.0	111.5	96.9	14.65	7.613	
3,000.0	2,990.6	2,997.9	2,993.0	8.8	8.5	143.44	-78.0	57.6	115.7	100.8	14.92	7.754	
3,040.0	3,030.3	3,037.5	3,032.6	9.0	8.6	143.83	-79.5	59.3	118.8	103.7	15.12	7.857	
3,100.0	3,089.8	3,096.8	3,091.8	9.2	8.8	144.60	-81.3	61.4	123.8	108.3	15.45	8.011	
3,135.0	3,124.5	3,131.4	3,126.4	9.3	8.9	145.15	-82.2	62.4	126.7	111.1	15.64	8.102	
3,200.0	3,189.1	3,195.5	3,190.5	9.6	9.1	146.31	-83.5	63.8	132.5	116.5	16.02	8.272	
3,230.0	3,218.8	3,225.1	3,220.0	9.7	9.2	146.90	-83.9	64.3	135.3	119.1	16.20	8.352	
3,300.0	3,288.3	3,294.0	3,288.9	9.9	9.3	148.41	-84.6	65.0	142.2	125.5	16.64	8.544	
3,325.0	3,313.1	3,318.5	3,313.4	10.0	9.4	148.99	-84.7	65.1	144.7	127.9	16.78	8.624	
3,400.0	3,387.6	3,392.8	3,387.7	10.3	9.4	150.74	-84.7	65.1	152.6	135.4	17.19	8.877	
3,420.0	3,407.4	3,412.6	3,407.5	10.4	9.4	151.18	-84.7	65.1	154.8	137.5	17.31	8.941	
3,500.0	3,486.8	3,492.0	3,486.9	10.7	9.5	152.83	-84.7	65.1	163.4	145.6	17.78	9.191	
3,515.0	3,501.7	3,506.9	3,501.8	10.7	9.5	153.12	-84.7	65.1	165.0	147.2	17.86	9.237	
3,600.0	3,586.1	3,591.3	3,586.2	11.1	9.5	154.65	-84.7	65.1	174.3	156.0	18.35	9.499	
3,610.0	3,596.0	3,601.2	3,596.1	11.1	9.6	154.82	-84.7	65.1	175.4	157.0	18.41	9.529	
3,700.0	3,685.3	3,690.5	3,685.4	11.5	9.6	156.26	-84.7	65.1	185.4	166.5	18.92	9.801	
3,705.0	3,690.3	3,695.5	3,690.4	11.5	9.6	156.34	-84.7	65.1	186.0	167.0	18.95	9.816	
3,800.0	3,784.6	3,789.8	3,784.7	11.8	9.7	157.69	-84.7	65.1	196.7	177.2	19.48	10.096	
3,895.0	3,878.9	3,884.1	3,879.0	12.2	9.8	158.90	-84.7	65.1	207.4	187.4	20.00	10.370	
3,900.0	3,883.8	3,889.0	3,883.9	12.2	9.8	158.96	-84.7	65.1	208.0	188.0	20.03	10.385	
3,990.0	3,973.2	3,978.4	3,973.3	12.6	9.8	160.00	-84.7	65.1	218.3	197.8	20.52	10.638	
4,000.0	3,983.1	3,988.3	3,983.2	12.6	9.8	160.11	-84.7	65.1	219.4	198.9	20.58	10.665	
4,085.0	4,067.5	4,072.7	4,067.6	13.0	9.9	160.99	-84.7	65.1	229.2	208.2	21.03	10.898	
4,100.0	4,082.4	4,087.5	4,082.5	13.0	9.9	161.13	-84.7	65.1	230.9	209.8	21.11	10.938	
4,180.0	4,161.8	4,166.9	4,161.9	13.3	10.0	161.89	-84.7	65.1	240.2	218.7	21.54	11.150	
4,200.0	4,181.6	4,186.8	4,181.7	13.4	10.0	162.06	-84.7	65.1	242.5	220.9	21.65	11.203	
4,275.0	4,256.0	4,261.2	4,256.1	13.7	10.0	162.71	-84.7	65.1	251.2	229.2	22.05	11.396	
4,300.0	4,280.9	4,286.0	4,281.0	13.8	10.0	162.91	-84.7	65.1	254.2	232.0	22.18	11.460	
4,370.0	4,350.3	4,355.5	4,350.4	14.1	10.1	163.46	-84.7	65.1	262.3	239.8	22.55	11.635	
4,400.0	4,380.1	4,385.3	4,380.2	14.2	10.1	163.68	-84.7	65.1	265.8	243.1	22.70	11.708	
4,465.0	4,444.6	4,449.8	4,444.7	14.5	10.2	164.15	-84.7	65.1	273.5	250.4	23.04	11.866	
4,500.0	4,479.4	4,484.6	4,479.5	14.6	10.2	164.39	-84.7	65.1	277.6	254.3	23.23	11.950	
4,560.0	4,538.9	4,544.1	4,539.0	14.9	10.2	164.78	-84.7	65.1	284.6	261.1	23.54	12.091	
4,600.0	4,578.6	4,583.8	4,578.7	15.0	10.3	165.04	-84.7	65.1	289.3	265.6	23.75	12.183	
4,655.0	4,633.2	4,638.4	4,633.3	15.2	10.3	165.37	-84.7	65.1	295.8	271.8	24.03	12.308	
4,700.0	4,677.9	4,683.1	4,678.0	15.4	10.3	165.64	-84.7	65.1	301.1	276.9	24.27	12.409	
4,750.0	4,727.5	4,732.7	4,727.6	15.6	10.4	165.92	-84.7	65.1	307.0	282.5	24.52	12.520	
4,800.0	4,777.1	4,782.3	4,777.2	15.8	10.4	166.19	-84.7	65.1	312.9	288.2	24.78	12.628	
4,845.0	4,821.8	4,827.0	4,821.9	16.0	10.4	166.43	-84.7	65.1	318.3	293.3	25.01	12.724	
4,900.0	4,876.4	4,881.6	4,876.5	16.2	10.5	166.70	-84.7	65.1	324.8	299.5	25.30	12.840	
4,940.0	4,916.1	4,921.3	4,916.2	16.4	10.5	166.90	-84.7	65.1	329.6	304.0	25.50	12.923	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,975.6	4,980.8	4,975.7	16.6	10.5	167.18	-84.7	65.1	336.7	310.9	25.81	13.045	
5,035.0	5,010.4	5,015.6	5,010.5	16.8	10.6	167.34	-84.7	65.1	340.8	314.9	25.99	13.116	
5,100.0	5,074.9	5,080.1	5,075.0	17.0	10.6	167.62	-84.7	65.1	348.6	322.3	26.32	13.244	
5,130.0	5,104.7	5,109.9	5,104.8	17.2	10.6	167.75	-84.7	65.1	352.2	325.7	26.47	13.303	
5,200.0	5,174.2	5,179.3	5,174.3	17.4	10.7	168.04	-84.7	65.1	360.5	333.7	26.83	13.437	
5,225.0	5,199.0	5,204.2	5,199.1	17.5	10.7	168.14	-84.7	65.1	363.5	336.5	26.96	13.484	
5,300.0	5,273.4	5,278.6	5,273.5	17.8	10.8	168.43	-84.7	65.1	372.4	345.1	27.34	13.624	
5,320.0	5,293.3	5,298.4	5,293.4	17.9	10.8	168.50	-84.7	65.1	374.8	347.4	27.44	13.660	
5,400.0	5,372.7	5,377.8	5,372.8	18.2	10.8	168.79	-84.7	65.1	384.4	356.5	27.85	13.804	
5,415.0	5,387.6	5,392.7	5,387.7	18.3	10.8	168.84	-84.7	65.1	386.2	358.3	27.92	13.831	
5,500.0	5,471.9	5,477.1	5,472.0	18.7	10.9	169.13	-84.7	65.1	396.4	368.0	28.35	13.980	
5,510.0	5,481.8	5,487.0	5,481.9	18.7	10.9	169.17	-84.7	65.1	397.5	369.1	28.40	13.997	
5,600.0	5,571.2	5,576.4	5,571.3	19.1	11.0	169.46	-84.7	65.1	408.3	379.5	28.86	14.150	
5,605.0	5,576.1	5,581.3	5,576.2	19.1	11.0	169.47	-84.7	65.1	408.9	380.0	28.88	14.158	
5,700.0	5,670.4	5,675.6	5,670.5	19.5	11.0	169.76	-84.7	65.1	420.3	391.0	29.36	14.315	
5,795.0	5,764.7	5,769.9	5,764.8	19.9	11.1	170.03	-84.7	65.1	431.7	401.9	29.84	14.467	
5,800.0	5,769.7	5,774.9	5,769.8	19.9	11.1	170.05	-84.7	65.1	432.3	402.5	29.87	14.475	
5,890.0	5,859.0	5,864.2	5,859.1	20.3	11.2	170.29	-84.7	65.1	443.1	412.8	30.32	14.614	
5,900.0	5,868.9	5,874.1	5,869.0	20.3	11.2	170.32	-84.7	65.1	444.3	414.0	30.37	14.630	
5,928.9	5,897.7	5,902.8	5,897.8	20.4	11.2	170.40	-84.7	65.1	447.8	417.3	30.51	14.678	
5,985.0	5,953.3	5,958.5	5,953.4	20.6	11.3	170.54	-84.7	65.1	454.3	423.5	30.78	14.758	
6,000.0	5,968.2	5,973.4	5,968.3	20.7	11.3	170.58	-84.7	65.1	455.9	425.1	30.85	14.777	
6,080.0	6,047.8	6,053.0	6,047.9	21.0	11.3	170.76	-84.7	65.1	464.0	432.8	31.24	14.853	
6,100.0	6,067.7	6,072.9	6,067.8	21.1	11.3	170.80	-84.7	65.1	465.9	434.5	31.34	14.866	
6,175.0	6,142.5	6,147.6	6,142.6	21.4	11.4	170.93	-84.7	65.1	472.2	440.5	31.69	14.903	
6,200.0	6,167.4	6,172.6	6,167.5	21.5	11.4	170.97	-84.7	65.1	474.1	442.3	31.80	14.908	
6,270.0	6,237.2	6,242.4	6,237.3	21.7	11.5	171.07	-84.7	65.1	478.9	446.8	32.12	14.911	
6,300.0	6,267.2	6,272.3	6,267.3	21.8	11.5	171.11	-84.7	65.1	480.7	448.4	32.25	14.905	
6,365.0	6,332.1	6,337.3	6,332.2	22.0	11.5	171.17	-84.7	65.1	484.0	451.5	32.52	14.882	
6,400.0	6,367.0	6,372.2	6,367.1	22.2	11.6	171.20	-84.7	65.1	485.5	452.8	32.67	14.861	
6,460.0	6,427.0	6,432.2	6,427.1	22.3	11.6	171.24	-84.7	65.1	487.5	454.6	32.90	14.819	
6,500.0	6,467.0	6,472.2	6,467.1	22.5	11.6	171.26	-84.7	65.1	488.6	455.5	33.05	14.781	
6,555.0	6,522.0	6,527.2	6,522.1	22.6	11.7	171.28	-84.7	65.1	489.5	456.3	33.23	14.730	
6,600.0	6,567.0	6,572.2	6,567.1	22.7	11.7	171.29	-84.7	65.1	489.9	456.5	33.38	14.677	
6,629.0	6,596.0	6,601.2	6,596.1	22.7	11.7	-90.26	-84.7	65.1	490.0	456.6	33.43	14.657	
6,650.0	6,617.0	6,622.2	6,617.1	22.7	11.7	-90.26	-84.7	65.1	490.0	456.5	33.45	14.648	
6,700.0	6,667.0	6,672.2	6,667.1	22.7	11.8	-90.26	-84.7	65.1	490.0	456.5	33.50	14.627	
6,745.0	6,712.0	6,717.2	6,712.1	22.8	11.8	-90.26	-84.7	65.1	490.0	456.4	33.55	14.605	
6,800.0	6,767.0	6,772.2	6,767.1	22.8	11.9	-90.26	-84.7	65.1	490.0	456.4	33.61	14.579	
6,840.0	6,807.0	6,812.2	6,807.1	22.8	11.9	-90.26	-84.7	65.1	490.0	456.3	33.65	14.560	
6,900.0	6,867.0	6,872.2	6,867.1	22.8	11.9	-90.26	-84.7	65.1	490.0	456.3	33.72	14.531	
6,935.0	6,902.0	6,907.2	6,902.1	22.8	12.0	-90.26	-84.7	65.1	490.0	456.2	33.76	14.514	
7,000.0	6,967.0	6,972.2	6,967.1	22.8	12.0	-90.26	-84.7	65.1	490.0	456.2	33.83	14.484	
7,030.0	6,997.0	7,002.2	6,997.1	22.8	12.0	-90.26	-84.7	65.1	490.0	456.1	33.86	14.469	
7,100.0	7,067.0	7,072.2	7,067.1	22.9	12.1	-90.26	-84.7	65.1	490.0	456.1	33.94	14.436	
7,125.0	7,092.0	7,097.2	7,092.1	22.9	12.1	-90.26	-84.7	65.1	490.0	456.0	33.97	14.425	
7,200.0	7,167.0	7,172.2	7,167.1	22.9	12.2	-90.26	-84.7	65.1	490.0	455.9	34.05	14.389	
7,220.0	7,187.0	7,192.2	7,187.1	22.9	12.2	-90.26	-84.7	65.1	490.0	455.9	34.08	14.380	
7,300.0	7,267.0	7,272.2	7,267.1	22.9	12.2	-90.26	-84.7	65.1	490.0	455.8	34.16	14.342	
7,315.0	7,282.0	7,287.2	7,282.1	22.9	12.2	-90.26	-84.7	65.1	490.0	455.8	34.18	14.335	
7,400.0	7,367.0	7,372.2	7,367.1	23.0	12.3	-90.26	-84.7	65.1	490.0	455.7	34.28	14.296	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,410.0	7,377.0	7,382.2	7,377.1	23.0	12.3	-90.26	-84.7	65.1	490.0	455.7	34.29	14.291	
7,500.0	7,467.0	7,472.2	7,467.1	23.0	12.4	-90.26	-84.7	65.1	490.0	455.6	34.39	14.249	
7,505.0	7,472.0	7,477.2	7,472.1	23.0	12.4	-90.26	-84.7	65.1	490.0	455.6	34.39	14.247	
7,600.0	7,567.0	7,572.2	7,567.1	23.0	12.5	-90.26	-84.7	65.1	490.0	455.5	34.50	14.203	
7,695.0	7,662.0	7,667.2	7,662.1	23.1	12.5	-90.26	-84.7	65.1	490.0	455.4	34.61	14.159	
7,700.0	7,667.0	7,672.2	7,667.1	23.1	12.5	-90.26	-84.7	65.1	490.0	455.4	34.61	14.157	
7,790.0	7,757.0	7,762.2	7,757.1	23.1	12.6	-90.26	-84.7	65.1	490.0	455.3	34.71	14.115	
7,800.0	7,767.0	7,772.2	7,767.1	23.1	12.6	-90.26	-84.7	65.1	490.0	455.3	34.73	14.111	
7,885.0	7,852.0	7,857.2	7,852.1	23.1	12.7	-90.26	-84.7	65.1	490.0	455.2	34.82	14.072	
7,900.0	7,867.0	7,872.2	7,867.1	23.1	12.7	-90.26	-84.7	65.1	490.0	455.2	34.84	14.065	
7,980.0	7,947.0	7,952.2	7,947.1	23.2	12.7	-90.26	-84.7	65.1	490.0	455.1	34.93	14.028	
8,000.0	7,967.0	7,972.2	7,967.1	23.2	12.8	-90.26	-84.7	65.1	490.0	455.0	34.95	14.019	
8,075.0	8,042.0	8,047.2	8,042.1	23.2	12.8	-90.26	-84.7	65.1	490.0	455.0	35.04	13.985	
8,100.0	8,067.0	8,072.2	8,067.1	23.2	12.8	-90.26	-84.7	65.1	490.0	454.9	35.07	13.974	
8,170.0	8,137.0	8,142.2	8,137.1	23.2	12.9	-90.26	-84.7	65.1	490.0	454.9	35.14	13.942	
8,200.0	8,167.0	8,172.2	8,167.1	23.2	12.9	-90.26	-84.7	65.1	490.0	454.8	35.18	13.929	
8,265.0	8,232.0	8,237.2	8,232.1	23.2	13.0	-90.26	-84.7	65.1	490.0	454.7	35.25	13.899	
8,300.0	8,267.0	8,272.2	8,267.1	23.3	13.0	-90.26	-84.7	65.1	490.0	454.7	35.29	13.884	
8,360.0	8,327.0	8,332.2	8,327.1	23.3	13.0	-90.26	-84.7	65.1	490.0	454.6	35.36	13.857	
8,400.0	8,367.0	8,372.2	8,367.1	23.3	13.1	-90.26	-84.7	65.1	490.0	454.6	35.41	13.839	
8,455.0	8,422.0	8,427.2	8,422.1	23.3	13.1	-90.26	-84.7	65.1	490.0	454.5	35.47	13.814	
8,500.0	8,467.0	8,472.2	8,467.1	23.3	13.1	-90.26	-84.7	65.1	490.0	454.5	35.52	13.794	
8,550.0	8,517.0	8,522.2	8,517.1	23.3	13.2	-90.26	-84.7	65.1	490.0	454.4	35.58	13.772	
8,600.0	8,567.0	8,572.2	8,567.1	23.4	13.2	-90.26	-84.7	65.1	490.0	454.4	35.64	13.750	
8,645.0	8,612.0	8,617.2	8,612.1	23.4	13.2	-90.26	-84.7	65.1	490.0	454.3	35.69	13.730	
8,700.0	8,667.0	8,672.2	8,667.1	23.4	13.3	-90.26	-84.7	65.1	490.0	454.2	35.75	13.705	
8,740.0	8,707.0	8,712.2	8,707.1	23.4	13.3	-90.26	-84.7	65.1	490.0	454.2	35.80	13.688	
8,800.0	8,767.0	8,772.2	8,767.1	23.4	13.4	-90.26	-84.7	65.1	490.0	454.1	35.87	13.661	
8,835.0	8,802.0	8,807.2	8,802.1	23.4	13.4	-90.26	-84.7	65.1	490.0	454.1	35.91	13.646	
8,900.0	8,867.0	8,872.2	8,867.1	23.5	13.4	-90.26	-84.7	65.1	490.0	454.0	35.98	13.617	
8,930.0	8,897.0	8,902.2	8,897.1	23.5	13.5	-90.26	-84.7	65.1	490.0	454.0	36.02	13.604	
9,000.0	8,967.0	8,972.2	8,967.1	23.5	13.5	-90.26	-84.7	65.1	490.0	453.9	36.10	13.574	
9,025.0	8,992.0	8,997.2	8,992.1	23.5	13.5	-90.26	-84.7	65.1	490.0	453.9	36.13	13.563	
9,100.0	9,067.0	9,072.2	9,067.1	23.5	13.6	-90.26	-84.7	65.1	490.0	453.8	36.21	13.530	
9,120.0	9,087.0	9,092.2	9,087.1	23.5	13.6	-90.26	-84.7	65.1	490.0	453.8	36.24	13.522	
9,200.0	9,167.0	9,172.2	9,167.1	23.6	13.7	-90.26	-84.7	65.1	490.0	453.7	36.33	13.487	
9,215.0	9,182.0	9,187.2	9,182.1	23.6	13.7	-90.26	-84.7	65.1	490.0	453.6	36.35	13.480	
9,300.0	9,267.0	9,272.2	9,267.1	23.6	13.7	-90.26	-84.7	65.1	490.0	453.5	36.45	13.444	
9,310.0	9,277.0	9,282.2	9,277.1	23.6	13.7	-90.26	-84.7	65.1	490.0	453.5	36.46	13.439	
9,400.0	9,367.0	9,372.2	9,367.1	23.6	13.8	-90.26	-84.7	65.1	490.0	453.4	36.56	13.401	
9,405.0	9,372.0	9,377.2	9,372.1	23.7	13.8	-90.26	-84.7	65.1	490.0	453.4	36.57	13.399	
9,500.0	9,467.0	9,472.2	9,467.1	23.7	13.9	-90.26	-84.7	65.1	490.0	453.3	36.68	13.358	
9,595.0	9,562.0	9,567.2	9,562.1	23.7	14.0	-90.26	-84.7	65.1	490.0	453.2	36.79	13.318	
9,600.0	9,567.0	9,572.2	9,567.1	23.7	14.0	-90.26	-84.7	65.1	490.0	453.2	36.80	13.315	
9,690.0	9,657.0	9,662.2	9,657.1	23.8	14.0	-90.26	-84.7	65.1	490.0	453.1	36.90	13.277	
9,700.0	9,667.0	9,672.2	9,667.1	23.8	14.0	-90.26	-84.7	65.1	490.0	453.1	36.92	13.273	
9,785.0	9,752.0	9,757.2	9,752.1	23.8	14.1	-90.21	-84.3	65.1	490.0	453.0	36.99	13.248	
9,799.3	9,766.3	9,771.5	9,766.4	23.8	14.1	-90.13	-83.6	65.1	490.0	453.0	37.00	13.243	
9,800.0	9,767.0	9,772.2	9,767.1	23.8	14.1	-90.12	-83.5	65.1	490.0	453.0	37.00	13.243	
9,880.0	9,847.0	9,850.8	9,845.0	23.8	14.2	-88.92	-73.2	65.1	490.1	453.0	37.12	13.205	
9,900.0	9,867.0	9,869.9	9,863.6	23.8	14.2	-88.44	-69.1	65.1	490.2	453.1	37.15	13.196	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,974.1	9,941.0	9,937.9	9,928.6	23.9	14.3	-86.15	-49.5	65.1	491.3	454.1	37.27	13.183	
9,975.0	9,942.0	9,938.7	9,929.4	23.9	14.3	-85.99	-49.2	65.1	491.4	454.1	37.27	13.183	
10,000.0	9,967.0	9,960.6	9,949.8	23.9	14.3	-85.05	-41.3	65.1	492.1	454.8	37.30	13.193	
10,050.0	10,016.8	10,003.7	9,989.0	23.8	14.4	-83.20	-23.3	65.0	493.9	456.6	37.33	13.232	
10,070.0	10,036.5	10,020.7	10,004.0	23.8	14.4	-82.48	-15.4	65.0	494.7	457.4	37.33	13.254	
10,100.0	10,066.0	10,045.9	10,025.9	23.8	14.4	-81.41	-3.0	65.0	496.2	458.8	37.32	13.294	
10,150.0	10,114.2	10,087.3	10,060.6	23.8	14.5	-79.70	19.6	64.9	498.8	461.5	37.29	13.375	
10,165.0	10,128.5	10,100.0	10,070.9	23.8	14.5	-79.19	27.0	64.9	499.7	462.4	37.28	13.402	
10,200.0	10,161.2	10,127.9	10,093.0	23.8	14.6	-78.07	44.1	64.9	501.8	464.5	37.25	13.469	
10,250.0	10,206.4	10,167.9	10,123.1	23.8	14.6	-76.52	70.5	64.8	504.9	467.7	37.21	13.571	
10,260.0	10,215.3	10,175.9	10,128.9	23.8	14.6	-76.23	75.9	64.8	505.6	468.4	37.20	13.592	
10,300.0	10,249.7	10,207.4	10,150.9	23.8	14.7	-75.08	98.4	64.7	508.2	471.1	37.16	13.677	
10,350.0	10,290.6	10,250.0	10,178.7	23.8	14.7	-73.64	130.7	64.7	511.6	474.5	37.12	13.783	
10,355.0	10,294.5	10,250.0	10,178.7	23.8	14.7	-73.61	130.7	64.7	511.9	474.8	37.11	13.794	
10,400.0	10,328.8	10,284.8	10,199.6	23.8	14.8	-72.50	158.6	64.6	514.9	477.8	37.08	13.886	
10,450.0	10,364.1	10,322.9	10,220.5	23.8	14.8	-71.38	190.4	64.5	518.1	481.0	37.05	13.983	
10,500.0	10,396.2	10,360.7	10,239.1	23.8	14.9	-70.38	223.3	64.5	521.1	484.1	37.03	14.072	
10,545.0	10,422.1	10,400.0	10,256.0	23.8	14.9	-69.49	258.8	64.4	523.6	486.6	37.02	14.143	
10,550.0	10,424.8	10,400.0	10,256.0	23.8	14.9	-69.47	258.8	64.4	523.9	486.9	37.02	14.150	
10,600.0	10,449.7	10,435.4	10,269.2	23.8	15.0	-68.73	291.6	64.3	526.4	489.3	37.02	14.218	
10,640.0	10,466.9	10,465.0	10,278.6	23.8	15.0	-68.21	319.7	64.2	528.1	491.1	37.02	14.265	
10,650.0	10,470.7	10,472.4	10,280.8	23.8	15.0	-68.10	326.8	64.2	528.5	491.5	37.02	14.275	
10,700.0	10,487.8	10,509.3	10,290.0	23.9	15.1	-67.59	362.5	64.1	530.3	493.3	37.03	14.320	
10,735.0	10,497.2	10,535.0	10,295.1	23.9	15.1	-67.30	387.7	64.1	531.3	494.3	37.04	14.344	
10,750.0	10,500.6	10,550.0	10,297.5	23.9	15.1	-67.18	402.5	64.0	531.7	494.6	37.05	14.350	
10,800.0	10,509.2	10,582.7	10,301.5	24.0	15.1	-66.94	434.9	64.0	532.6	495.5	37.06	14.373	
10,830.0	10,512.3	10,604.7	10,303.1	24.0	15.1	-66.85	456.8	63.9	532.9	495.9	37.06	14.379	
10,850.0	10,513.5	10,619.3	10,303.8	24.0	15.2	-66.81	471.5	63.9	533.1	496.0	37.06	14.382	
10,872.1	10,514.0	10,635.8	10,304.0	24.0	15.2	-66.79	487.9	63.9	533.1	496.1	37.06	14.384	
10,900.0	10,514.1	10,663.7	10,304.1	24.1	15.2	-66.79	515.9	63.8	533.1	496.0	37.12	14.364	
10,925.0	10,514.2	10,688.7	10,304.1	24.1	15.2	-66.79	540.9	63.7	533.2	496.0	37.19	14.334	
11,000.0	10,514.4	10,763.7	10,304.3	24.2	15.3	-66.78	615.9	63.6	533.2	495.7	37.45	14.237	
11,020.0	10,514.5	10,783.7	10,304.4	24.2	15.3	-66.78	635.9	63.5	533.2	495.7	37.53	14.209	
11,100.0	10,514.8	10,863.7	10,304.6	24.3	15.4	-66.77	715.9	63.3	533.2	495.4	37.85	14.089	
11,115.0	10,514.9	10,878.7	10,304.6	24.3	15.5	-66.77	730.9	63.3	533.2	495.3	37.91	14.065	
11,200.0	10,515.1	10,963.7	10,304.9	24.4	15.6	-66.76	815.9	63.1	533.2	494.9	38.30	13.923	
11,210.0	10,515.2	10,973.7	10,304.9	24.5	15.6	-66.76	825.9	63.1	533.3	494.9	38.35	13.906	
11,300.0	10,515.5	11,063.7	10,305.1	24.6	15.9	-66.76	915.9	62.9	533.3	494.5	38.81	13.742	
11,305.0	10,515.5	11,068.7	10,305.2	24.6	15.9	-66.75	920.9	62.9	533.3	494.4	38.83	13.732	
11,400.0	10,515.9	11,163.7	10,305.4	24.8	16.1	-66.75	1,015.9	62.7	533.3	493.9	39.37	13.547	
11,495.0	10,516.2	11,258.7	10,305.7	25.0	16.5	-66.74	1,110.9	62.4	533.3	493.4	39.95	13.351	
11,500.0	10,516.2	11,263.7	10,305.7	25.0	16.5	-66.74	1,115.9	62.4	533.3	493.4	39.98	13.340	
11,590.0	10,516.5	11,353.7	10,305.9	25.2	16.8	-66.73	1,205.9	62.2	533.4	492.8	40.57	13.146	
11,600.0	10,516.6	11,363.7	10,305.9	25.3	16.8	-66.73	1,215.9	62.2	533.4	492.7	40.64	13.125	
11,685.0	10,516.9	11,448.7	10,306.2	25.5	17.2	-66.72	1,300.9	62.0	533.4	492.2	41.24	12.935	
11,700.0	10,516.9	11,463.7	10,306.2	25.5	17.3	-66.72	1,315.9	62.0	533.4	492.1	41.34	12.902	
11,780.0	10,517.2	11,543.7	10,306.4	25.8	17.6	-66.71	1,395.9	61.8	533.4	491.5	41.94	12.719	
11,800.0	10,517.3	11,563.7	10,306.5	25.8	17.7	-66.71	1,415.9	61.7	533.4	491.4	42.09	12.673	
11,875.0	10,517.5	11,638.7	10,306.7	26.0	18.1	-66.71	1,490.9	61.6	533.5	490.8	42.68	12.499	
11,900.0	10,517.6	11,663.7	10,306.7	26.1	18.2	-66.70	1,515.9	61.5	533.5	490.6	42.88	12.441	
11,970.0	10,517.8	11,733.7	10,306.9	26.3	18.5	-66.70	1,585.9	61.4	533.5	490.0	43.46	12.276	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,000.0	10,518.0	11,763.7	10,307.0	26.4	18.7	-66.70	1,615.9	61.3	533.5	489.8	43.71	12.206	
12,065.0	10,518.2	11,828.7	10,307.2	26.6	19.0	-66.69	1,680.9	61.1	533.5	489.3	44.27	12.052	
12,100.0	10,518.3	11,863.7	10,307.3	26.8	19.2	-66.69	1,715.9	61.1	533.6	489.0	44.57	11.970	
12,160.0	10,518.5	11,923.7	10,307.4	27.0	19.5	-66.68	1,775.9	60.9	533.6	488.5	45.11	11.828	
12,200.0	10,518.7	11,963.7	10,307.5	27.1	19.7	-66.68	1,815.9	60.8	533.6	488.1	45.47	11.734	
12,255.0	10,518.8	12,018.7	10,307.7	27.3	20.0	-66.67	1,870.9	60.7	533.6	487.6	45.98	11.605	
12,300.0	10,519.0	12,063.7	10,307.8	27.5	20.3	-66.67	1,915.9	60.6	533.6	487.2	46.40	11.500	
12,350.0	10,519.2	12,113.7	10,307.9	27.7	20.6	-66.67	1,965.9	60.5	533.6	486.8	46.88	11.383	
12,400.0	10,519.4	12,163.7	10,308.1	27.8	20.9	-66.66	2,015.9	60.4	533.7	486.3	47.36	11.267	
12,445.0	10,519.5	12,208.7	10,308.2	28.0	21.1	-66.66	2,060.9	60.3	533.7	485.9	47.81	11.163	
12,500.0	10,519.7	12,263.7	10,308.3	28.2	21.4	-66.65	2,115.9	60.2	533.7	485.3	48.35	11.037	
12,540.0	10,519.8	12,303.7	10,308.4	28.4	21.7	-66.65	2,155.9	60.1	533.7	484.9	48.76	10.946	
12,600.0	10,520.1	12,363.7	10,308.6	28.7	22.0	-66.65	2,215.9	59.9	533.7	484.3	49.37	10.810	
12,635.0	10,520.2	12,398.7	10,308.7	28.8	22.2	-66.64	2,250.9	59.9	533.7	484.0	49.73	10.732	
12,700.0	10,520.4	12,463.7	10,308.8	29.1	22.6	-66.64	2,315.9	59.7	533.8	483.3	50.41	10.588	
12,730.0	10,520.5	12,493.7	10,308.9	29.2	22.8	-66.63	2,345.9	59.6	533.8	483.0	50.73	10.521	
12,800.0	10,520.8	12,563.7	10,309.1	29.5	23.3	-66.63	2,415.9	59.5	533.8	482.3	51.48	10.369	
12,825.0	10,520.8	12,588.7	10,309.2	29.6	23.4	-66.63	2,440.9	59.4	533.8	482.0	51.75	10.315	
12,900.0	10,521.1	12,663.7	10,309.4	30.0	23.9	-66.62	2,515.9	59.3	533.8	481.3	52.57	10.155	
12,920.0	10,521.2	12,683.7	10,309.4	30.1	24.0	-66.62	2,535.9	59.2	533.8	481.0	52.79	10.113	
13,000.0	10,521.5	12,763.7	10,309.6	30.4	24.5	-66.61	2,615.9	59.0	533.9	480.2	53.68	9.946	
13,015.0	10,521.5	12,778.7	10,309.7	30.5	24.6	-66.61	2,630.8	59.0	533.9	480.0	53.85	9.915	
13,100.0	10,521.8	12,863.7	10,309.9	30.9	25.2	-66.60	2,715.8	58.8	533.9	479.1	54.81	9.741	
13,110.0	10,521.8	12,873.7	10,309.9	31.0	25.2	-66.60	2,725.8	58.8	533.9	479.0	54.92	9.721	
13,200.0	10,522.2	12,963.7	10,310.2	31.4	25.8	-66.60	2,815.8	58.6	533.9	478.0	55.95	9.542	
13,205.0	10,522.2	12,968.7	10,310.2	31.4	25.8	-66.59	2,820.8	58.6	533.9	477.9	56.01	9.532	
13,300.0	10,522.5	13,063.7	10,310.4	31.9	26.5	-66.59	2,915.8	58.3	534.0	476.8	57.12	9.348	
13,395.0	10,522.8	13,158.7	10,310.7	32.4	27.1	-66.58	3,010.8	58.1	534.0	475.7	58.24	9.168	
13,400.0	10,522.9	13,163.7	10,310.7	32.4	27.1	-66.58	3,015.8	58.1	534.0	475.7	58.30	9.159	
13,490.0	10,523.2	13,253.7	10,310.9	32.9	27.7	-66.57	3,105.8	57.9	534.0	474.6	59.38	8.993	
