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 325578

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 30-015-50009

4. Property Code	5. Property Name	6. Well No.
329348	POTATO BABY STATE COM	907H

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	785	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	1800	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	OIL		State	3072
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	22440	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	9500	960	0
Prod	6.75	5.5	23	22440	1677	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- 50009	98220	Purple Sage; Wolfcamp (Gas)

4 Property Code	5 Property Name	6 Well Number
329348	POTATO BABY STATE COM	907H

7 OGRID No.	8 Operator Name	9 Elevation
229137	COG OPERATING LLC	3072.65'

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	785'	WEST	EDDY

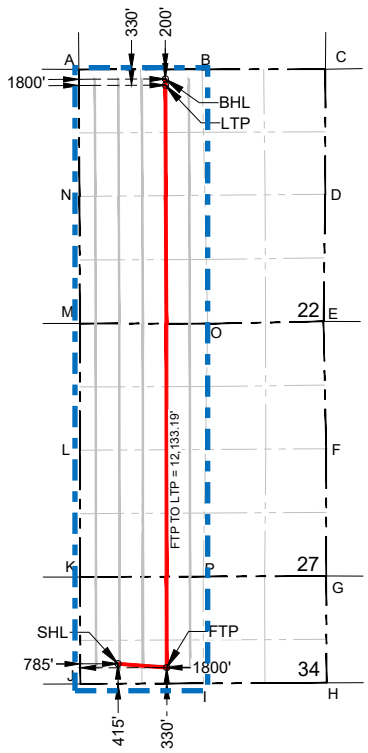
11 Bottom Hole Location If Different From Surface

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	1800'	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=619613.43 LAT.= 32.00112710° N
Y=364240.94 LONG.= -104.08081788° W
415' FSL, 785' FWL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=620628.76 LAT.= 32.00089926° N
Y=364160.45 LONG.= -104.07754310° W
330' FSL, 1800' FWL - SECTION 34

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=620600.98 LAT.= 32.03425306° N
Y=376293.59 LONG.= -104.07754007° W
330' FNL, 1800' FWL - SECTION 22

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=620600.44 LAT.= 32.03461043° N
Y=376423.59 LONG.= -104.07754083° W
200' FNL, 1800' 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 325578

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
COG OPERATING LLC [229137] 600 W Illinois Ave Midland, TX 79701	30-015-50009
	Well: POTATO BABY STATE COM #907H

OCD Reviewer	Condition
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	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

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CARLSBAD FIRE DEPARTMENT	575-885-3125
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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 907H

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#	9,500’	960	0’
Production	6-3/4”	5-1/2”	23#	22,440’	1,677	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 ~9,500’ 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 ~22,440’ 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 #907H

OWB
PWP0.1

Anticollision Report

19 August, 2022

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	9,854.7	PWP0.1 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5
9,854.7	22,444.7	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
KRAKEN ST COM PROJECT						
KRAKEN ST COM #701H - OWB - PWP1						Out of range
PEACEKEEPER						
BOWSER SWD #1 - OWB - SWD	6,023.6	5,933.8	1,119.0	1,084.8	32.664	CC
BOWSER SWD #1 - OWB - SWD	9,854.7	9,752.3	1,127.8	1,076.3	21.922	ES
BOWSER SWD #1 - OWB - SWD	9,900.0	9,797.6	1,129.5	1,077.9	21.862	SF
WETHERBEE #401H - OWB - AWP	7,763.2	7,692.5	823.3	781.4	19.663	CC
WETHERBEE #401H - OWB - AWP	7,790.0	7,716.0	823.4	781.4	19.616	ES
WETHERBEE #401H - OWB - AWP	9,120.0	9,007.0	857.7	811.4	18.500	SF
WETHERBEE #402H - OWB - AWP						Out of range
WETHERBEE #424H - OWB - AWP	10,100.0	15,475.0	593.8	538.2	10.672	SF
WETHERBEE #424H - OWB - AWP	10,244.5	15,475.0	558.3	510.2	11.592	CC, ES
WETHERBEE C ALLOCATION #407H - OWB - AWP						Out of range
WETHERBEE D ALLOCATION #408H - OWB - AWP	7,374.7	7,292.1	683.4	657.3	26.165	CC, ES
WETHERBEE D ALLOCATION #408H - OWB - AWP	7,695.0	7,515.4	696.9	670.1	25.933	SF
WETHERBEE UNIT #423H - OWB - AWP						Out of range