13,500.0	10,523.2	13,263.7	10,311.0	32.9	27.8	-66.57	3,115.8	57.9	534.0	474.5	59.50	8.975	
13,585.0	10,523.5	13,348.7	10,311.2	33.4	28.3	-66.56	3,200.8	57.7	534.1	473.5	60.53	8.823	
13,600.0	10,523.6	13,363.7	10,311.2	33.4	28.4	-66.56	3,215.8	57.7	534.1	473.3	60.71	8.797	
13,680.0	10,523.8	13,443.7	10,311.4	33.9	29.0	-66.55	3,295.8	57.5	534.1	472.4	61.69	8.657	
13,700.0	10,523.9	13,463.7	10,311.5	34.0	29.1	-66.55	3,315.8	57.4	534.1	472.2	61.94	8.623	
13,775.0	10,524.2	13,538.7	10,311.7	34.4	29.6	-66.55	3,390.8	57.3	534.1	471.3	62.87	8.496	
13,800.0	10,524.3	13,563.7	10,311.8	34.5	29.8	-66.54	3,415.8	57.2	534.1	471.0	63.18	8.454	
13,870.0	10,524.5	13,633.7	10,311.9	34.9	30.3	-66.54	3,485.8	57.1	534.2	470.1	64.05	8.339	
13,900.0	10,524.6	13,663.7	10,312.0	35.1	30.5	-66.54	3,515.8	57.0	534.2	469.7	64.43	8.291	
13,965.0	10,524.8	13,728.7	10,312.2	35.4	30.9	-66.53	3,580.8	56.8	534.2	468.9	65.25	8.187	
14,000.0	10,525.0	13,763.7	10,312.3	35.6	31.2	-66.53	3,615.8	56.8	534.2	468.5	65.69	8.132	
14,060.0	10,525.2	13,823.7	10,312.5	36.0	31.6	-66.52	3,675.8	56.6	534.2	467.8	66.46	8.039	
14,100.0	10,525.3	13,863.7	10,312.6	36.2	31.9	-66.52	3,715.8	56.5	534.2	467.3	66.97	7.978	
14,155.0	10,525.5	13,918.7	10,312.7	36.5	32.2	-66.51	3,770.8	56.4	534.2	466.6	67.67	7.895	
14,200.0	10,525.7	13,963.7	10,312.8	36.8	32.5	-66.51	3,815.8	56.3	534.3	466.0	68.25	7.828	
14,250.0	10,525.8	14,013.7	10,313.0	37.1	32.9	-66.51	3,865.8	56.2	534.3	465.4	68.90	7.755	
14,300.0	10,526.0	14,063.7	10,313.1	37.4	33.2	-66.50	3,915.8	56.1	534.3	464.8	69.55	7.683	
14,345.0	10,526.2	14,108.7	10,313.2	37.6	33.6	-66.50	3,960.8	56.0	534.3	464.2	70.13	7.619	
14,400.0	10,526.4	14,163.7	10,313.4	38.0	33.9	-66.49	4,015.8	55.9	534.3	463.5	70.85	7.542	
14,440.0	10,526.5	14,203.7	10,313.5	38.2	34.2	-66.49	4,055.8	55.8	534.3	463.0	71.37	7.487	
14,500.0	10,526.7	14,263.7	10,313.6	38.5	34.6	-66.49	4,115.8	55.6	534.4	462.2	72.16	7.405	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,535.0	10,526.8	14,298.7	10,313.7	38.8	34.9	-66.48	4,150.8	55.5	534.4	461.8	72.62	7.358	
14,600.0	10,527.1	14,363.7	10,313.9	39.1	35.4	-66.48	4,215.8	55.4	534.4	460.9	73.48	7.272	
14,630.0	10,527.2	14,393.7	10,314.0	39.3	35.6	-66.47	4,245.8	55.3	534.4	460.5	73.88	7.233	
14,700.0	10,527.4	14,463.7	10,314.1	39.8	36.1	-66.47	4,315.8	55.2	534.4	459.6	74.81	7.144	
14,725.0	10,527.5	14,488.7	10,314.2	39.9	36.2	-66.47	4,340.8	55.1	534.4	459.3	75.15	7.112	
14,800.0	10,527.8	14,563.7	10,314.4	40.4	36.8	-66.46	4,415.8	54.9	534.5	458.3	76.15	7.019	
14,820.0	10,527.8	14,583.7	10,314.5	40.5	36.9	-66.46	4,435.8	54.9	534.5	458.1	76.42	6.994	
14,900.0	10,528.1	14,663.7	10,314.7	41.0	37.5	-66.45	4,515.8	54.7	534.5	457.0	77.49	6.898	
14,915.0	10,528.2	14,678.7	10,314.7	41.1	37.6	-66.45	4,530.8	54.7	534.5	456.8	77.69	6.880	
15,000.0	10,528.5	14,763.7	10,314.9	41.6	38.2	-66.44	4,615.8	54.5	534.5	455.7	78.84	6.780	
15,010.0	10,528.5	14,773.7	10,315.0	41.7	38.3	-66.44	4,625.8	54.5	534.5	455.6	78.98	6.768	
15,100.0	10,528.8	14,863.7	10,315.2	42.2	38.9	-66.44	4,715.8	54.3	534.6	454.4	80.20	6.666	
15,105.0	10,528.8	14,868.7	10,315.2	42.3	38.9	-66.43	4,720.8	54.3	534.6	454.3	80.27	6.660	
15,200.0	10,529.2	14,963.7	10,315.5	42.9	39.6	-66.43	4,815.8	54.0	534.6	453.0	81.56	6.555	
15,295.0	10,529.5	15,058.7	10,315.7	43.5	40.3	-66.42	4,910.8	53.8	534.6	451.8	82.86	6.452	
15,300.0	10,529.5	15,063.7	10,315.7	43.5	40.3	-66.42	4,915.8	53.8	534.6	451.7	82.93	6.447	
15,390.0	10,529.8	15,153.7	10,316.0	44.1	41.0	-66.41	5,005.8	53.6	534.7	450.5	84.17	6.352	
15,400.0	10,529.9	15,163.7	10,316.0	44.1	41.1	-66.41	5,015.8	53.6	534.7	450.4	84.31	6.342	
15,485.0	10,530.2	15,248.7	10,316.2	44.7	41.7	-66.40	5,100.8	53.4	534.7	449.2	85.48	6.255	
15,500.0	10,530.2	15,263.7	10,316.3	44.8	41.8	-66.40	5,115.8	53.4	534.7	449.0	85.69	6.240	
15,580.0	10,530.5	15,343.7	10,316.5	45.3	42.4	-66.39	5,195.8	53.2	534.7	447.9	86.79	6.161	
15,600.0	10,530.6	15,363.7	10,316.5	45.4	42.5	-66.39	5,215.8	53.1	534.7	447.7	87.07	6.141	
15,675.0	10,530.8	15,438.7	10,316.7	45.9	43.1	-66.39	5,290.8	53.0	534.8	446.7	88.11	6.069	
15,700.0	10,530.9	15,463.7	10,316.8	46.1	43.2	-66.38	5,315.8	52.9	534.8	446.3	88.46	6.045	
15,770.0	10,531.2	15,533.7	10,317.0	46.5	43.7	-66.38	5,385.8	52.7	534.8	445.4	89.44	5.980	
15,800.0	10,531.3	15,563.7	10,317.1	46.7	44.0	-66.38	5,415.8	52.7	534.8	445.0	89.85	5.952	
15,865.0	10,531.5	15,628.7	10,317.2	47.1	44.4	-66.37	5,480.8	52.5	534.8	444.1	90.76	5.893	
15,900.0	10,531.6	15,663.7	10,317.3	47.4	44.7	-66.37	5,515.8	52.5	534.8	443.6	91.25	5.861	
15,960.0	10,531.8	15,723.7	10,317.5	47.8	45.1	-66.36	5,575.8	52.3	534.9	442.8	92.10	5.808	
16,000.0	10,532.0	15,763.7	10,317.6	48.0	45.4	-66.36	5,615.8	52.2	534.9	442.2	92.66	5.773	
16,055.0	10,532.2	15,818.7	10,317.7	48.4	45.8	-66.35	5,670.8	52.1	534.9	441.5	93.43	5.725	
16,100.0	10,532.3	15,863.7	10,317.9	48.7	46.2	-66.35	5,715.8	52.0	534.9	440.8	94.06	5.687	
16,150.0	10,532.5	15,913.7	10,318.0	49.0	46.5	-66.35	5,765.8	51.9	534.9	440.2	94.77	5.645	
16,200.0	10,532.7	15,963.7	10,318.1	49.4	46.9	-66.34	5,815.8	51.8	534.9	439.5	95.47	5.603	
16,245.0	10,532.8	16,008.7	10,318.2	49.7	47.2	-66.34	5,860.8	51.7	535.0	438.9	96.11	5.566	
16,300.0	10,533.0	16,063.7	10,318.4	50.0	47.6	-66.33	5,915.8	51.5	535.0	438.1	96.89	5.522	
16,340.0	10,533.2	16,103.7	10,318.5	50.3	47.9	-66.33	5,955.8	51.5	535.0	437.5	97.46	5.490	
16,400.0	10,533.4	16,163.7	10,318.7	50.7	48.3	-66.33	6,015.8	51.3	535.0	436.7	98.31	5.442	
16,435.0	10,533.5	16,198.7	10,318.7	50.9	48.6	-66.32	6,050.8	51.2	535.0	436.2	98.80	5.415	
16,500.0	10,533.7	16,263.7	10,318.9	51.4	49.1	-66.32	6,115.8	51.1	535.1	435.3	99.73	5.365	
16,530.0	10,533.8	16,293.7	10,319.0	51.6	49.3	-66.32	6,145.8	51.0	535.1	434.9	100.16	5.342	
16,600.0	10,534.1	16,363.7	10,319.2	52.1	49.8	-66.31	6,215.8	50.9	535.1	433.9	101.15	5.290	
16,625.0	10,534.2	16,388.7	10,319.3	52.2	50.0	-66.31	6,240.8	50.8	535.1	433.6	101.51	5.271	
16,700.0	10,534.4	16,463.7	10,319.5	52.7	50.6	-66.30	6,315.8	50.6	535.1	432.5	102.58	5.217	
16,720.0	10,534.5	16,483.7	10,319.5	52.9	50.7	-66.30	6,335.8	50.6	535.1	432.3	102.87	5.202	
16,800.0	10,534.8	16,563.7	10,319.7	53.4	51.3	-66.29	6,415.8	50.4	535.2	431.1	104.01	5.145	
16,815.0	10,534.8	16,578.7	10,319.8	53.5	51.4	-66.29	6,430.8	50.4	535.2	430.9	104.23	5.135	
16,900.0	10,535.1	16,663.7	10,320.0	54.1	52.0	-66.28	6,515.8	50.2	535.2	429.7	105.44	5.076	
16,910.0	10,535.2	16,673.7	10,320.0	54.2	52.1	-66.28	6,525.8	50.2	535.2	429.6	105.59	5.069	
17,000.0	10,535.5	16,763.7	10,320.2	54.8	52.8	-66.28	6,615.8	50.0	535.2	428.3	106.88	5.008	
17,005.0	10,535.5	16,768.7	10,320.3	54.8	52.8	-66.28	6,620.8	49.9	535.2	428.3	106.95	5.004	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,100.0	10,535.8	16,863.7	10,320.5	55.5	53.5	-66.27	6,715.8	49.7	535.3	426.9	108.32	4.941	
17,195.0	10,536.2	16,958.7	10,320.8	56.1	54.2	-66.26	6,810.8	49.5	535.3	425.6	109.69	4.880	
17,200.0	10,536.2	16,963.7	10,320.8	56.2	54.2	-66.26	6,815.8	49.5	535.3	425.5	109.76	4.877	
17,290.0	10,536.5	17,053.7	10,321.0	56.8	54.9	-66.25	6,905.8	49.3	535.3	424.3	111.06	4.820	
17,300.0	10,536.5	17,063.7	10,321.0	56.8	55.0	-66.25	6,915.8	49.3	535.3	424.1	111.21	4.814	
17,385.0	10,536.8	17,148.7	10,321.3	57.4	55.6	-66.24	7,000.8	49.1	535.4	422.9	112.43	4.761	
17,400.0	10,536.9	17,163.7	10,321.3	57.5	55.7	-66.24	7,015.8	49.0	535.4	422.7	112.65	4.752	
17,480.0	10,537.2	17,243.7	10,321.5	58.1	56.3	-66.24	7,095.8	48.9	535.4	421.6	113.81	4.704	
17,500.0	10,537.2	17,263.7	10,321.6	58.2	56.5	-66.23	7,115.8	48.8	535.4	421.3	114.10	4.692	
17,575.0	10,537.5	17,338.7	10,321.8	58.8	57.0	-66.23	7,190.8	48.7	535.4	420.2	115.19	4.648	
17,600.0	10,537.6	17,363.7	10,321.8	58.9	57.2	-66.23	7,215.8	48.6	535.4	419.9	115.55	4.634	
17,670.0	10,537.8	17,433.7	10,322.0	59.4	57.7	-66.22	7,285.8	48.4	535.5	418.9	116.57	4.594	
17,700.0	10,537.9	17,463.7	10,322.1	59.6	58.0	-66.22	7,315.8	48.4	535.5	418.5	117.00	4.576	
17,765.0	10,538.2	17,528.7	10,322.3	60.1	58.4	-66.21	7,380.8	48.2	535.5	417.5	117.95	4.540	
17,800.0	10,538.3	17,563.7	10,322.4	60.3	58.7	-66.21	7,415.8	48.1	535.5	417.0	118.46	4.521	
17,860.0	10,538.5	17,623.7	10,322.5	60.7	59.1	-66.20	7,475.8	48.0	535.5	416.2	119.33	4.488	
17,900.0	10,538.6	17,663.7	10,322.6	61.0	59.4	-66.20	7,515.8	47.9	535.5	415.6	119.91	4.466	
17,955.0	10,538.8	17,718.7	10,322.8	61.4	59.8	-66.20	7,570.8	47.8	535.6	414.8	120.72	4.436	
18,000.0	10,539.0	17,763.7	10,322.9	61.7	60.2	-66.19	7,615.8	47.7	535.6	414.2	121.37	4.413	
18,050.0	10,539.2	17,813.7	10,323.0	62.1	60.6	-66.19	7,665.8	47.6	535.6	413.5	122.10	4.386	
18,100.0	10,539.3	17,863.7	10,323.2	62.4	60.9	-66.18	7,715.8	47.5	535.6	412.8	122.83	4.360	
18,145.0	10,539.5	17,908.7	10,323.3	62.8	61.3	-66.18	7,760.8	47.4	535.6	412.1	123.49	4.337	
18,200.0	10,539.7	17,963.7	10,323.4	63.1	61.7	-66.18	7,815.8	47.2	535.6	411.3	124.30	4.309	
18,240.0	10,539.8	18,003.7	10,323.5	63.4	62.0	-66.17	7,855.8	47.1	535.6	410.8	124.88	4.289	
18,300.0	10,540.0	18,063.7	10,323.7	63.8	62.4	-66.17	7,915.8	47.0	535.7	409.9	125.76	4.259	
18,335.0	10,540.2	18,098.7	10,323.8	64.1	62.7	-66.16	7,950.8	46.9	535.7	409.4	126.27	4.242	
18,400.0	10,540.4	18,163.7	10,324.0	64.6	63.2	-66.16	8,015.8	46.8	535.7	408.5	127.23	4.211	
18,430.0	10,540.5	18,193.7	10,324.0	64.8	63.4	-66.16	8,045.8	46.7	535.7	408.0	127.67	4.196	
18,500.0	10,540.7	18,263.7	10,324.2	65.3	63.9	-66.15	8,115.8	46.6	535.7	407.0	128.69	4.163	
18,525.0	10,540.8	18,288.7	10,324.3	65.4	64.1	-66.15	8,140.8	46.5	535.7	406.7	129.06	4.151	
18,600.0	10,541.1	18,363.7	10,324.5	66.0	64.7	-66.14	8,215.8	46.3	535.8	405.6	130.16	4.116	
18,620.0	10,541.2	18,383.7	10,324.5	66.1	64.8	-66.14	8,235.8	46.3	535.8	405.3	130.45	4.107	
18,700.0	10,541.4	18,463.7	10,324.8	66.7	65.4	-66.13	8,315.8	46.1	535.8	404.2	131.63	4.071	
18,715.0	10,541.5	18,478.7	10,324.8	66.8	65.5	-66.13	8,330.8	46.1	535.8	404.0	131.85	4.064	
18,800.0	10,541.8	18,563.7	10,325.0	67.4	66.1	-66.12	8,415.8	45.9	535.8	402.7	133.10	4.026	
18,810.0	10,541.8	18,573.7	10,325.0	67.5	66.2	-66.12	8,425.8	45.9	535.8	402.6	133.25	4.021	
18,900.0	10,542.1	18,663.7	10,325.3	68.1	66.9	-66.12	8,515.8	45.6	535.9	401.3	134.58	3.982	
18,905.0	10,542.2	18,668.7	10,325.3	68.2	66.9	-66.12	8,520.8	45.6	535.9	401.2	134.65	3.980	
19,000.0	10,542.5	18,763.7	10,325.5	68.8	67.6	-66.11	8,615.8	45.4	535.9	399.9	136.05	3.939	
19,095.0	10,542.8	18,858.7	10,325.8	69.5	68.4	-66.10	8,710.8	45.2	535.9	398.5	137.45	3.899	
19,100.0	10,542.8	18,863.7	10,325.8	69.5	68.4	-66.10	8,715.8	45.2	535.9	398.4	137.52	3.897	
19,190.0	10,543.2	18,953.7	10,326.1	70.2	69.1	-66.09	8,805.8	45.0	536.0	397.1	138.85	3.860	
19,200.0	10,543.2	18,963.7	10,326.1	70.3	69.1	-66.09	8,815.8	45.0	536.0	397.0	139.00	3.856	
19,285.0	10,543.5	19,048.7	10,326.3	70.9	69.8	-66.08	8,900.8	44.8	536.0	395.8	140.26	3.822	
19,300.0	10,543.5	19,063.7	10,326.3	71.0	69.9	-66.08	8,915.8	44.7	536.0	395.5	140.48	3.816	
19,380.0	10,543.8	19,143.7	10,326.6	71.6	70.5	-66.08	8,995.8	44.6	536.0	394.4	141.66	3.784	
19,400.0	10,543.9	19,163.7	10,326.6	71.7	70.6	-66.07	9,015.8	44.5	536.1	394.1	141.96	3.776	
19,475.0	10,544.2	19,238.7	10,326.8	72.2	71.2	-66.07	9,090.8	44.3	536.1	393.0	143.07	3.747	
19,500.0	10,544.2	19,263.7	10,326.9	72.4	71.4	-66.07	9,115.8	44.3	536.1	392.6	143.44	3.737	
19,570.0	10,544.5	19,333.7	10,327.1	72.9	71.9	-66.06	9,185.8	44.1	536.1	391.6	144.48	3.711	
19,600.0	10,544.6	19,363.7	10,327.1	73.1	72.1	-66.06	9,215.8	44.1	536.1	391.2	144.92	3.699	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,665.0	10,544.8	19,428.7	10,327.3	73.6	72.6	-66.05	9,280.8	43.9	536.1	390.3	145.88	3.675	
19,700.0	10,545.0	19,463.7	10,327.4	73.9	72.9	-66.05	9,315.8	43.8	536.2	389.8	146.40	3.662	
19,760.0	10,545.2	19,523.7	10,327.6	74.3	73.3	-66.04	9,375.8	43.7	536.2	388.9	147.29	3.640	
19,800.0	10,545.3	19,563.7	10,327.7	74.6	73.6	-66.04	9,415.8	43.6	536.2	388.3	147.89	3.626	
19,855.0	10,545.5	19,618.7	10,327.8	75.0	74.1	-66.04	9,470.8	43.5	536.2	387.5	148.70	3.606	
19,900.0	10,545.7	19,663.7	10,327.9	75.3	74.4	-66.03	9,515.8	43.4	536.2	386.9	149.37	3.590	
19,950.0	10,545.8	19,713.7	10,328.1	75.7	74.8	-66.03	9,565.8	43.3	536.2	386.1	150.11	3.572	
20,000.0	10,546.0	19,763.7	10,328.2	76.0	75.1	-66.02	9,615.8	43.2	536.3	385.4	150.86	3.555	
20,045.0	10,546.2	19,808.7	10,328.3	76.4	75.5	-66.02	9,660.8	43.1	536.3	384.8	151.52	3.539	
20,100.0	10,546.4	19,863.7	10,328.5	76.8	75.9	-66.02	9,715.8	42.9	536.3	384.0	152.34	3.520	
20,140.0	10,546.5	19,903.7	10,328.6	77.0	76.2	-66.01	9,755.8	42.8	536.3	383.4	152.94	3.507	
20,200.0	10,546.7	19,963.7	10,328.7	77.5	76.6	-66.01	9,815.8	42.7	536.3	382.5	153.83	3.487	
20,235.0	10,546.8	19,998.7	10,328.8	77.7	76.9	-66.00	9,850.8	42.6	536.3	382.0	154.35	3.475	
20,300.0	10,547.1	20,063.7	10,329.0	78.2	77.4	-66.00	9,915.8	42.5	536.4	381.0	155.32	3.453	
20,330.0	10,547.2	20,093.7	10,329.1	78.4	77.6	-66.00	9,945.8	42.4	536.4	380.6	155.76	3.443	
20,400.0	10,547.4	20,163.7	10,329.3	78.9	78.2	-65.99	10,015.8	42.2	536.4	379.6	156.81	3.421	
20,425.0	10,547.5	20,188.7	10,329.3	79.1	78.3	-65.99	10,040.8	42.2	536.4	379.2	157.18	3.413	
20,500.0	10,547.8	20,263.7	10,329.5	79.7	78.9	-65.98	10,115.8	42.0	536.4	378.1	158.30	3.389	
20,520.0	10,547.8	20,283.7	10,329.6	79.8	79.1	-65.98	10,135.8	42.0	536.4	377.8	158.59	3.382	
20,600.0	10,548.1	20,363.7	10,329.8	80.4	79.7	-65.97	10,215.8	41.8	536.5	376.7	159.79	3.357	
20,615.0	10,548.2	20,378.7	10,329.8	80.5	79.8	-65.97	10,230.8	41.8	536.5	376.5	160.01	3.353	
20,700.0	10,548.5	20,463.7	10,330.1	81.1	80.4	-65.97	10,315.8	41.6	536.5	375.2	161.28	3.327	
20,710.0	10,548.5	20,473.7	10,330.1	81.2	80.5	-65.97	10,325.8	41.5	536.5	375.1	161.43	3.324	
20,800.0	10,548.8	20,563.7	10,330.3	81.8	81.2	-65.96	10,415.8	41.3	536.5	373.8	162.77	3.296	
20,805.0	10,548.8	20,568.7	10,330.3	81.9	81.2	-65.96	10,420.8	41.3	536.5	373.7	162.85	3.295	
20,900.0	10,549.2	20,663.7	10,330.6	82.6	81.9	-65.95	10,515.8	41.1	536.6	372.3	164.26	3.267	
20,995.0	10,549.5	20,758.7	10,330.8	83.3	82.6	-65.94	10,610.8	40.9	536.6	370.9	165.68	3.239	
21,000.0	10,549.5	20,763.7	10,330.8	83.3	82.7	-65.94	10,615.8	40.9	536.6	370.8	165.76	3.237	
21,090.0	10,549.8	20,853.7	10,331.1	84.0	83.3	-65.93	10,705.8	40.7	536.6	369.5	167.10	3.211	
21,100.0	10,549.9	20,863.7	10,331.1	84.0	83.4	-65.93	10,715.8	40.7	536.6	369.4	167.25	3.209	
21,185.0	10,550.2	20,948.7	10,331.3	84.7	84.1	-65.93	10,800.8	40.5	536.7	368.1	168.52	3.185	
21,200.0	10,550.2	20,963.7	10,331.4	84.8	84.2	-65.92	10,815.8	40.4	536.7	367.9	168.75	3.180	
21,280.0	10,550.5	21,043.7	10,331.6	85.4	84.8	-65.92	10,895.8	40.3	536.7	366.8	169.94	3.158	
21,300.0	10,550.6	21,063.7	10,331.6	85.5	84.9	-65.92	10,915.8	40.2	536.7	366.5	170.24	3.153	
21,375.0	10,550.8	21,138.7	10,331.8	86.1	85.5	-65.91	10,990.8	40.0	536.7	365.4	171.37	3.132	
21,400.0	10,550.9	21,163.7	10,331.9	86.2	85.7	-65.91	11,015.8	40.0	536.7	365.0	171.74	3.125	
21,470.0	10,551.2	21,233.7	10,332.1	86.8	86.2	-65.90	11,085.8	39.8	536.8	364.0	172.79	3.107	
21,500.0	10,551.3	21,263.7	10,332.2	87.0	86.4	-65.90	11,115.8	39.8	536.8	363.5	173.24	3.099	
21,565.0	10,551.5	21,328.7	10,332.3	87.4	86.9	-65.89	11,180.8	39.6	536.8	362.6	174.21	3.081	
21,600.0	10,551.6	21,363.7	10,332.4	87.7	87.2	-65.89	11,215.8	39.5	536.8	362.1	174.74	3.072	
21,660.0	10,551.8	21,423.7	10,332.6	88.1	87.6	-65.89	11,275.8	39.4	536.8	361.2	175.63	3.057	
21,700.0	10,552.0	21,463.7	10,332.7	88.4	87.9	-65.88	11,315.8	39.3	536.9	360.6	176.23	3.046	
21,755.0	10,552.2	21,518.7	10,332.8	88.8	88.4	-65.88	11,370.8	39.2	536.9	359.8	177.06	3.032	
21,800.0	10,552.3	21,563.7	10,333.0	89.2	88.7	-65.87	11,415.8	39.1	536.9	359.2	177.73	3.021	
21,850.0	10,552.5	21,613.7	10,333.1	89.5	89.1	-65.87	11,465.8	39.0	536.9	358.4	178.48	3.008	
21,900.0	10,552.7	21,663.7	10,333.2	89.9	89.5	-65.87	11,515.8	38.8	536.9	357.7	179.23	2.996	
21,945.0	10,552.8	21,708.7	10,333.4	90.2	89.8	-65.86	11,560.8	38.7	536.9	357.0	179.91	2.985	
22,000.0	10,553.0	21,763.7	10,333.5	90.6	90.2	-65.86	11,615.8	38.6	537.0	356.2	180.73	2.971	
22,040.0	10,553.2	21,803.7	10,333.6	90.9	90.5	-65.85	11,655.8	38.5	537.0	355.6	181.33	2.961	
22,100.0	10,553.4	21,863.7	10,333.8	91.4	91.0	-65.85	11,715.8	38.4	537.0	354.8	182.23	2.947	
22,135.0	10,553.5	21,898.7	10,333.9	91.6	91.2	-65.85	11,750.8	38.3	537.0	354.2	182.76	2.938	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #909H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9736-r.5 MWD+IFR1+MS **Rule Assigned:** **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
22,200.0	10,553.7	21,963.7	10,334.0	92.1	91.7	-65.84	11,815.8	38.2	537.0	353.3	183.73	2.923	
22,230.0	10,553.8	21,993.7	10,334.1	92.3	91.9	-65.84	11,845.8	38.1	537.0	352.9	184.19	2.916	
22,300.0	10,554.1	22,063.7	10,334.3	92.9	92.5	-65.83	11,915.8	37.9	537.1	351.8	185.24	2.899	
22,325.0	10,554.2	22,088.7	10,334.4	93.0	92.7	-65.83	11,940.8	37.9	537.1	351.5	185.61	2.894	
22,400.0	10,554.4	22,163.7	10,334.6	93.6	93.2	-65.82	12,015.8	37.7	537.1	350.4	186.74	2.876	
22,420.0	10,554.5	22,183.7	10,334.6	93.7	93.4	-65.82	12,035.8	37.7	537.1	350.1	187.04	2.872	
22,436.1	10,554.5	22,199.8	10,334.7	93.9	93.5	-65.82	12,051.8	37.6	537.1	349.8	187.28	2.868	
22,500.0	10,554.8	22,263.7	10,334.8	94.3	94.0	-65.82	12,115.8	37.5	537.1	348.9	188.24	2.853	
22,515.0	10,554.8	22,278.7	10,334.9	94.4	94.1	-65.81	12,130.8	37.5	537.1	348.7	188.46	2.850	
22,566.0	10,555.0	22,329.7	10,335.0	94.8	94.5	-65.81	12,181.8	37.3	537.2	347.9	189.23	2.839	
22,566.5	10,555.0	22,330.0	10,335.0	94.8	94.5	-65.81	12,182.1	37.3	537.2	347.9	189.24	2.839	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.6	0.6	3.0	3.0	-90.15	-0.2	-60.2	60.2				
95.0	95.0	95.6	95.6	3.0	3.0	-90.15	-0.2	-60.2	60.2	54.1	6.04	9.970	
100.0	100.0	100.6	100.6	3.0	3.0	-90.15	-0.2	-60.2	60.2	54.1	6.04	9.962	
190.0	190.0	190.6	190.6	3.1	3.1	-90.15	-0.2	-60.2	60.2	53.9	6.25	9.624	
200.0	200.0	200.6	200.6	3.1	3.1	-90.15	-0.2	-60.2	60.2	53.9	6.29	9.572	
285.0	285.0	285.6	285.6	3.3	3.3	-90.15	-0.2	-60.2	60.2	53.7	6.48	9.282	
300.0	300.0	300.6	300.6	3.3	3.3	-90.15	-0.2	-60.2	60.2	53.7	6.52	9.226	
380.0	380.0	380.6	380.6	3.4	3.4	-90.15	-0.2	-60.2	60.2	53.5	6.70	8.979	
400.0	400.0	400.6	400.6	3.4	3.4	-90.15	-0.2	-60.2	60.2	53.4	6.75	8.914	
475.0	475.0	475.6	475.6	3.5	3.5	-90.15	-0.2	-60.2	60.2	53.3	6.91	8.704	
500.0	500.0	500.6	500.6	3.5	3.5	-90.15	-0.2	-60.2	60.2	53.2	6.97	8.632	
570.0	570.0	570.6	570.6	3.6	3.6	-90.15	-0.2	-60.2	60.2	53.1	7.12	8.453	
600.0	600.0	600.6	600.6	3.6	3.6	-90.15	-0.2	-60.2	60.2	53.0	7.19	8.376	
665.0	665.0	665.6	665.6	3.7	3.7	-90.15	-0.2	-60.2	60.2	52.9	7.32	8.223	
700.0	700.0	700.6	700.6	3.8	3.8	-90.15	-0.2	-60.2	60.2	52.8	7.39	8.141	
760.0	760.0	760.6	760.6	3.8	3.8	-90.15	-0.2	-60.2	60.2	52.7	7.51	8.011	
800.0	800.0	800.6	800.6	3.9	3.9	-90.15	-0.2	-60.2	60.2	52.6	7.59	7.924	
855.0	855.0	855.6	855.6	4.0	4.0	-90.15	-0.2	-60.2	60.2	52.5	7.70	7.814	
900.0	900.0	900.6	900.6	4.0	4.0	-90.15	-0.2	-60.2	60.2	52.4	7.79	7.724	
950.0	950.0	950.6	950.6	4.1	4.1	-90.15	-0.2	-60.2	60.2	52.3	7.89	7.631	
1,000.0	1,000.0	1,000.6	1,000.6	4.1	4.1	-90.15	-0.2	-60.2	60.2	52.2	7.98	7.539	
1,045.0	1,045.0	1,045.6	1,045.6	4.2	4.2	-90.15	-0.2	-60.2	60.2	52.1	8.07	7.461	
1,100.0	1,100.0	1,100.6	1,100.6	4.2	4.2	-90.15	-0.2	-60.2	60.2	52.0	8.17	7.366	
1,140.0	1,140.0	1,140.6	1,140.6	4.3	4.3	-90.15	-0.2	-60.2	60.2	51.9	8.24	7.301	
1,200.0	1,200.0	1,200.6	1,200.6	4.4	4.4	-90.15	-0.2	-60.2	60.2	51.8	8.35	7.205	
1,235.0	1,235.0	1,235.6	1,235.6	4.4	4.4	-90.15	-0.2	-60.2	60.2	51.8	8.42	7.151	
1,300.0	1,300.0	1,300.6	1,300.6	4.5	4.5	-90.15	-0.2	-60.2	60.2	51.6	8.53	7.053	
1,330.0	1,330.0	1,330.6	1,330.6	4.5	4.5	-90.15	-0.2	-60.2	60.2	51.6	8.58	7.010	
1,400.0	1,400.0	1,400.6	1,400.6	4.6	4.6	-90.15	-0.2	-60.2	60.2	51.5	8.71	6.911	
1,425.0	1,425.0	1,425.6	1,425.6	4.6	4.6	-90.15	-0.2	-60.2	60.2	51.4	8.75	6.877	
1,437.3	1,437.3	1,437.9	1,437.9	4.6	4.6	-90.15	-0.2	-60.2	60.2	51.4	8.77	6.861	CC
1,500.0	1,500.0	1,500.0	1,500.0	4.7	4.7	-90.15	-0.2	-60.2	60.2	51.3	8.88	6.778	ES
1,520.0	1,520.0	1,520.2	1,520.2	4.7	4.7	171.39	-0.2	-60.2	60.3	51.4	8.95	6.736	
1,600.0	1,600.0	1,598.5	1,598.5	4.8	4.8	171.27	-0.6	-61.8	63.6	54.3	9.25	6.872	
1,615.0	1,615.0	1,613.1	1,613.1	4.8	4.8	171.23	-0.7	-62.4	64.7	55.4	9.33	6.932	
1,700.0	1,699.8	1,695.7	1,695.5	5.0	5.0	170.96	-1.7	-66.7	73.7	64.0	9.79	7.535	
1,710.0	1,709.8	1,705.3	1,705.2	5.0	5.0	170.92	-1.9	-67.3	75.1	65.3	9.84	7.634	
1,800.0	1,799.5	1,791.6	1,791.1	5.2	5.2	170.59	-3.6	-74.6	90.6	80.2	10.34	8.764	
1,805.0	1,804.4	1,796.3	1,795.8	5.2	5.2	170.57	-3.7	-75.1	91.6	81.2	10.36	8.845	
1,850.0	1,849.2	1,840.2	1,839.4	5.3	5.3	170.44	-4.8	-79.5	101.2	90.7	10.52	9.619	
1,900.0	1,898.8	1,888.9	1,887.9	5.4	5.4	170.38	-5.9	-84.5	112.2	101.5	10.70	10.489	
1,995.0	1,993.0	1,981.6	1,980.0	5.6	5.6	170.30	-8.2	-93.9	133.2	122.1	11.14	11.956	
2,000.0	1,998.0	1,986.5	1,984.9	5.6	5.7	170.30	-8.3	-94.4	134.3	123.2	11.17	12.030	
2,090.0	2,087.3	2,074.2	2,072.2	5.9	5.9	170.24	-10.4	-103.3	154.2	142.6	11.62	13.274	
2,100.0	2,097.3	2,084.0	2,081.9	5.9	5.9	170.24	-10.7	-104.3	156.4	144.8	11.67	13.406	
2,185.0	2,181.6	2,166.9	2,164.3	6.1	6.1	170.20	-12.7	-112.8	175.2	163.1	12.12	14.454	
2,200.0	2,196.5	2,181.5	2,178.9	6.2	6.2	170.19	-13.0	-114.2	178.5	166.3	12.20	14.630	
2,280.0	2,275.9	2,259.5	2,256.5	6.4	6.4	170.16	-14.9	-122.2	196.2	183.6	12.65	15.509	
2,300.0	2,295.8	2,279.0	2,275.9	6.5	6.4	170.16	-15.4	-124.2	200.6	187.9	12.76	15.717	
2,375.0	2,370.2	2,352.2	2,348.6	6.7	6.6	170.13	-17.1	-131.6	217.2	204.0	13.20	16.451	
2,400.0	2,395.0	2,376.6	2,372.9	6.8	6.7	170.13	-17.7	-134.1	222.7	209.4	13.35	16.683	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,470.0	2,464.5	2,444.8	2,440.8	7.0	6.9	170.11	-19.4	-141.0	238.2	224.4	13.77	17.293	
2,500.0	2,494.3	2,474.1	2,469.9	7.1	7.0	170.11	-20.1	-144.0	244.8	230.9	13.96	17.541	
2,565.0	2,558.8	2,537.5	2,532.9	7.3	7.2	170.09	-21.6	-150.4	259.2	244.8	14.36	18.046	
2,600.0	2,593.5	2,571.6	2,566.9	7.4	7.3	170.09	-22.4	-153.9	266.9	252.3	14.58	18.304	
2,660.0	2,653.1	2,630.1	2,625.1	7.6	7.5	170.08	-23.9	-159.9	280.2	265.2	14.97	18.721	
2,700.0	2,692.8	2,669.2	2,663.9	7.8	7.6	170.07	-24.8	-163.8	289.0	273.8	15.22	18.984	
2,755.0	2,747.4	2,722.8	2,717.2	7.9	7.8	170.06	-26.1	-169.3	301.2	285.6	15.58	19.326	
2,800.0	2,792.0	2,766.7	2,760.8	8.1	8.0	170.06	-27.2	-173.7	311.1	295.2	15.88	19.592	
2,850.0	2,841.7	2,815.5	2,809.3	8.3	8.1	170.05	-28.3	-178.7	322.2	305.9	16.21	19.871	
2,900.0	2,891.3	2,864.2	2,857.8	8.5	8.3	170.04	-29.5	-183.7	333.2	316.7	16.55	20.136	
2,945.0	2,936.0	2,908.1	2,901.5	8.6	8.4	170.04	-30.6	-188.1	343.1	326.3	16.85	20.362	
3,000.0	2,990.6	2,961.7	2,954.8	8.8	8.6	170.03	-31.9	-193.6	355.3	338.1	17.23	20.625	
3,040.0	3,030.3	3,000.8	2,993.6	9.0	8.8	170.03	-32.8	-197.5	364.1	346.6	17.50	20.806	
3,100.0	3,089.8	3,059.3	3,051.8	9.2	9.0	170.02	-34.2	-203.5	377.4	359.5	17.92	21.065	
3,135.0	3,124.5	3,093.4	3,085.8	9.3	9.1	170.02	-35.1	-207.0	385.1	367.0	18.16	21.208	
3,200.0	3,189.1	3,156.8	3,148.8	9.6	9.3	170.01	-36.6	-213.4	399.5	380.9	18.61	21.462	
3,230.0	3,218.8	3,186.1	3,177.9	9.7	9.4	170.01	-37.3	-216.4	406.1	387.3	18.82	21.574	
3,300.0	3,288.3	3,254.3	3,245.8	9.9	9.7	170.01	-39.0	-223.3	421.6	402.3	19.32	21.822	
3,325.0	3,313.1	3,278.7	3,270.1	10.0	9.7	170.01	-39.5	-225.8	427.1	407.6	19.50	21.906	
3,400.0	3,387.6	3,351.9	3,342.8	10.3	10.0	170.00	-41.3	-233.2	443.7	423.6	20.03	22.149	
3,420.0	3,407.4	3,371.4	3,362.2	10.4	10.1	170.00	-41.8	-235.2	448.1	427.9	20.18	22.210	
3,500.0	3,486.8	3,449.4	3,439.8	10.7	10.4	169.99	-43.7	-243.2	465.8	445.0	20.75	22.446	
3,515.0	3,501.7	3,464.0	3,454.4	10.7	10.4	169.99	-44.0	-244.6	469.1	448.2	20.86	22.488	
3,600.0	3,586.1	3,546.9	3,536.8	11.1	10.7	169.99	-46.0	-253.1	487.9	466.4	21.48	22.718	
3,610.0	3,596.0	3,556.7	3,546.5	11.1	10.8	169.99	-46.3	-254.1	490.1	468.5	21.55	22.743	
3,700.0	3,685.3	3,644.4	3,633.8	11.5	11.1	169.98	-48.4	-263.0	510.0	487.8	22.21	22.966	
3,705.0	3,690.3	3,649.3	3,638.6	11.5	11.1	169.98	-48.5	-263.5	511.1	488.8	22.24	22.978	
3,800.0	3,784.6	3,742.0	3,730.8	11.8	11.4	169.98	-50.7	-272.9	532.1	509.1	22.94	23.194	
3,895.0	3,878.9	3,834.6	3,822.9	12.2	11.8	169.97	-53.0	-282.3	553.1	529.4	23.64	23.394	
3,900.0	3,883.8	3,839.5	3,827.8	12.2	11.8	169.97	-53.1	-282.8	554.2	530.5	23.68	23.404	
3,990.0	3,973.2	3,927.3	3,915.1	12.6	12.1	169.97	-55.2	-291.7	574.0	549.7	24.35	23.579	
4,000.0	3,983.1	3,937.0	3,924.8	12.6	12.2	169.97	-55.5	-292.7	576.3	551.8	24.42	23.598	
4,085.0	4,067.5	4,019.9	4,007.2	13.0	12.5	169.97	-57.5	-301.2	595.0	570.0	25.05	23.750	
4,100.0	4,082.4	4,034.6	4,021.8	13.0	12.5	169.97	-57.8	-302.7	598.4	573.2	25.17	23.776	
4,180.0	4,161.8	4,112.6	4,099.4	13.3	12.8	169.96	-59.7	-310.6	616.0	590.3	25.76	23.910	
4,200.0	4,181.6	4,132.1	4,118.8	13.4	12.9	169.96	-60.2	-312.6	620.4	594.5	25.91	23.942	
4,275.0	4,256.0	4,205.2	4,191.5	13.7	13.2	169.96	-61.9	-320.0	637.0	610.5	26.48	24.058	
4,300.0	4,280.9	4,229.6	4,215.8	13.8	13.3	169.96	-62.5	-322.5	642.5	615.9	26.67	24.095	
4,370.0	4,350.3	4,297.9	4,283.7	14.1	13.5	169.96	-64.2	-329.4	658.0	630.8	27.19	24.196	
4,400.0	4,380.1	4,327.1	4,312.8	14.2	13.7	169.96	-64.9	-332.4	664.6	637.2	27.42	24.238	
4,465.0	4,444.6	4,390.5	4,375.8	14.5	13.9	169.96	-66.4	-338.9	679.0	651.1	27.91	24.326	
4,500.0	4,479.4	4,424.7	4,409.7	14.6	14.0	169.95	-67.3	-342.3	686.7	658.6	28.18	24.371	
4,560.0	4,538.9	4,483.2	4,467.9	14.9	14.3	169.95	-68.7	-348.3	700.0	671.4	28.63	24.447	
4,600.0	4,578.6	4,522.2	4,506.7	15.0	14.4	169.95	-69.6	-352.2	708.8	679.9	28.94	24.495	
4,655.0	4,633.2	4,575.8	4,560.1	15.2	14.6	169.95	-70.9	-357.7	721.0	691.6	29.36	24.560	
4,700.0	4,677.9	4,619.7	4,603.7	15.4	14.8	169.95	-72.0	-362.2	730.9	701.2	29.70	24.611	
4,750.0	4,727.5	4,668.5	4,652.2	15.6	15.0	169.95	-73.1	-367.1	742.0	711.9	30.08	24.666	
4,800.0	4,777.1	4,717.3	4,700.7	15.8	15.2	169.95	-74.3	-372.1	753.0	722.6	30.46	24.720	
4,845.0	4,821.8	4,761.1	4,744.4	16.0	15.3	169.95	-75.4	-376.5	763.0	732.2	30.81	24.766	
4,900.0	4,876.4	4,814.8	4,797.7	16.2	15.5	169.95	-76.7	-382.0	775.1	743.9	31.23	24.822	
4,940.0	4,916.1	4,853.8	4,836.5	16.4	15.7	169.94	-77.6	-386.0	784.0	752.4	31.53	24.861	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,975.6	4,912.3	4,894.7	16.6	15.9	169.94	-79.0	-391.9	797.2	765.2	31.99	24.921	
5,035.0	5,010.4	4,948.1	4,930.3	16.8	16.0	169.94	-79.9	-395.5	804.9	772.7	32.26	24.951	
5,100.0	5,074.9	5,021.9	5,003.7	17.0	16.3	169.95	-81.5	-402.4	818.8	785.9	32.82	24.948	
5,130.0	5,104.7	5,056.0	5,037.8	17.2	16.4	169.96	-82.2	-405.3	824.9	791.8	33.08	24.937	
5,200.0	5,174.2	5,136.1	5,117.6	17.4	16.7	169.99	-83.6	-411.3	838.5	804.8	33.68	24.899	
5,225.0	5,199.0	5,164.7	5,146.2	17.5	16.8	170.00	-84.1	-413.1	843.1	809.2	33.89	24.881	
5,300.0	5,273.4	5,251.1	5,232.4	17.8	17.1	170.06	-85.2	-417.9	856.3	821.8	34.50	24.817	
5,320.0	5,293.3	5,274.2	5,255.5	17.9	17.2	170.08	-85.5	-419.0	859.6	824.9	34.67	24.797	
5,400.0	5,372.7	5,366.9	5,348.1	18.2	17.5	170.16	-86.3	-422.4	872.1	836.8	35.29	24.711	
5,415.0	5,387.6	5,384.4	5,365.6	18.3	17.5	170.17	-86.4	-422.9	874.3	838.9	35.41	24.692	
5,500.0	5,471.9	5,483.4	5,464.6	18.7	17.8	170.28	-86.8	-424.6	886.0	850.0	36.02	24.597	
5,510.0	5,481.8	5,495.1	5,476.3	18.7	17.8	170.30	-86.8	-424.7	887.3	851.2	36.09	24.585	
5,600.0	5,571.2	5,590.6	5,571.8	19.1	17.9	170.42	-86.9	-424.8	898.2	861.7	36.51	24.599	
5,605.0	5,576.1	5,595.6	5,576.7	19.1	17.9	170.43	-86.9	-424.8	898.8	862.3	36.54	24.601	
5,700.0	5,670.4	5,689.8	5,671.0	19.5	17.9	170.55	-86.9	-424.8	910.2	873.3	36.95	24.631	
5,795.0	5,764.7	5,784.1	5,765.3	19.9	18.0	170.67	-86.9	-424.8	921.7	884.3	37.37	24.660	
5,800.0	5,769.7	5,789.1	5,770.3	19.9	18.0	170.67	-86.9	-424.8	922.3	884.9	37.40	24.662	
5,890.0	5,859.0	5,878.4	5,859.6	20.3	18.0	170.78	-86.9	-424.8	933.1	895.3	37.80	24.688	
5,900.0	5,868.9	5,888.4	5,869.5	20.3	18.0	170.80	-86.9	-424.8	934.3	896.5	37.84	24.691	
5,928.9	5,897.7	5,917.1	5,898.3	20.4	18.0	170.83	-86.9	-424.8	937.8	899.8	37.96	24.704	
5,985.0	5,953.3	5,972.8	5,953.9	20.6	18.0	170.90	-86.9	-424.8	944.3	906.1	38.20	24.719	
6,000.0	5,968.2	5,987.7	5,968.8	20.7	18.0	170.92	-86.9	-424.8	945.9	907.6	38.26	24.721	
6,080.0	6,047.8	6,067.2	6,048.4	21.0	18.1	171.01	-86.9	-424.8	954.0	915.4	38.61	24.711	
6,100.0	6,067.7	6,087.1	6,068.3	21.1	18.1	171.03	-86.9	-424.8	955.9	917.2	38.69	24.704	
6,175.0	6,142.5	6,161.9	6,143.1	21.4	18.1	171.10	-86.9	-424.8	962.2	923.2	39.00	24.670	
6,200.0	6,167.4	6,186.8	6,168.0	21.5	18.1	171.12	-86.9	-424.8	964.1	925.0	39.11	24.654	
6,270.0	6,237.2	6,256.6	6,237.8	21.7	18.1	171.18	-86.9	-424.8	968.9	929.5	39.38	24.601	
6,300.0	6,267.2	6,286.6	6,267.8	21.8	18.2	171.19	-86.9	-424.8	970.6	931.1	39.50	24.572	
6,365.0	6,332.1	6,351.5	6,332.7	22.0	18.2	171.23	-86.9	-424.8	974.0	934.2	39.74	24.506	
6,400.0	6,367.0	6,386.5	6,367.6	22.2	18.2	171.25	-86.9	-424.8	975.5	935.6	39.87	24.463	
6,460.0	6,427.0	6,446.4	6,427.6	22.3	18.2	171.27	-86.9	-424.8	977.5	937.4	40.08	24.389	
6,500.0	6,467.0	6,486.4	6,467.6	22.5	18.2	171.28	-86.9	-424.8	978.5	938.3	40.22	24.332	
6,555.0	6,522.0	6,541.4	6,522.6	22.6	18.3	171.29	-86.9	-424.8	979.5	939.1	40.37	24.260	
6,600.0	6,567.0	6,586.4	6,567.6	22.7	18.3	171.29	-86.9	-424.8	979.9	939.4	40.50	24.193	
6,629.0	6,596.0	6,615.4	6,596.6	22.7	18.3	-90.26	-86.9	-424.8	980.0	939.4	40.54	24.171	
6,650.0	6,617.0	6,636.4	6,617.6	22.7	18.3	-90.26	-86.9	-424.8	980.0	939.4	40.56	24.164	
6,700.0	6,667.0	6,686.4	6,667.6	22.7	18.3	-90.26	-86.9	-424.8	980.0	939.4	40.59	24.146	
6,745.0	6,712.0	6,731.4	6,712.6	22.8	18.3	-90.26	-86.9	-424.8	980.0	939.4	40.62	24.127	
6,800.0	6,767.0	6,786.4	6,767.6	22.8	18.4	-90.26	-86.9	-424.8	980.0	939.3	40.66	24.104	
6,840.0	6,807.0	6,826.4	6,807.6	22.8	18.4	-90.26	-86.9	-424.8	980.0	939.3	40.69	24.086	
6,900.0	6,867.0	6,886.4	6,867.6	22.8	18.4	-90.26	-86.9	-424.8	980.0	939.3	40.73	24.061	
6,935.0	6,902.0	6,921.4	6,902.6	22.8	18.4	-90.26	-86.9	-424.8	980.0	939.2	40.75	24.046	
7,000.0	6,967.0	6,986.4	6,967.6	22.8	18.4	-90.26	-86.9	-424.8	980.0	939.2	40.80	24.018	
7,030.0	6,997.0	7,016.4	6,997.6	22.8	18.5	-90.26	-86.9	-424.8	980.0	939.2	40.82	24.005	
7,100.0	7,067.0	7,086.4	7,067.6	22.9	18.5	-90.26	-86.9	-424.8	980.0	939.1	40.88	23.975	
7,125.0	7,092.0	7,111.4	7,092.6	22.9	18.5	-90.26	-86.9	-424.8	980.0	939.1	40.89	23.964	
7,200.0	7,167.0	7,186.4	7,167.6	22.9	18.5	-90.26	-86.9	-424.8	980.0	939.0	40.95	23.931	
7,220.0	7,187.0	7,206.4	7,187.6	22.9	18.5	-90.26	-86.9	-424.8	980.0	939.0	40.96	23.923	
7,300.0	7,267.0	7,286.4	7,267.6	22.9	18.6	-90.26	-86.9	-424.8	980.0	939.0	41.02	23.888	
7,315.0	7,282.0	7,301.4	7,282.6	22.9	18.6	-90.26	-86.9	-424.8	980.0	938.9	41.04	23.881	
7,400.0	7,367.0	7,386.4	7,367.6	23.0	18.6	-90.26	-86.9	-424.8	980.0	938.9	41.10	23.844	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,410.0	7,377.0	7,396.4	7,377.6	23.0	18.6	-90.26	-86.9	-424.8	980.0	938.9	41.11	23.840	
7,500.0	7,467.0	7,486.4	7,467.6	23.0	18.7	-90.26	-86.9	-424.8	980.0	938.8	41.17	23.801	
7,505.0	7,472.0	7,491.4	7,472.6	23.0	18.7	-90.26	-86.9	-424.8	980.0	938.8	41.18	23.798	
7,600.0	7,567.0	7,586.4	7,567.6	23.0	18.7	-90.26	-86.9	-424.8	980.0	938.7	41.25	23.757	
7,695.0	7,662.0	7,681.4	7,662.6	23.1	18.7	-90.26	-86.9	-424.8	980.0	938.7	41.32	23.715	
7,700.0	7,667.0	7,686.4	7,667.6	23.1	18.7	-90.26	-86.9	-424.8	980.0	938.7	41.33	23.713	
7,790.0	7,757.0	7,776.4	7,757.6	23.1	18.8	-90.26	-86.9	-424.8	980.0	938.6	41.40	23.673	
7,800.0	7,767.0	7,786.4	7,767.6	23.1	18.8	-90.26	-86.9	-424.8	980.0	938.6	41.40	23.669	
7,885.0	7,852.0	7,871.4	7,852.6	23.1	18.8	-90.26	-86.9	-424.8	980.0	938.5	41.47	23.631	
7,900.0	7,867.0	7,886.4	7,867.6	23.1	18.8	-90.26	-86.9	-424.8	980.0	938.5	41.48	23.624	
7,980.0	7,947.0	7,966.4	7,947.6	23.2	18.9	-90.26	-86.9	-424.8	980.0	938.4	41.54	23.589	
8,000.0	7,967.0	7,986.4	7,967.6	23.2	18.9	-90.26	-86.9	-424.8	980.0	938.4	41.56	23.580	
8,075.0	8,042.0	8,061.4	8,042.6	23.2	18.9	-90.26	-86.9	-424.8	980.0	938.4	41.62	23.547	
8,100.0	8,067.0	8,086.4	8,067.6	23.2	18.9	-90.26	-86.9	-424.8	980.0	938.3	41.64	23.536	
8,170.0	8,137.0	8,156.4	8,137.6	23.2	18.9	-90.26	-86.9	-424.8	980.0	938.3	41.69	23.505	
8,200.0	8,167.0	8,186.4	8,167.6	23.2	19.0	-90.26	-86.9	-424.8	980.0	938.3	41.72	23.491	
8,265.0	8,232.0	8,251.4	8,232.6	23.2	19.0	-90.26	-86.9	-424.8	980.0	938.2	41.77	23.462	
8,300.0	8,267.0	8,286.4	8,267.6	23.3	19.0	-90.26	-86.9	-424.8	980.0	938.2	41.80	23.447	
8,360.0	8,327.0	8,346.4	8,327.6	23.3	19.0	-90.26	-86.9	-424.8	980.0	938.1	41.84	23.420	
8,400.0	8,367.0	8,386.4	8,367.6	23.3	19.1	-90.26	-86.9	-424.8	980.0	938.1	41.88	23.402	
8,455.0	8,422.0	8,441.4	8,422.6	23.3	19.1	-90.26	-86.9	-424.8	980.0	938.1	41.92	23.377	
8,500.0	8,467.0	8,486.4	8,467.6	23.3	19.1	-90.26	-86.9	-424.8	980.0	938.0	41.96	23.357	
8,550.0	8,517.0	8,536.4	8,517.6	23.3	19.1	-90.26	-86.9	-424.8	980.0	938.0	42.00	23.334	
8,600.0	8,567.0	8,586.4	8,567.6	23.4	19.1	-90.26	-86.9	-424.8	980.0	937.9	42.04	23.312	
8,645.0	8,612.0	8,631.4	8,612.6	23.4	19.2	-90.26	-86.9	-424.8	980.0	937.9	42.07	23.292	
8,700.0	8,667.0	8,686.4	8,667.6	23.4	19.2	-90.26	-86.9	-424.8	980.0	937.9	42.12	23.267	
8,740.0	8,707.0	8,726.4	8,707.6	23.4	19.2	-90.26	-86.9	-424.8	980.0	937.8	42.15	23.249	
8,800.0	8,767.0	8,786.4	8,767.6	23.4	19.2	-90.26	-86.9	-424.8	980.0	937.8	42.20	23.222	
8,835.0	8,802.0	8,821.4	8,802.6	23.4	19.2	-90.26	-86.9	-424.8	980.0	937.8	42.23	23.206	
8,900.0	8,867.0	8,886.4	8,867.6	23.5	19.3	-90.26	-86.9	-424.8	980.0	937.7	42.28	23.177	
8,930.0	8,897.0	8,916.4	8,897.6	23.5	19.3	-90.26	-86.9	-424.8	980.0	937.7	42.31	23.163	
9,000.0	8,967.0	8,986.4	8,967.6	23.5	19.3	-90.26	-86.9	-424.8	980.0	937.6	42.37	23.131	
9,025.0	8,992.0	9,011.4	8,992.6	23.5	19.3	-90.26	-86.9	-424.8	980.0	937.6	42.39	23.120	
9,100.0	9,067.0	9,086.4	9,067.6	23.5	19.4	-90.26	-86.9	-424.8	980.0	937.5	42.45	23.086	
9,120.0	9,087.0	9,106.4	9,087.6	23.5	19.4	-90.26	-86.9	-424.8	980.0	937.5	42.47	23.077	
9,200.0	9,167.0	9,186.4	9,167.6	23.6	19.4	-90.26	-86.9	-424.8	980.0	937.4	42.53	23.041	
9,215.0	9,182.0	9,201.4	9,182.6	23.6	19.4	-90.26	-86.9	-424.8	980.0	937.4	42.55	23.034	
9,300.0	9,267.0	9,286.4	9,267.6	23.6	19.5	-90.26	-86.9	-424.8	980.0	937.4	42.62	22.995	
9,310.0	9,277.0	9,296.4	9,277.6	23.6	19.5	-90.26	-86.9	-424.8	980.0	937.4	42.63	22.991	
9,400.0	9,367.0	9,386.4	9,367.6	23.6	19.5	-90.26	-86.9	-424.8	980.0	937.3	42.70	22.950	
9,405.0	9,372.0	9,391.4	9,372.6	23.7	19.5	-90.26	-86.9	-424.8	980.0	937.3	42.71	22.947	
9,500.0	9,467.0	9,486.4	9,467.6	23.7	19.6	-90.26	-86.9	-424.8	980.0	937.2	42.79	22.904	
9,595.0	9,562.0	9,581.4	9,562.6	23.7	19.6	-90.26	-86.9	-424.8	980.0	937.1	42.87	22.861	
9,600.0	9,567.0	9,586.4	9,567.6	23.7	19.6	-90.26	-86.9	-424.8	980.0	937.1	42.87	22.858	
9,690.0	9,657.0	9,676.4	9,657.6	23.8	19.7	-90.26	-86.9	-424.8	980.0	937.0	42.95	22.817	
9,700.0	9,667.0	9,686.4	9,667.6	23.8	19.7	-90.26	-86.9	-424.8	980.0	937.0	42.96	22.813	
9,785.0	9,752.0	9,771.4	9,752.6	23.8	19.7	-90.26	-86.9	-424.8	980.0	936.9	43.03	22.774	
9,800.0	9,767.0	9,786.4	9,767.6	23.8	19.7	-90.26	-86.9	-424.8	980.0	936.9	43.04	22.767	
9,880.0	9,847.0	9,866.4	9,847.6	23.8	19.7	-90.26	-86.9	-424.8	980.0	936.9	43.11	22.730	
9,900.0	9,867.0	9,886.4	9,867.6	23.8	19.8	-90.26	-86.9	-424.8	980.0	936.8	43.13	22.721	
9,974.1	9,941.0	9,960.5	9,941.7	23.9	19.8	-90.23	-86.5	-424.8	980.0	936.8	43.17	22.701	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,975.0	9,942.0	9,961.5	9,942.6	23.9	19.8	-90.10	-86.4	-424.8	980.0	936.8	43.17	22.700	
10,000.0	9,967.0	9,986.5	9,967.6	23.9	19.8	-90.05	-84.9	-424.8	980.0	936.8	43.18	22.697	
10,020.8	9,987.7	10,007.3	9,988.3	23.8	19.8	-90.00	-82.8	-424.8	980.0	936.8	43.18	22.694	
10,050.0	10,016.8	10,036.5	10,017.2	23.8	19.8	-89.94	-78.6	-424.8	980.0	936.8	43.19	22.689	
10,070.0	10,036.5	10,056.4	10,036.8	23.8	19.8	-89.89	-74.9	-424.9	980.0	936.8	43.20	22.686	
10,100.0	10,066.0	10,086.2	10,065.8	23.8	19.8	-89.83	-68.0	-424.9	980.0	936.8	43.20	22.683	
10,150.0	10,114.2	10,135.9	10,113.2	23.8	19.8	-89.72	-53.3	-424.9	980.0	936.8	43.21	22.677	
10,165.0	10,128.5	10,150.7	10,127.1	23.8	19.8	-89.68	-48.1	-424.9	980.0	936.8	43.22	22.676	
10,200.0	10,161.2	10,185.3	10,159.0	23.8	19.8	-89.61	-34.7	-424.9	980.0	936.8	43.22	22.673	
10,250.0	10,206.4	10,234.7	10,202.9	23.8	19.8	-89.51	-12.2	-425.0	980.0	936.8	43.23	22.668	
10,260.0	10,215.3	10,244.5	10,211.4	23.8	19.8	-89.49	-7.3	-425.0	980.0	936.8	43.23	22.667	
10,300.0	10,249.7	10,283.8	10,244.5	23.8	19.9	-89.41	13.9	-425.1	980.0	936.8	43.24	22.664	
10,350.0	10,290.6	10,332.9	10,283.7	23.8	19.9	-89.31	43.3	-425.1	980.0	936.8	43.25	22.657	
10,355.0	10,294.5	10,337.8	10,287.5	23.8	19.9	-89.30	46.5	-425.1	980.0	936.8	43.26	22.657	
10,400.0	10,328.8	10,381.8	10,320.1	23.8	19.9	-89.22	76.0	-425.2	980.1	936.8	43.27	22.649	
10,450.0	10,364.1	10,430.6	10,353.6	23.8	19.9	-89.14	111.5	-425.3	980.1	936.8	43.29	22.638	
10,500.0	10,396.2	10,479.2	10,383.8	23.8	19.9	-89.06	149.6	-425.4	980.1	936.8	43.32	22.624	
10,545.0	10,422.1	10,523.0	10,408.1	23.8	20.0	-89.00	186.0	-425.4	980.1	936.8	43.36	22.607	
10,550.0	10,424.8	10,527.8	10,410.6	23.8	20.0	-88.99	190.1	-425.5	980.1	936.8	43.36	22.605	
10,600.0	10,449.7	10,576.3	10,433.9	23.8	20.0	-88.93	232.6	-425.6	980.1	936.7	43.41	22.580	
10,640.0	10,466.9	10,615.0	10,449.8	23.8	20.1	-88.89	267.9	-425.6	980.2	936.7	43.45	22.556	
10,650.0	10,470.7	10,624.7	10,453.4	23.8	20.1	-88.88	276.9	-425.7	980.2	936.7	43.47	22.550	
10,700.0	10,487.8	10,673.0	10,469.2	23.9	20.1	-88.83	322.6	-425.8	980.2	936.6	43.54	22.513	
10,735.0	10,497.2	10,706.8	10,477.9	23.9	20.2	-88.80	355.2	-425.8	980.2	936.6	43.60	22.483	
10,750.0	10,500.6	10,721.3	10,481.0	23.9	20.2	-88.79	369.4	-425.9	980.2	936.6	43.62	22.469	
10,800.0	10,509.2	10,769.6	10,488.8	24.0	20.2	-88.76	417.0	-426.0	980.2	936.5	43.72	22.418	
10,830.0	10,512.3	10,798.5	10,491.6	24.0	20.3	-88.75	445.7	-426.0	980.2	936.4	43.79	22.385	
10,850.0	10,513.5	10,817.8	10,492.6	24.0	20.3	-88.74	465.0	-426.1	980.2	936.4	43.84	22.361	
10,872.1	10,514.0	10,839.1	10,493.0	24.0	20.3	-88.74	486.3	-426.1	980.2	936.3	43.89	22.334	
10,900.0	10,514.1	10,867.0	10,493.1	24.1	20.4	-88.74	514.3	-426.2	980.2	936.3	43.96	22.300	
10,925.0	10,514.2	10,892.0	10,493.2	24.1	20.4	-88.74	539.3	-426.3	980.2	936.2	44.02	22.267	
11,000.0	10,514.4	10,967.0	10,493.4	24.2	20.6	-88.73	614.3	-426.4	980.2	936.0	44.24	22.159	
11,020.0	10,514.5	10,987.0	10,493.4	24.2	20.6	-88.73	634.3	-426.5	980.2	935.9	44.30	22.128	
11,100.0	10,514.8	11,067.0	10,493.6	24.3	20.8	-88.73	714.3	-426.6	980.2	935.7	44.57	21.994	
11,115.0	10,514.9	11,082.0	10,493.7	24.3	20.8	-88.73	729.3	-426.7	980.2	935.6	44.62	21.967	
11,200.0	10,515.1	11,167.0	10,493.9	24.4	21.0	-88.72	814.3	-426.9	980.2	935.3	44.95	21.808	
11,210.0	10,515.2	11,177.0	10,494.0	24.5	21.0	-88.72	824.3	-426.9	980.2	935.2	44.99	21.788	
11,300.0	10,515.5	11,267.0	10,494.2	24.6	21.3	-88.72	914.3	-427.1	980.2	934.8	45.38	21.602	
11,305.0	10,515.5	11,272.0	10,494.2	24.6	21.3	-88.72	919.3	-427.1	980.2	934.8	45.40	21.591	
11,400.0	10,515.9	11,367.0	10,494.5	24.8	21.5	-88.72	1,014.3	-427.3	980.2	934.4	45.85	21.377	
11,495.0	10,516.2	11,462.0	10,494.8	25.0	21.8	-88.71	1,109.3	-427.5	980.2	933.9	46.35	21.149	
11,500.0	10,516.2	11,467.0	10,494.8	25.0	21.8	-88.71	1,114.3	-427.6	980.2	933.9	46.37	21.137	
11,590.0	10,516.5	11,557.0	10,495.0	25.2	22.1	-88.71	1,204.3	-427.8	980.2	933.3	46.88	20.908	
11,600.0	10,516.6	11,567.0	10,495.1	25.3	22.2	-88.71	1,214.3	-427.8	980.2	933.3	46.94	20.883	
11,685.0	10,516.9	11,652.0	10,495.3	25.5	22.4	-88.71	1,299.3	-428.0	980.2	932.8	47.45	20.656	
11,700.0	10,516.9	11,667.0	10,495.3	25.5	22.5	-88.70	1,314.3	-428.0	980.2	932.7	47.55	20.616	
11,780.0	10,517.2	11,747.0	10,495.6	25.8	22.8	-88.70	1,394.3	-428.2	980.2	932.2	48.06	20.395	
11,800.0	10,517.3	11,767.0	10,495.6	25.8	22.9	-88.70	1,414.3	-428.2	980.2	932.0	48.19	20.339	
11,875.0	10,517.5	11,842.0	10,495.8	26.0	23.1	-88.70	1,489.2	-428.4	980.2	931.5	48.71	20.125	