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #11H - OWB - AWP						Out of range
DIAMONDBACK 22 STATE COM #1H - OWB - AWP						Out of range
DIAMONDBACK 22 STATE COM #3H - OWB - AWP						Out of range
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 #701H - 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	9,452.9	9,437.9	148.3	92.5	2.658	CC, ES, SF
POTATO BABY STATE COM #705H - OWB - AWP	4,640.8	4,579.2	187.7	171.9	11.858	CC, ES
POTATO BABY STATE COM #705H - OWB - AWP	22,444.7	21,737.0	888.2	690.8	4.499	SF
POTATO BABY STATE COM #706H - OWB - AWP	3,135.0	3,121.3	120.4	109.0	10.629	SF
POTATO BABY STATE COM #706H - OWB - AWP	3,153.4	3,138.9	120.2	108.9	10.641	CC, ES
POTATO BABY STATE COM #902H - OWB - PWP0.1						Out of range
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	10,945.6	10,670.4	1,038.8	977.4	16.916	CC
POTATO BABY STATE COM #905H - OWB - PWP0.1	22,444.7	22,170.0	1,042.8	846.9	5.323	ES, SF
POTATO BABY STATE COM #906H - OWB - PWP0.1	2,104.5	2,098.0	29.6	17.3	2.413	CC, ES
POTATO BABY STATE COM #906H - OWB - PWP0.1	2,185.0	2,177.7	30.7	18.0	2.407	SF
POTATO BABY STATE COM #908H - OWB - PWP0.1	1,818.9	1,822.5	29.8	19.3	2.850	CC, ES
POTATO BABY STATE COM #908H - OWB - PWP0.1	22,444.7	22,564.5	525.4	332.1	2.718	SF
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,501.3	1,501.7	60.0	51.1	6.753	CC
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,520.0	1,520.7	60.0	51.1	6.707	ES
POTATO BABY STATE COM #909H - OWB - PWP0.1	22,444.7	22,328.4	980.5	788.5	5.108	SF
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,437.2	1,438.1	90.0	81.2	10.260	CC
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,500.0	1,500.0	90.0	81.1	10.137	ES
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,520.0	1,520.3	90.1	81.2	10.066	SF
SKEEN 34 STATE COM #1H (P&A) - OWB - AWP						Out of range
SRO STATE #61H - 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