11,900.0	10,517.6	11,867.0	10,495.9	26.1	23.2	-88.70	1,514.2	-428.5	980.2	931.4	48.88	20.054	
11,970.0	10,517.8	11,937.0	10,496.1	26.3	23.5	-88.69	1,584.2	-428.6	980.2	930.8	49.39	19.849	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,000.0	10,518.0	11,967.0	10,496.2	26.4	23.6	-88.69	1,614.2	-428.7	980.2	930.6	49.60	19.761	
12,065.0	10,518.2	12,032.0	10,496.4	26.6	23.9	-88.69	1,679.2	-428.8	980.2	930.1	50.10	19.567	
12,100.0	10,518.3	12,067.0	10,496.5	26.8	24.1	-88.69	1,714.2	-428.9	980.2	929.9	50.36	19.463	
12,160.0	10,518.5	12,127.0	10,496.6	27.0	24.3	-88.69	1,774.2	-429.1	980.2	929.4	50.84	19.282	
12,200.0	10,518.7	12,167.0	10,496.8	27.1	24.5	-88.68	1,814.2	-429.1	980.2	929.1	51.16	19.161	
12,255.0	10,518.8	12,222.0	10,496.9	27.3	24.7	-88.68	1,869.2	-429.3	980.2	928.6	51.61	18.993	
12,300.0	10,519.0	12,267.0	10,497.0	27.5	24.9	-88.68	1,914.2	-429.4	980.2	928.3	51.98	18.857	
12,350.0	10,519.2	12,317.0	10,497.2	27.7	25.2	-88.68	1,964.2	-429.5	980.2	927.8	52.41	18.704	
12,400.0	10,519.4	12,367.0	10,497.3	27.8	25.4	-88.68	2,014.2	-429.6	980.2	927.4	52.84	18.551	
12,445.0	10,519.5	12,412.0	10,497.4	28.0	25.6	-88.67	2,059.2	-429.7	980.2	927.0	53.24	18.413	
12,500.0	10,519.7	12,467.0	10,497.6	28.2	25.9	-88.67	2,114.2	-429.8	980.2	926.5	53.73	18.245	
12,540.0	10,519.8	12,507.0	10,497.7	28.4	26.1	-88.67	2,154.2	-429.9	980.2	926.2	54.09	18.122	
12,600.0	10,520.1	12,567.0	10,497.9	28.7	26.4	-88.67	2,214.2	-430.0	980.2	925.6	54.64	17.940	
12,635.0	10,520.2	12,602.0	10,498.0	28.8	26.6	-88.67	2,249.2	-430.1	980.2	925.3	54.97	17.833	
12,700.0	10,520.4	12,667.0	10,498.2	29.1	26.9	-88.66	2,314.2	-430.3	980.2	924.7	55.58	17.636	
12,730.0	10,520.5	12,697.0	10,498.2	29.2	27.0	-88.66	2,344.2	-430.3	980.2	924.4	55.87	17.545	
12,800.0	10,520.8	12,767.0	10,498.4	29.5	27.4	-88.66	2,414.2	-430.5	980.2	923.7	56.55	17.334	
12,825.0	10,520.8	12,792.0	10,498.5	29.6	27.5	-88.66	2,439.2	-430.6	980.2	923.5	56.79	17.259	
12,900.0	10,521.1	12,867.0	10,498.7	30.0	27.9	-88.66	2,514.2	-430.7	980.2	922.7	57.54	17.036	
12,920.0	10,521.2	12,887.0	10,498.8	30.1	28.0	-88.66	2,534.2	-430.8	980.2	922.5	57.74	16.977	
13,000.0	10,521.5	12,967.0	10,499.0	30.4	28.5	-88.65	2,614.2	-431.0	980.2	921.7	58.55	16.741	
13,015.0	10,521.5	12,982.0	10,499.1	30.5	28.6	-88.65	2,629.2	-431.0	980.2	921.5	58.71	16.697	
13,100.0	10,521.8	13,067.0	10,499.3	30.9	29.0	-88.65	2,714.2	-431.2	980.3	920.7	59.59	16.450	
13,110.0	10,521.8	13,077.0	10,499.3	31.0	29.1	-88.65	2,724.2	-431.2	980.3	920.6	59.69	16.421	
13,200.0	10,522.2	13,167.0	10,499.6	31.4	29.6	-88.64	2,814.2	-431.4	980.3	919.6	60.64	16.164	
13,205.0	10,522.2	13,172.0	10,499.6	31.4	29.6	-88.64	2,819.2	-431.4	980.3	919.6	60.70	16.150	
13,300.0	10,522.5	13,267.0	10,499.9	31.9	30.2	-88.64	2,914.2	-431.6	980.3	918.5	61.72	15.882	
13,395.0	10,522.8	13,362.0	10,500.1	32.4	30.7	-88.64	3,009.2	-431.9	980.3	917.5	62.76	15.619	
13,400.0	10,522.9	13,367.0	10,500.1	32.4	30.7	-88.64	3,014.2	-431.9	980.3	917.4	62.81	15.606	
13,490.0	10,523.2	13,457.0	10,500.4	32.9	31.3	-88.63	3,104.2	-432.1	980.3	916.4	63.81	15.361	
13,500.0	10,523.2	13,467.0	10,500.4	32.9	31.3	-88.63	3,114.2	-432.1	980.3	916.3	63.93	15.334	
13,585.0	10,523.5	13,552.0	10,500.7	33.4	31.8	-88.63	3,199.2	-432.3	980.3	915.4	64.88	15.108	
13,600.0	10,523.6	13,567.0	10,500.7	33.4	31.9	-88.63	3,214.2	-432.3	980.3	915.2	65.05	15.068	
13,680.0	10,523.8	13,647.0	10,500.9	33.9	32.4	-88.63	3,294.2	-432.5	980.3	914.3	65.97	14.860	
13,700.0	10,523.9	13,667.0	10,501.0	34.0	32.5	-88.62	3,314.2	-432.5	980.3	914.1	66.20	14.808	
13,775.0	10,524.2	13,742.0	10,501.2	34.4	33.0	-88.62	3,389.2	-432.7	980.3	913.2	67.07	14.616	
13,800.0	10,524.3	13,767.0	10,501.3	34.5	33.1	-88.62	3,414.2	-432.8	980.3	912.9	67.36	14.553	
13,870.0	10,524.5	13,837.0	10,501.5	34.9	33.5	-88.62	3,484.2	-432.9	980.3	912.1	68.18	14.378	
13,900.0	10,524.6	13,867.0	10,501.5	35.1	33.7	-88.62	3,514.2	-433.0	980.3	911.7	68.53	14.304	
13,965.0	10,524.8	13,932.0	10,501.7	35.4	34.1	-88.61	3,579.2	-433.1	980.3	911.0	69.30	14.145	
14,000.0	10,525.0	13,967.0	10,501.8	35.6	34.4	-88.61	3,614.2	-433.2	980.3	910.5	69.72	14.060	
14,060.0	10,525.2	14,027.0	10,502.0	36.0	34.7	-88.61	3,674.2	-433.4	980.3	909.8	70.44	13.917	
14,100.0	10,525.3	14,067.0	10,502.1	36.2	35.0	-88.61	3,714.2	-433.5	980.3	909.3	70.92	13.823	
14,155.0	10,525.5	14,122.0	10,502.3	36.5	35.3	-88.61	3,769.2	-433.6	980.3	908.7	71.58	13.694	
14,200.0	10,525.7	14,167.0	10,502.4	36.8	35.6	-88.60	3,814.2	-433.7	980.3	908.1	72.13	13.590	
14,250.0	10,525.8	14,217.0	10,502.5	37.1	35.9	-88.60	3,864.2	-433.8	980.3	907.5	72.74	13.476	
14,300.0	10,526.0	14,267.0	10,502.7	37.4	36.2	-88.60	3,914.2	-433.9	980.3	906.9	73.35	13.364	
14,345.0	10,526.2	14,312.0	10,502.8	37.6	36.5	-88.60	3,959.2	-434.0	980.3	906.4	73.91	13.263	
14,400.0	10,526.4	14,367.0	10,503.0	38.0	36.9	-88.60	4,014.2	-434.1	980.3	905.7	74.59	13.142	
14,440.0	10,526.5	14,407.0	10,503.1	38.2	37.1	-88.59	4,054.2	-434.2	980.3	905.2	75.09	13.055	
14,500.0	10,526.7	14,467.0	10,503.2	38.5	37.5	-88.59	4,114.2	-434.4	980.3	904.4	75.84	12.926	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,535.0	10,526.8	14,502.0	10,503.3	38.8	37.8	-88.59	4,149.2	-434.4	980.3	904.0	76.27	12.852	
14,600.0	10,527.1	14,567.0	10,503.5	39.1	38.2	-88.59	4,214.2	-434.6	980.3	903.2	77.09	12.716	
14,630.0	10,527.2	14,597.0	10,503.6	39.3	38.4	-88.59	4,244.2	-434.7	980.3	902.8	77.47	12.654	
14,700.0	10,527.4	14,667.0	10,503.8	39.8	38.8	-88.58	4,314.2	-434.8	980.3	901.9	78.36	12.511	
14,725.0	10,527.5	14,692.0	10,503.9	39.9	39.0	-88.58	4,339.2	-434.9	980.3	901.6	78.67	12.460	
14,800.0	10,527.8	14,767.0	10,504.1	40.4	39.5	-88.58	4,414.2	-435.0	980.3	900.6	79.63	12.310	
14,820.0	10,527.8	14,787.0	10,504.1	40.5	39.6	-88.58	4,434.2	-435.1	980.3	900.4	79.89	12.271	
14,900.0	10,528.1	14,867.0	10,504.4	41.0	40.2	-88.58	4,514.2	-435.3	980.3	899.4	80.91	12.115	
14,915.0	10,528.2	14,882.0	10,504.4	41.1	40.3	-88.58	4,529.2	-435.3	980.3	899.2	81.11	12.086	
15,000.0	10,528.5	14,967.0	10,504.7	41.6	40.8	-88.57	4,614.2	-435.5	980.3	898.1	82.21	11.925	
15,010.0	10,528.5	14,977.0	10,504.7	41.7	40.9	-88.57	4,624.2	-435.5	980.3	897.9	82.34	11.906	
15,100.0	10,528.8	15,067.0	10,504.9	42.2	41.5	-88.57	4,714.2	-435.7	980.3	896.8	83.50	11.739	
15,105.0	10,528.8	15,072.0	10,504.9	42.3	41.5	-88.57	4,719.2	-435.7	980.3	896.7	83.57	11.730	
15,200.0	10,529.2	15,167.0	10,505.2	42.9	42.2	-88.56	4,814.2	-435.9	980.3	895.5	84.81	11.558	
15,295.0	10,529.5	15,262.0	10,505.5	43.5	42.8	-88.56	4,909.2	-436.2	980.3	894.2	86.06	11.391	
15,300.0	10,529.5	15,267.0	10,505.5	43.5	42.8	-88.56	4,914.2	-436.2	980.3	894.2	86.13	11.382	
15,390.0	10,529.8	15,357.0	10,505.8	44.1	43.5	-88.56	5,004.2	-436.4	980.3	893.0	87.31	11.227	
15,400.0	10,529.9	15,367.0	10,505.8	44.1	43.5	-88.56	5,014.2	-436.4	980.3	892.8	87.45	11.210	
15,485.0	10,530.2	15,452.0	10,506.0	44.7	44.1	-88.55	5,099.2	-436.6	980.3	891.7	88.58	11.067	
15,500.0	10,530.2	15,467.0	10,506.1	44.8	44.2	-88.55	5,114.2	-436.6	980.3	891.5	88.77	11.042	
15,580.0	10,530.5	15,547.0	10,506.3	45.3	44.7	-88.55	5,194.2	-436.8	980.3	890.5	89.84	10.911	
15,600.0	10,530.6	15,567.0	10,506.3	45.4	44.9	-88.55	5,214.2	-436.9	980.3	890.2	90.11	10.879	
15,675.0	10,530.8	15,642.0	10,506.6	45.9	45.4	-88.55	5,289.2	-437.0	980.3	889.2	91.11	10.759	
15,700.0	10,530.9	15,667.0	10,506.6	46.1	45.6	-88.54	5,314.2	-437.1	980.3	888.8	91.45	10.720	
15,770.0	10,531.2	15,737.0	10,506.8	46.5	46.1	-88.54	5,384.2	-437.2	980.3	887.9	92.39	10.610	
15,800.0	10,531.3	15,767.0	10,506.9	46.7	46.3	-88.54	5,414.2	-437.3	980.3	887.5	92.79	10.564	
15,865.0	10,531.5	15,832.0	10,507.1	47.1	46.7	-88.54	5,479.2	-437.5	980.3	886.6	93.67	10.465	
15,900.0	10,531.6	15,867.0	10,507.2	47.4	47.0	-88.54	5,514.2	-437.5	980.3	886.2	94.15	10.413	
15,960.0	10,531.8	15,927.0	10,507.4	47.8	47.4	-88.53	5,574.2	-437.7	980.3	885.3	94.96	10.323	
16,000.0	10,532.0	15,967.0	10,507.5	48.0	47.6	-88.53	5,614.2	-437.8	980.3	884.8	95.50	10.265	
16,055.0	10,532.2	16,022.0	10,507.6	48.4	48.0	-88.53	5,669.2	-437.9	980.3	884.1	96.25	10.185	
16,100.0	10,532.3	16,067.0	10,507.8	48.7	48.3	-88.53	5,714.2	-438.0	980.3	883.4	96.86	10.120	
16,150.0	10,532.5	16,117.0	10,507.9	49.0	48.7	-88.53	5,764.2	-438.1	980.3	882.8	97.55	10.050	
16,200.0	10,532.7	16,167.0	10,508.0	49.4	49.0	-88.52	5,814.2	-438.2	980.3	882.1	98.23	9.980	
16,245.0	10,532.8	16,212.0	10,508.2	49.7	49.4	-88.52	5,859.2	-438.3	980.3	881.5	98.85	9.917	
16,300.0	10,533.0	16,267.0	10,508.3	50.0	49.7	-88.52	5,914.2	-438.4	980.3	880.7	99.60	9.842	
16,340.0	10,533.2	16,307.0	10,508.4	50.3	50.0	-88.52	5,954.2	-438.5	980.3	880.2	100.15	9.788	
16,400.0	10,533.4	16,367.0	10,508.6	50.7	50.4	-88.52	6,014.2	-438.7	980.3	879.3	100.98	9.708	
16,435.0	10,533.5	16,402.0	10,508.7	50.9	50.7	-88.51	6,049.2	-438.7	980.3	878.8	101.46	9.662	
16,500.0	10,533.7	16,467.0	10,508.9	51.4	51.1	-88.51	6,114.2	-438.9	980.3	878.0	102.36	9.577	
16,530.0	10,533.8	16,497.0	10,509.0	51.6	51.4	-88.51	6,144.2	-439.0	980.3	877.5	102.77	9.539	
16,600.0	10,534.1	16,567.0	10,509.2	52.1	51.9	-88.51	6,214.2	-439.1	980.3	876.6	103.74	9.450	
16,625.0	10,534.2	16,592.0	10,509.2	52.2	52.0	-88.51	6,239.2	-439.2	980.3	876.2	104.09	9.418	
16,700.0	10,534.4	16,667.0	10,509.4	52.7	52.6	-88.50	6,314.2	-439.3	980.3	875.2	105.13	9.325	
16,720.0	10,534.5	16,687.0	10,509.5	52.9	52.7	-88.50	6,334.2	-439.4	980.3	874.9	105.41	9.300	
16,800.0	10,534.8	16,767.0	10,509.7	53.4	53.3	-88.50	6,414.2	-439.6	980.3	873.8	106.52	9.203	
16,815.0	10,534.8	16,782.0	10,509.8	53.5	53.4	-88.50	6,429.2	-439.6	980.3	873.6	106.73	9.185	
16,900.0	10,535.1	16,867.0	10,510.0	54.1	54.0	-88.50	6,514.2	-439.8	980.3	872.4	107.91	9.084	
16,910.0	10,535.2	16,877.0	10,510.0	54.2	54.0	-88.50	6,524.2	-439.8	980.3	872.3	108.05	9.072	
17,000.0	10,535.5	16,967.0	10,510.3	54.8	54.7	-88.49	6,614.2	-440.0	980.3	871.0	109.31	8.968	
17,005.0	10,535.5	16,972.0	10,510.3	54.8	54.7	-88.49	6,619.2	-440.0	980.3	870.9	109.38	8.962	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,100.0	10,535.8	17,067.0	10,510.6	55.5	55.4	-88.49	6,714.2	-440.3	980.3	869.6	110.72	8.854	
17,195.0	10,536.2	17,162.0	10,510.8	56.1	56.1	-88.48	6,809.2	-440.5	980.3	868.3	112.05	8.749	
17,200.0	10,536.2	17,167.0	10,510.9	56.2	56.1	-88.48	6,814.2	-440.5	980.3	868.2	112.12	8.743	
17,290.0	10,536.5	17,257.0	10,511.1	56.8	56.8	-88.48	6,904.2	-440.7	980.3	866.9	113.39	8.646	
17,300.0	10,536.5	17,267.0	10,511.1	56.8	56.8	-88.48	6,914.2	-440.7	980.3	866.8	113.53	8.635	
17,385.0	10,536.8	17,352.0	10,511.4	57.4	57.4	-88.48	6,999.2	-440.9	980.3	865.6	114.73	8.545	
17,400.0	10,536.9	17,367.0	10,511.4	57.5	57.5	-88.48	7,014.2	-440.9	980.3	865.4	114.94	8.529	
17,480.0	10,537.2	17,447.0	10,511.6	58.1	58.1	-88.47	7,094.2	-441.1	980.3	864.3	116.07	8.446	
17,500.0	10,537.2	17,467.0	10,511.7	58.2	58.3	-88.47	7,114.2	-441.2	980.3	864.0	116.36	8.425	
17,575.0	10,537.5	17,542.0	10,511.9	58.8	58.8	-88.47	7,189.2	-441.3	980.3	862.9	117.42	8.349	
17,600.0	10,537.6	17,567.0	10,512.0	58.9	59.0	-88.47	7,214.2	-441.4	980.3	862.6	117.77	8.324	
17,670.0	10,537.8	17,637.0	10,512.2	59.4	59.5	-88.47	7,284.2	-441.5	980.3	861.6	118.77	8.254	
17,700.0	10,537.9	17,667.0	10,512.3	59.6	59.7	-88.46	7,314.2	-441.6	980.3	861.1	119.19	8.225	
17,765.0	10,538.2	17,732.0	10,512.5	60.1	60.2	-88.46	7,379.2	-441.8	980.3	860.2	120.12	8.161	
17,800.0	10,538.3	17,767.0	10,512.5	60.3	60.4	-88.46	7,414.2	-441.8	980.3	859.7	120.62	8.128	
17,860.0	10,538.5	17,827.0	10,512.7	60.7	60.9	-88.46	7,474.2	-442.0	980.3	858.9	121.47	8.071	
17,900.0	10,538.6	17,867.0	10,512.8	61.0	61.1	-88.46	7,514.2	-442.1	980.3	858.3	122.04	8.033	
17,955.0	10,538.8	17,922.0	10,513.0	61.4	61.5	-88.45	7,569.2	-442.2	980.3	857.5	122.83	7.982	
18,000.0	10,539.0	17,967.0	10,513.1	61.7	61.9	-88.45	7,614.2	-442.3	980.3	856.9	123.47	7.940	
18,050.0	10,539.2	18,017.0	10,513.3	62.1	62.2	-88.45	7,664.2	-442.4	980.3	856.2	124.18	7.894	
18,100.0	10,539.3	18,067.0	10,513.4	62.4	62.6	-88.45	7,714.2	-442.5	980.3	855.4	124.90	7.849	
18,145.0	10,539.5	18,112.0	10,513.5	62.8	62.9	-88.45	7,759.2	-442.6	980.3	854.8	125.54	7.809	
18,200.0	10,539.7	18,167.0	10,513.7	63.1	63.3	-88.44	7,814.2	-442.7	980.3	854.0	126.33	7.760	
18,240.0	10,539.8	18,207.0	10,513.8	63.4	63.6	-88.44	7,854.2	-442.8	980.3	853.4	126.90	7.725	
18,300.0	10,540.0	18,267.0	10,514.0	63.8	64.0	-88.44	7,914.2	-443.0	980.3	852.6	127.76	7.673	
18,335.0	10,540.2	18,302.0	10,514.1	64.1	64.3	-88.44	7,949.2	-443.1	980.3	852.1	128.27	7.643	
18,400.0	10,540.4	18,367.0	10,514.2	64.6	64.8	-88.44	8,014.2	-443.2	980.3	851.1	129.20	7.588	
18,430.0	10,540.5	18,397.0	10,514.3	64.8	65.0	-88.44	8,044.2	-443.3	980.3	850.7	129.63	7.563	
18,500.0	10,540.7	18,467.0	10,514.5	65.3	65.5	-88.43	8,114.2	-443.4	980.3	849.7	130.64	7.504	
18,525.0	10,540.8	18,492.0	10,514.6	65.4	65.7	-88.43	8,139.2	-443.5	980.3	849.3	131.00	7.484	
18,600.0	10,541.1	18,567.0	10,514.8	66.0	66.2	-88.43	8,214.2	-443.7	980.3	848.3	132.08	7.422	
18,620.0	10,541.2	18,587.0	10,514.9	66.1	66.4	-88.43	8,234.2	-443.7	980.3	848.0	132.37	7.406	
18,700.0	10,541.4	18,667.0	10,515.1	66.7	67.0	-88.42	8,314.2	-443.9	980.3	846.8	133.52	7.342	
18,715.0	10,541.5	18,682.0	10,515.1	66.8	67.1	-88.42	8,329.2	-443.9	980.3	846.6	133.74	7.330	
18,800.0	10,541.8	18,767.0	10,515.4	67.4	67.7	-88.42	8,414.2	-444.1	980.4	845.4	134.97	7.264	
18,810.0	10,541.8	18,777.0	10,515.4	67.5	67.8	-88.42	8,424.2	-444.1	980.4	845.2	135.11	7.256	
18,900.0	10,542.1	18,867.0	10,515.7	68.1	68.4	-88.42	8,514.2	-444.3	980.4	843.9	136.41	7.187	
18,905.0	10,542.2	18,872.0	10,515.7	68.2	68.5	-88.42	8,519.2	-444.3	980.4	843.9	136.49	7.183	
19,000.0	10,542.5	18,967.0	10,515.9	68.8	69.2	-88.41	8,614.2	-444.6	980.4	842.5	137.86	7.111	
19,095.0	10,542.8	19,062.0	10,516.2	69.5	69.8	-88.41	8,709.2	-444.8	980.4	841.1	139.24	7.041	
19,100.0	10,542.8	19,067.0	10,516.2	69.5	69.9	-88.41	8,714.2	-444.8	980.4	841.0	139.31	7.037	
19,190.0	10,543.2	19,157.0	10,516.5	70.2	70.5	-88.40	8,804.2	-445.0	980.4	839.7	140.62	6.972	
19,200.0	10,543.2	19,167.0	10,516.5	70.3	70.6	-88.40	8,814.2	-445.0	980.4	839.6	140.76	6.965	
19,285.0	10,543.5	19,252.0	10,516.7	70.9	71.2	-88.40	8,899.2	-445.2	980.4	838.4	142.00	6.904	
19,300.0	10,543.5	19,267.0	10,516.8	71.0	71.4	-88.40	8,914.2	-445.2	980.4	838.1	142.21	6.894	
19,380.0	10,543.8	19,347.0	10,517.0	71.6	71.9	-88.40	8,994.2	-445.4	980.4	837.0	143.38	6.838	
19,400.0	10,543.9	19,367.0	10,517.1	71.7	72.1	-88.40	9,014.2	-445.5	980.4	836.7	143.67	6.824	
19,475.0	10,544.2	19,442.0	10,517.3	72.2	72.6	-88.39	9,089.2	-445.6	980.4	835.6	144.76	6.772	
19,500.0	10,544.2	19,467.0	10,517.3	72.4	72.8	-88.39	9,114.2	-445.7	980.4	835.2	145.12	6.755	
19,570.0	10,544.5	19,537.0	10,517.5	72.9	73.3	-88.39	9,184.2	-445.9	980.4	834.2	146.14	6.708	
19,600.0	10,544.6	19,567.0	10,517.6	73.1	73.6	-88.39	9,214.2	-445.9	980.4	833.8	146.58	6.688	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,665.0	10,544.8	19,632.0	10,517.8	73.6	74.0	-88.39	9,279.2	-446.1	980.4	832.8	147.53	6.645	
19,700.0	10,545.0	19,667.0	10,517.9	73.9	74.3	-88.38	9,314.2	-446.2	980.4	832.3	148.04	6.622	
19,760.0	10,545.2	19,727.0	10,518.1	74.3	74.7	-88.38	9,374.2	-446.3	980.4	831.5	148.92	6.583	
19,800.0	10,545.3	19,767.0	10,518.2	74.6	75.0	-88.38	9,414.2	-446.4	980.4	830.9	149.50	6.558	
19,855.0	10,545.5	19,822.0	10,518.3	75.0	75.4	-88.38	9,469.2	-446.5	980.4	830.1	150.30	6.523	
19,900.0	10,545.7	19,867.0	10,518.5	75.3	75.8	-88.38	9,514.2	-446.6	980.4	829.4	150.96	6.494	
19,950.0	10,545.8	19,917.0	10,518.6	75.7	76.1	-88.37	9,564.2	-446.7	980.4	828.7	151.69	6.463	
20,000.0	10,546.0	19,967.0	10,518.8	76.0	76.5	-88.37	9,614.2	-446.8	980.4	828.0	152.42	6.432	
20,045.0	10,546.2	20,012.0	10,518.9	76.4	76.8	-88.37	9,659.2	-446.9	980.4	827.3	153.08	6.404	
20,100.0	10,546.4	20,067.0	10,519.0	76.8	77.2	-88.37	9,714.2	-447.1	980.4	826.5	153.89	6.371	
20,140.0	10,546.5	20,107.0	10,519.2	77.0	77.5	-88.37	9,754.2	-447.1	980.4	825.9	154.47	6.347	
20,200.0	10,546.7	20,167.0	10,519.3	77.5	78.0	-88.36	9,814.2	-447.3	980.4	825.0	155.35	6.311	
20,235.0	10,546.8	20,202.0	10,519.4	77.7	78.2	-88.36	9,849.2	-447.4	980.4	824.5	155.87	6.290	
20,300.0	10,547.1	20,267.0	10,519.6	78.2	78.7	-88.36	9,914.2	-447.5	980.4	823.6	156.82	6.252	
20,330.0	10,547.2	20,297.0	10,519.7	78.4	78.9	-88.36	9,944.2	-447.6	980.4	823.1	157.26	6.234	
20,400.0	10,547.4	20,367.0	10,519.9	78.9	79.5	-88.36	10,014.2	-447.7	980.4	822.1	158.29	6.194	
20,425.0	10,547.5	20,392.0	10,520.0	79.1	79.6	-88.36	10,039.2	-447.8	980.4	821.7	158.65	6.179	
20,500.0	10,547.8	20,467.0	10,520.2	79.7	80.2	-88.35	10,114.2	-448.0	980.4	820.6	159.75	6.137	
20,520.0	10,547.8	20,487.0	10,520.2	79.8	80.3	-88.35	10,134.2	-448.0	980.4	820.3	160.05	6.126	
20,600.0	10,548.1	20,567.0	10,520.4	80.4	80.9	-88.35	10,214.2	-448.2	980.4	819.2	161.22	6.081	
20,615.0	10,548.2	20,582.0	10,520.5	80.5	81.0	-88.35	10,229.2	-448.2	980.4	818.9	161.44	6.073	
20,700.0	10,548.5	20,667.0	10,520.7	81.1	81.7	-88.34	10,314.2	-448.4	980.4	817.7	162.69	6.026	
20,710.0	10,548.5	20,677.0	10,520.8	81.2	81.8	-88.34	10,324.2	-448.4	980.4	817.5	162.84	6.020	
20,800.0	10,548.8	20,767.0	10,521.0	81.8	82.4	-88.34	10,414.2	-448.6	980.4	816.2	164.17	5.972	
20,805.0	10,548.8	20,772.0	10,521.0	81.9	82.5	-88.34	10,419.2	-448.7	980.4	816.1	164.24	5.969	
20,900.0	10,549.2	20,867.0	10,521.3	82.6	83.2	-88.34	10,514.2	-448.9	980.4	814.8	165.64	5.919	
20,995.0	10,549.5	20,962.0	10,521.6	83.3	83.9	-88.33	10,609.2	-449.1	980.4	813.4	167.04	5.869	
21,000.0	10,549.5	20,967.0	10,521.6	83.3	83.9	-88.33	10,614.2	-449.1	980.4	813.3	167.11	5.867	
21,090.0	10,549.8	21,057.0	10,521.8	84.0	84.6	-88.33	10,704.2	-449.3	980.4	812.0	168.44	5.820	
21,100.0	10,549.9	21,067.0	10,521.9	84.0	84.6	-88.33	10,714.2	-449.3	980.4	811.8	168.59	5.815	
21,185.0	10,550.2	21,152.0	10,522.1	84.7	85.3	-88.32	10,799.2	-449.5	980.4	810.6	169.84	5.772	
21,200.0	10,550.2	21,167.0	10,522.1	84.8	85.4	-88.32	10,814.2	-449.6	980.4	810.3	170.06	5.765	
21,280.0	10,550.5	21,247.0	10,522.4	85.4	86.0	-88.32	10,894.2	-449.7	980.4	809.2	171.24	5.725	
21,300.0	10,550.6	21,267.0	10,522.4	85.5	86.1	-88.32	10,914.2	-449.8	980.4	808.9	171.54	5.715	
21,375.0	10,550.8	21,342.0	10,522.6	86.1	86.7	-88.32	10,989.2	-449.9	980.4	807.8	172.65	5.679	
21,400.0	10,550.9	21,367.0	10,522.7	86.2	86.9	-88.32	11,014.2	-450.0	980.4	807.4	173.02	5.667	
21,470.0	10,551.2	21,437.0	10,522.9	86.8	87.4	-88.31	11,084.2	-450.2	980.4	806.4	174.05	5.633	
21,500.0	10,551.3	21,467.0	10,523.0	87.0	87.6	-88.31	11,114.2	-450.2	980.4	805.9	174.49	5.619	
21,565.0	10,551.5	21,532.0	10,523.2	87.4	88.1	-88.31	11,179.2	-450.4	980.4	804.9	175.46	5.588	
21,600.0	10,551.6	21,567.0	10,523.3	87.7	88.4	-88.31	11,214.2	-450.5	980.4	804.4	175.97	5.571	
21,660.0	10,551.8	21,627.0	10,523.4	88.1	88.8	-88.31	11,274.2	-450.6	980.4	803.5	176.86	5.543	
21,700.0	10,552.0	21,667.0	10,523.6	88.4	89.1	-88.30	11,314.2	-450.7	980.4	803.0	177.45	5.525	
21,755.0	10,552.2	21,722.0	10,523.7	88.8	89.5	-88.30	11,369.2	-450.8	980.4	802.1	178.27	5.500	
21,800.0	10,552.3	21,767.0	10,523.8	89.2	89.9	-88.30	11,414.2	-450.9	980.4	801.5	178.93	5.479	
21,850.0	10,552.5	21,817.0	10,524.0	89.5	90.2	-88.30	11,464.2	-451.0	980.4	800.7	179.67	5.457	
21,900.0	10,552.7	21,867.0	10,524.1	89.9	90.6	-88.30	11,514.2	-451.1	980.4	800.0	180.42	5.434	
21,945.0	10,552.8	21,912.0	10,524.2	90.2	90.9	-88.29	11,559.2	-451.2	980.4	799.3	181.08	5.414	
22,000.0	10,553.0	21,967.0	10,524.4	90.6	91.3	-88.29	11,614.2	-451.4	980.4	798.5	181.90	5.390	
22,040.0	10,553.2	22,007.0	10,524.5	90.9	91.6	-88.29	11,654.2	-451.5	980.4	797.9	182.49	5.372	
22,100.0	10,553.4	22,067.0	10,524.7	91.4	92.1	-88.29	11,714.2	-451.6	980.4	797.0	183.38	5.346	
22,135.0	10,553.5	22,102.0	10,524.8	91.6	92.4	-88.29	11,749.2	-451.7	980.4	796.5	183.90	5.331	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Offset Design: POTATO BABY STATE PROJECT (ATLAS 2628) - POTATO BABY STATE COM #910H - OWB - PWP0.1

Offset Site Error: 3.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9939-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
22,200.0	10,553.7	22,167.0	10,525.0	92.1	92.8	-88.28	11,814.2	-451.8	980.4	795.6	184.86	5.303	
22,230.0	10,553.8	22,197.0	10,525.0	92.3	93.1	-88.28	11,844.2	-451.9	980.4	795.1	185.31	5.291	
22,300.0	10,554.1	22,267.0	10,525.2	92.9	93.6	-88.28	11,914.2	-452.0	980.4	794.1	186.35	5.261	
22,325.0	10,554.2	22,292.0	10,525.3	93.0	93.8	-88.28	11,939.2	-452.1	980.4	793.7	186.72	5.251	
22,400.0	10,554.4	22,367.0	10,525.5	93.6	94.3	-88.28	12,014.2	-452.3	980.4	792.6	187.83	5.220	
22,420.0	10,554.5	22,387.0	10,525.6	93.7	94.5	-88.28	12,034.2	-452.3	980.4	792.3	188.13	5.211	
22,436.1	10,554.5	22,403.1	10,525.6	93.9	94.6	-88.27	12,050.2	-452.4	980.4	792.1	188.37	5.205	
22,500.0	10,554.8	22,467.0	10,525.8	94.3	95.1	-88.27	12,114.2	-452.5	980.4	791.1	189.32	5.179	
22,515.0	10,554.8	22,482.0	10,525.9	94.4	95.2	-88.27	12,129.2	-452.5	980.4	790.9	189.54	5.173	
22,566.0	10,555.0	22,533.1	10,526.0	94.8	95.6	-88.27	12,180.2	-452.7	980.4	790.1	190.30	5.152	
22,566.5	10,555.0	22,533.5	10,526.0	94.8	95.6	-88.27	12,180.6	-452.7	980.4	790.1	190.30	5.152	SF

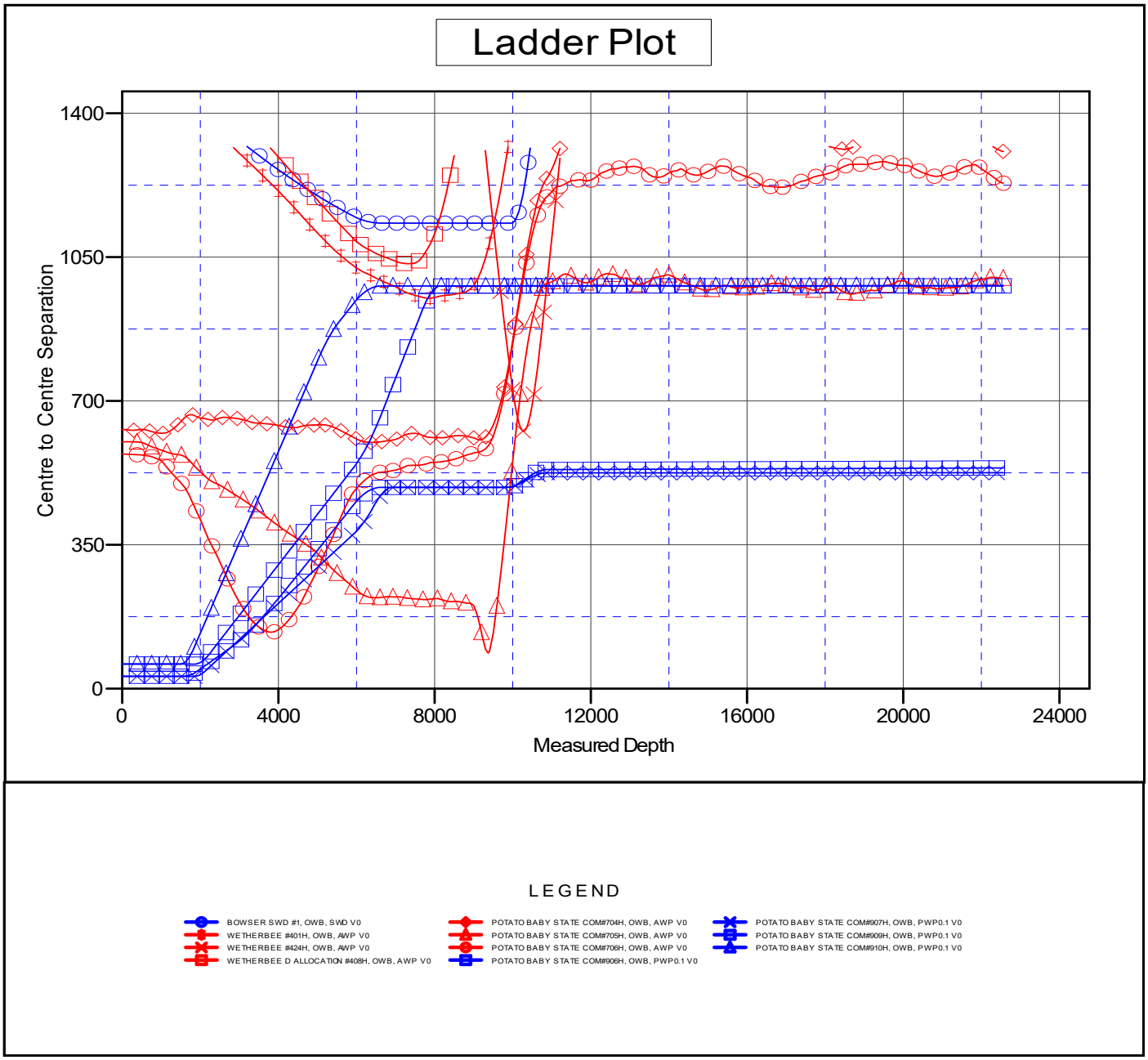
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to RKB 32ft + GL 3073ft @ 3105.0usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: POTATO BABY STATE COM #908H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.13°



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

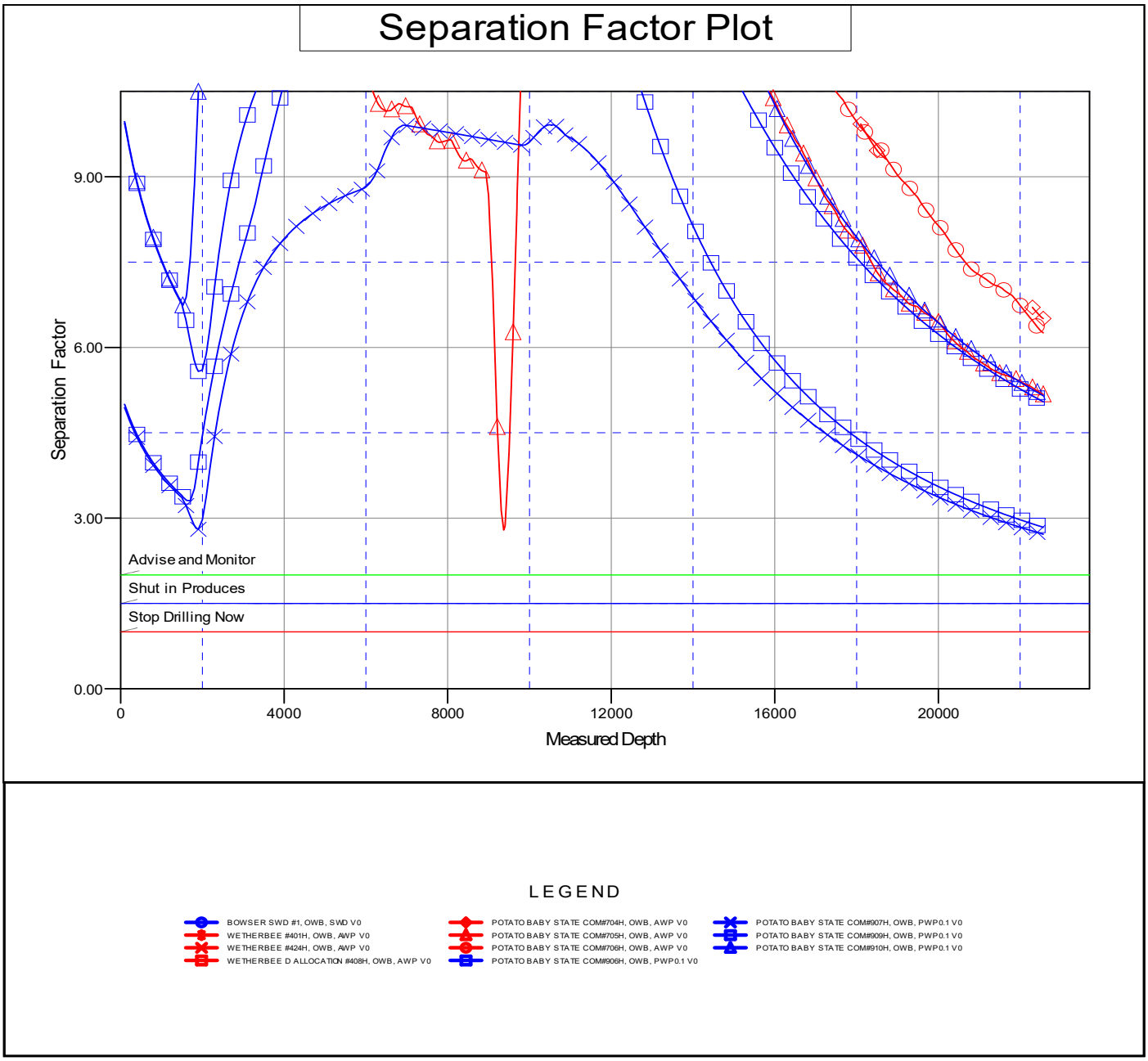
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to RKB 32ft + GL 3073ft @ 3105.0usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: POTATO BABY STATE COM #908H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.13°



DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)
POTATO BABY STATE PROJECT (ATLAS 2628)
POTATO BABY STATE COM #908H

OWB

Plan: PWP0.1

Standard Planning Report

19 August, 2022

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

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		

Well	POTATO BABY STATE COM #908H				
Well Position	**+N/-S**	366.9 usft	**Northing:**	364,183.68 usft	**Latitude:**	32° 0' 3.608 N
	+E/-W	927.1 usft	**Easting:**	578,398.48 usft	**Longitude:**	104° 4' 49.542 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,073.0 usft

Wellbore	OWB				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2022	12/1/2023	6.59	59.52	47,285.01855965

Design	PWP0.1			
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	2.48

Plan Survey Tool Program **Date** 8/19/2022

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	1,500.0	PWP0.1 (OWB)	r.5 SDI_KPR_WL_NS-CT SDI Keeper Wireline Gyrocomp	
2	1,500.0	10,872.1	PWP0.1 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	
3	10,872.1	22,566.0	PWP0.1 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	

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Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

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	
1,850.0	7.00	98.45	1,849.2	-3.1	21.1	2.00	2.00	0.00	98.45	
5,928.9	7.00	98.45	5,897.7	-76.2	512.9	0.00	0.00	0.00	0.00	
6,629.0	0.00	0.00	6,596.0	-82.5	555.1	1.00	-1.00	0.00	180.00	
9,974.1	0.00	0.00	9,941.0	-82.5	555.1	0.00	0.00	0.00	0.00	
10,872.1	89.80	359.87	10,514.0	488.5	553.8	10.00	10.00	-0.01	359.87	
22,436.1	89.80	359.87	10,554.5	12,052.4	527.6	0.00	0.00	0.00	0.00	LTP (POTATO BABY
22,566.0	89.80	359.87	10,555.0	12,182.3	527.3	0.00	0.00	0.00	0.00	BHL (POTATO BABY

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

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	98.45	1,600.0	-0.3	1.7	-0.2	2.00	2.00	0.00
1,700.0	4.00	98.45	1,699.8	-1.0	6.9	-0.7	2.00	2.00	0.00
1,800.0	6.00	98.45	1,799.5	-2.3	15.5	-1.6	2.00	2.00	0.00
1,850.0	7.00	98.45	1,849.2	-3.1	21.1	-2.2	2.00	2.00	0.00
Start 4078.9 hold at 1850.0 MD									
1,900.0	7.00	98.45	1,898.8	-4.0	27.1	-2.9	0.00	0.00	0.00
2,000.0	7.00	98.45	1,998.0	-5.8	39.2	-4.1	0.00	0.00	0.00
2,100.0	7.00	98.45	2,097.3	-7.6	51.3	-5.4	0.00	0.00	0.00
2,200.0	7.00	98.45	2,196.5	-9.4	63.3	-6.7	0.00	0.00	0.00
2,300.0	7.00	98.45	2,295.8	-11.2	75.4	-7.9	0.00	0.00	0.00
2,400.0	7.00	98.45	2,395.0	-13.0	87.4	-9.2	0.00	0.00	0.00
2,500.0	7.00	98.45	2,494.3	-14.8	99.5	-10.5	0.00	0.00	0.00
2,600.0	7.00	98.45	2,593.5	-16.6	111.5	-11.7	0.00	0.00	0.00
2,700.0	7.00	98.45	2,692.8	-18.4	123.6	-13.0	0.00	0.00	0.00
2,800.0	7.00	98.45	2,792.0	-20.2	135.7	-14.3	0.00	0.00	0.00
2,900.0	7.00	98.45	2,891.3	-21.9	147.7	-15.5	0.00	0.00	0.00
3,000.0	7.00	98.45	2,990.6	-23.7	159.8	-16.8	0.00	0.00	0.00
3,100.0	7.00	98.45	3,089.8	-25.5	171.8	-18.1	0.00	0.00	0.00
3,200.0	7.00	98.45	3,189.1	-27.3	183.9	-19.3	0.00	0.00	0.00
3,300.0	7.00	98.45	3,288.3	-29.1	195.9	-20.6	0.00	0.00	0.00
3,400.0	7.00	98.45	3,387.6	-30.9	208.0	-21.9	0.00	0.00	0.00
3,500.0	7.00	98.45	3,486.8	-32.7	220.0	-23.1	0.00	0.00	0.00
3,600.0	7.00	98.45	3,586.1	-34.5	232.1	-24.4	0.00	0.00	0.00
3,700.0	7.00	98.45	3,685.3	-36.3	244.2	-25.7	0.00	0.00	0.00
3,800.0	7.00	98.45	3,784.6	-38.1	256.2	-27.0	0.00	0.00	0.00
3,900.0	7.00	98.45	3,883.8	-39.9	268.3	-28.2	0.00	0.00	0.00
4,000.0	7.00	98.45	3,983.1	-41.6	280.3	-29.5	0.00	0.00	0.00
4,100.0	7.00	98.45	4,082.4	-43.4	292.4	-30.8	0.00	0.00	0.00
4,200.0	7.00	98.45	4,181.6	-45.2	304.4	-32.0	0.00	0.00	0.00
4,300.0	7.00	98.45	4,280.9	-47.0	316.5	-33.3	0.00	0.00	0.00
4,400.0	7.00	98.45	4,380.1	-48.8	328.6	-34.6	0.00	0.00	0.00
4,500.0	7.00	98.45	4,479.4	-50.6	340.6	-35.8	0.00	0.00	0.00
4,600.0	7.00	98.45	4,578.6	-52.4	352.7	-37.1	0.00	0.00	0.00
4,700.0	7.00	98.45	4,677.9	-54.2	364.7	-38.4	0.00	0.00	0.00
4,800.0	7.00	98.45	4,777.1	-56.0	376.8	-39.6	0.00	0.00	0.00
4,900.0	7.00	98.45	4,876.4	-57.8	388.8	-40.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,000.0	7.00	98.45	4,975.6	-59.6	400.9	-42.2	0.00	0.00	0.00
5,100.0	7.00	98.45	5,074.9	-61.3	412.9	-43.4	0.00	0.00	0.00
5,200.0	7.00	98.45	5,174.2	-63.1	425.0	-44.7	0.00	0.00	0.00
5,300.0	7.00	98.45	5,273.4	-64.9	437.1	-46.0	0.00	0.00	0.00
5,400.0	7.00	98.45	5,372.7	-66.7	449.1	-47.2	0.00	0.00	0.00
5,500.0	7.00	98.45	5,471.9	-68.5	461.2	-48.5	0.00	0.00	0.00
5,600.0	7.00	98.45	5,571.2	-70.3	473.2	-49.8	0.00	0.00	0.00
5,700.0	7.00	98.45	5,670.4	-72.1	485.3	-51.0	0.00	0.00	0.00
5,800.0	7.00	98.45	5,769.7	-73.9	497.3	-52.3	0.00	0.00	0.00
5,900.0	7.00	98.45	5,868.9	-75.7	509.4	-53.6	0.00	0.00	0.00
5,928.9	7.00	98.45	5,897.7	-76.2	512.9	-54.0	0.00	0.00	0.00
Start Drop -1.00									
6,000.0	6.29	98.45	5,968.2	-77.4	521.0	-54.8	1.00	-1.00	0.00
6,100.0	5.29	98.45	6,067.7	-78.9	531.0	-55.9	1.00	-1.00	0.00
6,200.0	4.29	98.45	6,167.4	-80.1	539.3	-56.7	1.00	-1.00	0.00
6,300.0	3.29	98.45	6,267.2	-81.1	545.8	-57.4	1.00	-1.00	0.00
6,400.0	2.29	98.45	6,367.0	-81.8	550.6	-57.9	1.00	-1.00	0.00
6,500.0	1.29	98.45	6,467.0	-82.3	553.7	-58.2	1.00	-1.00	0.00
6,600.0	0.29	98.45	6,567.0	-82.5	555.1	-58.4	1.00	-1.00	0.00
6,629.0	0.00	0.00	6,596.0	-82.5	555.1	-58.4	1.00	-1.00	0.00
Start 3345.0 hold at 6629.0 MD									
6,700.0	0.00	0.00	6,667.0	-82.5	555.1	-58.4	0.00	0.00	0.00
6,800.0	0.00	0.00	6,767.0	-82.5	555.1	-58.4	0.00	0.00	0.00
6,900.0	0.00	0.00	6,867.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,000.0	0.00	0.00	6,967.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,100.0	0.00	0.00	7,067.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,200.0	0.00	0.00	7,167.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,300.0	0.00	0.00	7,267.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,400.0	0.00	0.00	7,367.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,500.0	0.00	0.00	7,467.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,600.0	0.00	0.00	7,567.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,700.0	0.00	0.00	7,667.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,800.0	0.00	0.00	7,767.0	-82.5	555.1	-58.4	0.00	0.00	0.00
7,900.0	0.00	0.00	7,867.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,000.0	0.00	0.00	7,967.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,100.0	0.00	0.00	8,067.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,200.0	0.00	0.00	8,167.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,300.0	0.00	0.00	8,267.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,400.0	0.00	0.00	8,367.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,500.0	0.00	0.00	8,467.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,600.0	0.00	0.00	8,567.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,700.0	0.00	0.00	8,667.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,800.0	0.00	0.00	8,767.0	-82.5	555.1	-58.4	0.00	0.00	0.00
8,900.0	0.00	0.00	8,867.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,000.0	0.00	0.00	8,967.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,100.0	0.00	0.00	9,067.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,200.0	0.00	0.00	9,167.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,300.0	0.00	0.00	9,267.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,400.0	0.00	0.00	9,367.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,500.0	0.00	0.00	9,467.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,600.0	0.00	0.00	9,567.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,700.0	0.00	0.00	9,667.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,800.0	0.00	0.00	9,767.0	-82.5	555.1	-58.4	0.00	0.00	0.00

ConocoPhillips

Planning Report

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Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

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)
9,900.0	0.00	0.00	9,867.0	-82.5	555.1	-58.4	0.00	0.00	0.00
9,974.1	0.00	0.00	9,941.0	-82.5	555.1	-58.4	0.00	0.00	0.00
Start DLS 10.00 TFO 359.87									
10,000.0	2.59	359.87	9,967.0	-81.9	555.1	-57.8	10.00	10.00	0.00
10,050.0	7.59	359.87	10,016.8	-77.4	555.1	-53.4	10.00	10.00	0.00
10,100.0	12.59	359.87	10,066.0	-68.7	555.1	-44.6	10.00	10.00	0.00
10,150.0	17.59	359.87	10,114.2	-55.7	555.1	-31.6	10.00	10.00	0.00
10,200.0	22.59	359.87	10,161.2	-38.5	555.0	-14.5	10.00	10.00	0.00
10,250.0	27.59	359.87	10,206.4	-17.3	555.0	6.7	10.00	10.00	0.00
10,300.0	32.59	359.87	10,249.7	7.8	554.9	31.7	10.00	10.00	0.00
10,350.0	37.59	359.87	10,290.6	36.5	554.9	60.4	10.00	10.00	0.00
10,400.0	42.59	359.87	10,328.8	68.7	554.8	92.6	10.00	10.00	0.00
10,450.0	47.59	359.87	10,364.1	104.1	554.7	128.0	10.00	10.00	0.00
10,500.0	52.59	359.87	10,396.2	142.4	554.6	166.3	10.00	10.00	0.00
10,550.0	57.59	359.87	10,424.8	183.4	554.5	207.2	10.00	10.00	0.00
10,600.0	62.59	359.87	10,449.7	226.8	554.4	250.5	10.00	10.00	0.00
10,650.0	67.59	359.87	10,470.7	272.1	554.3	295.8	10.00	10.00	0.00
10,700.0	72.59	359.87	10,487.8	319.1	554.2	342.7	10.00	10.00	0.00
10,750.0	77.59	359.87	10,500.6	367.4	554.1	391.0	10.00	10.00	0.00
10,800.0	82.59	359.87	10,509.2	416.6	554.0	440.2	10.00	10.00	0.00
10,850.0	87.59	359.87	10,513.5	466.4	553.9	489.9	10.00	10.00	0.00
10,872.1	89.80	359.87	10,514.0	488.5	553.8	512.0	10.00	10.00	0.00
Start 11564.0 hold at 10872.1 MD									
10,900.0	89.80	359.87	10,514.1	516.4	553.8	539.9	0.00	0.00	0.00
11,000.0	89.80	359.87	10,514.4	616.4	553.6	639.8	0.00	0.00	0.00
11,100.0	89.80	359.87	10,514.8	716.4	553.3	739.7	0.00	0.00	0.00
11,200.0	89.80	359.87	10,515.1	816.4	553.1	839.6	0.00	0.00	0.00
11,300.0	89.80	359.87	10,515.5	916.4	552.9	939.5	0.00	0.00	0.00
11,400.0	89.80	359.87	10,515.9	1,016.4	552.6	1,039.4	0.00	0.00	0.00
11,500.0	89.80	359.87	10,516.2	1,116.4	552.4	1,139.2	0.00	0.00	0.00
11,600.0	89.80	359.87	10,516.6	1,216.4	552.2	1,239.1	0.00	0.00	0.00
11,700.0	89.80	359.87	10,516.9	1,316.4	552.0	1,339.0	0.00	0.00	0.00
11,800.0	89.80	359.87	10,517.3	1,416.4	551.7	1,438.9	0.00	0.00	0.00
11,900.0	89.80	359.87	10,517.6	1,516.4	551.5	1,538.8	0.00	0.00	0.00
12,000.0	89.80	359.87	10,518.0	1,616.4	551.3	1,638.7	0.00	0.00	0.00
12,100.0	89.80	359.87	10,518.3	1,716.4	551.1	1,738.6	0.00	0.00	0.00
12,200.0	89.80	359.87	10,518.7	1,816.4	550.8	1,838.5	0.00	0.00	0.00
12,300.0	89.80	359.87	10,519.0	1,916.4	550.6	1,938.4	0.00	0.00	0.00
12,400.0	89.80	359.87	10,519.4	2,016.4	550.4	2,038.3	0.00	0.00	0.00
12,500.0	89.80	359.87	10,519.7	2,116.4	550.2	2,138.2	0.00	0.00	0.00
12,600.0	89.80	359.87	10,520.1	2,216.4	549.9	2,238.1	0.00	0.00	0.00
12,700.0	89.80	359.87	10,520.4	2,316.4	549.7	2,338.0	0.00	0.00	0.00
12,800.0	89.80	359.87	10,520.8	2,416.4	549.5	2,437.9	0.00	0.00	0.00
12,900.0	89.80	359.87	10,521.1	2,516.4	549.2	2,537.8	0.00	0.00	0.00
13,000.0	89.80	359.87	10,521.5	2,616.4	549.0	2,637.7	0.00	0.00	0.00
13,100.0	89.80	359.87	10,521.8	2,716.4	548.8	2,737.6	0.00	0.00	0.00
13,200.0	89.80	359.87	10,522.2	2,816.4	548.6	2,837.5	0.00	0.00	0.00
13,300.0	89.80	359.87	10,522.5	2,916.4	548.3	2,937.4	0.00	0.00	0.00
13,400.0	89.80	359.87	10,522.9	3,016.4	548.1	3,037.3	0.00	0.00	0.00
13,500.0	89.80	359.87	10,523.2	3,116.4	547.9	3,137.2	0.00	0.00	0.00
13,600.0	89.80	359.87	10,523.6	3,216.4	547.7	3,237.1	0.00	0.00	0.00
13,700.0	89.80	359.87	10,523.9	3,316.4	547.4	3,337.0	0.00	0.00	0.00
13,800.0	89.80	359.87	10,524.3	3,416.4	547.2	3,436.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,900.0	89.80	359.87	10,524.6	3,516.4	547.0	3,536.7	0.00	0.00	0.00
14,000.0	89.80	359.87	10,525.0	3,616.4	546.8	3,636.6	0.00	0.00	0.00
14,100.0	89.80	359.87	10,525.3	3,716.4	546.5	3,736.5	0.00	0.00	0.00
14,200.0	89.80	359.87	10,525.7	3,816.4	546.3	3,836.4	0.00	0.00	0.00
14,300.0	89.80	359.87	10,526.0	3,916.4	546.1	3,936.3	0.00	0.00	0.00
14,400.0	89.80	359.87	10,526.4	4,016.4	545.8	4,036.2	0.00	0.00	0.00
14,500.0	89.80	359.87	10,526.7	4,116.4	545.6	4,136.1	0.00	0.00	0.00
14,600.0	89.80	359.87	10,527.1	4,216.4	545.4	4,236.0	0.00	0.00	0.00
14,700.0	89.80	359.87	10,527.4	4,316.4	545.2	4,335.9	0.00	0.00	0.00
14,800.0	89.80	359.87	10,527.8	4,416.4	544.9	4,435.8	0.00	0.00	0.00
14,900.0	89.80	359.87	10,528.1	4,516.4	544.7	4,535.7	0.00	0.00	0.00
15,000.0	89.80	359.87	10,528.5	4,616.4	544.5	4,635.6	0.00	0.00	0.00
15,100.0	89.80	359.87	10,528.8	4,716.4	544.3	4,735.5	0.00	0.00	0.00
15,200.0	89.80	359.87	10,529.2	4,816.4	544.0	4,835.4	0.00	0.00	0.00
15,300.0	89.80	359.87	10,529.5	4,916.4	543.8	4,935.3	0.00	0.00	0.00
15,400.0	89.80	359.87	10,529.9	5,016.4	543.6	5,035.2	0.00	0.00	0.00
15,500.0	89.80	359.87	10,530.2	5,116.4	543.3	5,135.1	0.00	0.00	0.00
15,600.0	89.80	359.87	10,530.6	5,216.4	543.1	5,235.0	0.00	0.00	0.00
15,700.0	89.80	359.87	10,530.9	5,316.4	542.9	5,334.9	0.00	0.00	0.00
15,800.0	89.80	359.87	10,531.3	5,416.4	542.7	5,434.8	0.00	0.00	0.00
15,900.0	89.80	359.87	10,531.6	5,516.4	542.4	5,534.7	0.00	0.00	0.00
16,000.0	89.80	359.87	10,532.0	5,616.4	542.2	5,634.6	0.00	0.00	0.00
16,100.0	89.80	359.87	10,532.3	5,716.4	542.0	5,734.5	0.00	0.00	0.00
16,200.0	89.80	359.87	10,532.7	5,816.4	541.8	5,834.4	0.00	0.00	0.00
16,300.0	89.80	359.87	10,533.0	5,916.4	541.5	5,934.2	0.00	0.00	0.00
16,400.0	89.80	359.87	10,533.4	6,016.4	541.3	6,034.1	0.00	0.00	0.00
16,500.0	89.80	359.87	10,533.7	6,116.4	541.1	6,134.0	0.00	0.00	0.00
16,600.0	89.80	359.87	10,534.1	6,216.4	540.9	6,233.9	0.00	0.00	0.00
16,700.0	89.80	359.87	10,534.4	6,316.4	540.6	6,333.8	0.00	0.00	0.00
16,800.0	89.80	359.87	10,534.8	6,416.4	540.4	6,433.7	0.00	0.00	0.00
16,900.0	89.80	359.87	10,535.1	6,516.4	540.2	6,533.6	0.00	0.00	0.00
17,000.0	89.80	359.87	10,535.5	6,616.4	539.9	6,633.5	0.00	0.00	0.00
17,100.0	89.80	359.87	10,535.8	6,716.4	539.7	6,733.4	0.00	0.00	0.00
17,200.0	89.80	359.87	10,536.2	6,816.4	539.5	6,833.3	0.00	0.00	0.00
17,300.0	89.80	359.87	10,536.5	6,916.4	539.3	6,933.2	0.00	0.00	0.00
17,400.0	89.80	359.87	10,536.9	7,016.4	539.0	7,033.1	0.00	0.00	0.00
17,500.0	89.80	359.87	10,537.2	7,116.4	538.8	7,133.0	0.00	0.00	0.00
17,600.0	89.80	359.87	10,537.6	7,216.4	538.6	7,232.9	0.00	0.00	0.00
17,700.0	89.80	359.87	10,537.9	7,316.4	538.4	7,332.8	0.00	0.00	0.00
17,800.0	89.80	359.87	10,538.3	7,416.4	538.1	7,432.7	0.00	0.00	0.00
17,900.0	89.80	359.87	10,538.6	7,516.4	537.9	7,532.6	0.00	0.00	0.00
18,000.0	89.80	359.87	10,539.0	7,616.4	537.7	7,632.5	0.00	0.00	0.00
18,100.0	89.80	359.87	10,539.3	7,716.4	537.5	7,732.4	0.00	0.00	0.00
18,200.0	89.80	359.87	10,539.7	7,816.4	537.2	7,832.3	0.00	0.00	0.00
18,300.0	89.80	359.87	10,540.0	7,916.4	537.0	7,932.2	0.00	0.00	0.00
18,400.0	89.80	359.87	10,540.4	8,016.4	536.8	8,032.1	0.00	0.00	0.00
18,500.0	89.80	359.87	10,540.7	8,116.4	536.5	8,132.0	0.00	0.00	0.00
18,600.0	89.80	359.87	10,541.1	8,216.4	536.3	8,231.9	0.00	0.00	0.00
18,700.0	89.80	359.87	10,541.4	8,316.3	536.1	8,331.7	0.00	0.00	0.00
18,800.0	89.80	359.87	10,541.8	8,416.3	535.9	8,431.6	0.00	0.00	0.00
18,900.0	89.80	359.87	10,542.1	8,516.3	535.6	8,531.5	0.00	0.00	0.00
19,000.0	89.80	359.87	10,542.5	8,616.3	535.4	8,631.4	0.00	0.00	0.00
19,100.0	89.80	359.87	10,542.8	8,716.3	535.2	8,731.3	0.00	0.00	0.00

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Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,200.0	89.80	359.87	10,543.2	8,816.3	535.0	8,831.2	0.00	0.00	0.00
19,300.0	89.80	359.87	10,543.5	8,916.3	534.7	8,931.1	0.00	0.00	0.00
19,400.0	89.80	359.87	10,543.9	9,016.3	534.5	9,031.0	0.00	0.00	0.00
19,500.0	89.80	359.87	10,544.2	9,116.3	534.3	9,130.9	0.00	0.00	0.00
19,600.0	89.80	359.87	10,544.6	9,216.3	534.1	9,230.8	0.00	0.00	0.00
19,700.0	89.80	359.87	10,545.0	9,316.3	533.8	9,330.7	0.00	0.00	0.00
19,800.0	89.80	359.87	10,545.3	9,416.3	533.6	9,430.6	0.00	0.00	0.00
19,900.0	89.80	359.87	10,545.7	9,516.3	533.4	9,530.5	0.00	0.00	0.00
20,000.0	89.80	359.87	10,546.0	9,616.3	533.1	9,630.4	0.00	0.00	0.00
20,100.0	89.80	359.87	10,546.4	9,716.3	532.9	9,730.3	0.00	0.00	0.00
20,200.0	89.80	359.87	10,546.7	9,816.3	532.7	9,830.2	0.00	0.00	0.00
20,300.0	89.80	359.87	10,547.1	9,916.3	532.5	9,930.1	0.00	0.00	0.00
20,400.0	89.80	359.87	10,547.4	10,016.3	532.2	10,030.0	0.00	0.00	0.00
20,500.0	89.80	359.87	10,547.8	10,116.3	532.0	10,129.9	0.00	0.00	0.00
20,600.0	89.80	359.87	10,548.1	10,216.3	531.8	10,229.8	0.00	0.00	0.00
20,700.0	89.80	359.87	10,548.5	10,316.3	531.6	10,329.7	0.00	0.00	0.00
20,800.0	89.80	359.87	10,548.8	10,416.3	531.3	10,429.6	0.00	0.00	0.00
20,900.0	89.80	359.87	10,549.2	10,516.3	531.1	10,529.5	0.00	0.00	0.00
21,000.0	89.80	359.87	10,549.5	10,616.3	530.9	10,629.4	0.00	0.00	0.00
21,100.0	89.80	359.87	10,549.9	10,716.3	530.6	10,729.3	0.00	0.00	0.00
21,200.0	89.80	359.87	10,550.2	10,816.3	530.4	10,829.1	0.00	0.00	0.00
21,300.0	89.80	359.87	10,550.6	10,916.3	530.2	10,929.0	0.00	0.00	0.00
21,400.0	89.80	359.87	10,550.9	11,016.3	530.0	11,028.9	0.00	0.00	0.00
21,500.0	89.80	359.87	10,551.3	11,116.3	529.7	11,128.8	0.00	0.00	0.00
21,600.0	89.80	359.87	10,551.6	11,216.3	529.5	11,228.7	0.00	0.00	0.00
21,700.0	89.80	359.87	10,552.0	11,316.3	529.3	11,328.6	0.00	0.00	0.00
21,800.0	89.80	359.87	10,552.3	11,416.3	529.1	11,428.5	0.00	0.00	0.00
21,900.0	89.80	359.87	10,552.7	11,516.3	528.8	11,528.4	0.00	0.00	0.00
22,000.0	89.80	359.87	10,553.0	11,616.3	528.6	11,628.3	0.00	0.00	0.00
22,100.0	89.80	359.87	10,553.4	11,716.3	528.4	11,728.2	0.00	0.00	0.00
22,200.0	89.80	359.87	10,553.7	11,816.3	528.2	11,828.1	0.00	0.00	0.00
22,300.0	89.80	359.87	10,554.1	11,916.3	527.9	11,928.0	0.00	0.00	0.00
22,400.0	89.80	359.87	10,554.4	12,016.3	527.7	12,027.9	0.00	0.00	0.00
22,436.1	89.80	359.87	10,554.5	12,052.4	527.6	12,063.9	0.00	0.00	0.00
Start 130.0 hold at 22436.1 MD									
22,500.0	89.80	359.87	10,554.8	12,116.3	527.5	12,127.8	0.00	0.00	0.00
22,566.0	89.80	359.87	10,555.0	12,182.3	527.3	12,193.8	0.00	0.00	0.00
TD at 22566.0									

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Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #908H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3073ft @ 3105.0usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (POTATO BABY ST	0.00	0.00	10,514.0	-82.5	555.1	364,101.21	578,953.62	32° 0' 2.779 N	104° 4' 43.097 W
- plan misses target center by 237.3usft at 10423.7usft MD (10345.9 TVD, 85.1 N, 554.8 E)									
- Circle (radius 50.0)									
LTP (POTATO BABY ST	0.00	0.00	10,554.5	12,052.4	527.6	376,236.05	578,926.10	32° 2' 2.874 N	104° 4' 43.085 W
- plan hits target center									
- Point									
BHL (POTATO BABY ST	0.20	359.87	10,555.0	12,182.4	527.1	376,366.04	578,925.55	32° 2' 4.160 N	104° 4' 43.087 W
- plan misses target center by 0.3usft at 22566.0usft MD (10555.0 TVD, 12182.3 N, 527.3 E)									
- Rectangle (sides W100.0 H12,265.1 D20.0)									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,500.0	1,500.0	0.0	0.0	Start Build 2.00
1,850.0	1,849.2	-3.1	21.1	Start 4078.9 hold at 1850.0 MD
5,928.9	5,897.7	-76.2	512.9	Start Drop -1.00
6,629.0	6,596.0	-82.5	555.1	Start 3345.0 hold at 6629.0 MD
9,974.1	9,941.0	-82.5	555.1	Start DLS 10.00 TFO 359.87
10,872.1	10,514.0	488.5	553.8	Start 11564.0 hold at 10872.1 MD
22,436.1	10,554.5	12,052.4	527.6	Start 130.0 hold at 22436.1 MD
22,566.0	10,555.0	12,182.3	527.3	TD at 22566.0

Received by OCD: 9/22/2022 7:45:11 AM

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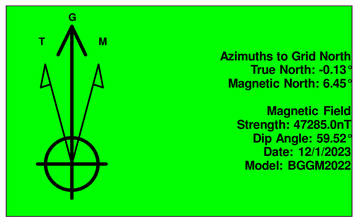
Project:	ATLAS PROSPECT (NM-E)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)
Well:	POTATO BABY STATE COM #908H
Wellbore:	OWB
Design:	PWP0.1
GL:	3073.0
RKB 32ft + GL 3073ft @ 3105.0usft	



Azimuths to Grid North
True North: -0.13°
Magnetic North: 6.45°

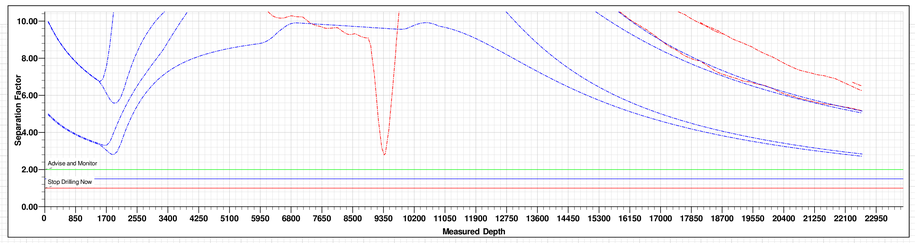
Magnetic Field
Strength: 47285.0nT
Dip Angle: 59.52°
Date: 12/1/2023
Model: BGGM2022

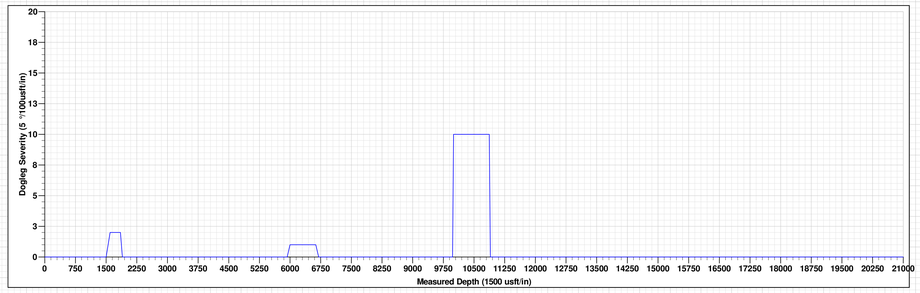
WELL DETAILS: POTATO BABY STATE COM #908H

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.0	0.0	364183.68	578398.48	32° 0' 3.608 N	104° 4' 49.542 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
FTP (POTATO BABY STATE COM #908H)	10514.0	-82.5	555.1	364101.21	578953.62	Circle (Radius: 50.0)
LTP (POTATO BABY STATE COM #908H)	10554.5	12052.4	527.6	376236.05	578926.10	Point
BHL (POTATO BABY STATE COM #908H)	10555.0	12182.4	527.1	376366.04	578925.55	Rectangle (Sides: L12265.1 W100.0)





PWP0.1

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
1850.0	7.00	98.45	1849.2	-3.1	21.1	-2.2	21.4	Start 4078.9 hold at 1850.0 MD
5928.9	7.00	98.45	5897.7	-76.2	512.9	-54.0	518.5	Start Drop -1.00
6629.0	0.00	0.00	6596.0	-82.5	555.1	-58.4	561.2	Start 3345.0 hold at 6629.0 MD
9974.1	0.00	0.00	9941.0	-82.5	555.1	-58.4	561.2	Start DLS 10.00 TFO 359.87
10872.1	89.80	359.87	10514.0	488.5	553.8	512.0	1132.2	Start 11564.0 hold at 10872.1 MD
22436.1	89.80	359.87	10554.5	12052.4	527.6	12063.9	12696.1	Start 130.0 hold at 22436.1 MD
22566.0	89.80	359.87	10555.0	12182.3	527.3	12193.8	12826.1	TD at 22566.0