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	22,444.7	10,317.0				Out of Range @TD
KRAKEN ST COM PROJECT						
KRAKEN ST COM #701H - OWB - PWP1	22,444.7	25,252.5				Out of Range @TD
PEACEKEEPER						
BOWSER SWD #1 - OWB - SWD	22,444.7	10,365.3				Out of Range @TD
WETHERBEE #401H - OWB - AWP	22,444.7	9,453.0				Out of Range @TD
WETHERBEE #402H - OWB - AWP	22,444.7	10,017.4				Out of Range @TD
WETHERBEE #424H - OWB - AWP	22,444.7	15,475.0				Out of Range @TD
WETHERBEE C ALLOCATION #407H - OWB - AWP	22,444.7	7,781.0				Out of Range @TD
WETHERBEE D ALLOCATION #408H - OWB - AWP	22,444.7	7,531.0				Out of Range @TD
WETHERBEE UNIT #423H - OWB - AWP	22,444.7	15,385.0				Out of Range @TD
POTATO BABY STATE PROJECT (ATLAS 2628)						
DIAMONDBACK 22 STATE COM #11H - OWB - AWP	22,444.7	9,061.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #1H - OWB - AWP	22,444.7	8,246.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #3H - OWB - AWP	22,444.7	10,133.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #4H - OWB - AWP	22,444.7	8,293.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #6H - OWB - AWP	22,444.7	8,185.2				Out of Range @TD
GRAHAM NASH STATE COM #5H - OWB - AWP	22,444.7	14,810.0				Out of Range @TD
POTATO BABY STATE COM #701H - OWB - AWP	22,444.7	16,584.0				Out of Range @TD
POTATO BABY STATE COM #702H - OWB - AWP	22,444.7	20,709.0				Out of Range @TD
POTATO BABY STATE COM #703H - OWB - AWP	22,444.7	21,932.6				Out of Range @TD
POTATO BABY STATE COM #704H - OWB - AWP	22,444.7	21,915.0	831.9	629.7	4.114	
POTATO BABY STATE COM #705H - OWB - AWP	22,444.7	21,737.0	888.2	690.8	4.499	SF
POTATO BABY STATE COM #706H - OWB - AWP	22,444.7	21,821.0				Out of Range @TD
POTATO BABY STATE COM #902H - OWB - PWP0.1	22,444.7	18,284.8				Out of Range @TD
POTATO BABY STATE COM #903H - OWB - PWP0.1	22,444.7	22,394.8				Out of Range @TD
POTATO BABY STATE COM #904H - OWB - PWP0.1	22,444.7	22,663.2				Out of Range @TD
POTATO BABY STATE COM #905H - OWB - PWP0.1	22,444.7	22,170.0	1,042.8	846.9	5.323	ES, SF
POTATO BABY STATE COM #906H - OWB - PWP0.1	22,444.7	22,723.5	534.8	339.1	2.733	
POTATO BABY STATE COM #908H - OWB - PWP0.1	22,444.7	22,564.5	525.4	332.1	2.718	SF
POTATO BABY STATE COM #909H - OWB - PWP0.1	22,444.7	22,328.4	980.5	788.5	5.108	SF
POTATO BABY STATE COM #910H - OWB - PWP0.1	22,444.7	22,531.7				Out of Range @TD
SKEEN 34 STATE COM #1H (P&A) - OWB - AWP	22,444.7	13,334.0				Out of Range @TD
SRO STATE #61H - OWB - AWP	22,444.7	12,702.0				Out of Range @TD
SRO STATE #62H - OWB - AWP	22,444.7	12,575.0				Out of Range @TD
SRO STATE COM #63H - OWB - AWP	22,444.7	15,676.0				Out of Range @TD
SRO STATE COM #64H - OWB - AWP	22,444.7	16,852.0				Out of Range @TD

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,660.0	2,643.4	2,643.7	2,643.7	8.6	10.7	58.56	-1,185.0	787.1	1,319.6	1,302.2	17.39	75.893	
2,700.0	2,682.5	2,682.8	2,682.8	8.7	10.8	58.87	-1,185.0	787.1	1,315.2	1,297.6	17.60	74.736	
2,755.0	2,736.3	2,736.6	2,736.6	8.9	11.0	59.29	-1,185.0	787.1	1,309.2	1,291.3	17.89	73.190	
2,800.0	2,780.3	2,780.6	2,780.6	9.1	11.2	59.64	-1,185.0	787.1	1,304.4	1,286.3	18.13	71.965	
2,850.0	2,829.2	2,829.5	2,829.5	9.3	11.3	60.03	-1,185.0	787.1	1,299.1	1,280.7	18.39	70.642	
2,900.0	2,878.1	2,878.4	2,878.4	9.5	11.5	60.42	-1,185.0	787.1	1,293.8	1,275.2	18.65	69.362	
2,945.0	2,922.2	2,922.5	2,922.5	9.6	11.6	60.77	-1,185.0	787.1	1,289.1	1,270.3	18.89	68.242	
3,000.0	2,976.0	2,976.3	2,976.3	9.8	11.8	61.21	-1,185.0	787.1	1,283.5	1,264.3	19.18	66.916	
3,040.0	3,015.1	3,015.4	3,015.4	10.0	12.0	61.53	-1,185.0	787.1	1,279.5	1,260.1	19.39	65.979	
3,100.0	3,073.8	3,074.1	3,074.1	10.2	12.2	62.02	-1,185.0	787.1	1,273.5	1,253.7	19.71	64.618	
3,135.0	3,108.0	3,108.3	3,108.3	10.4	12.3	62.30	-1,185.0	787.1	1,270.0	1,250.1	19.89	63.846	
3,200.0	3,171.6	3,171.9	3,171.9	10.6	12.5	62.84	-1,185.0	787.1	1,263.7	1,243.4	20.23	62.457	
3,230.0	3,200.9	3,201.2	3,201.2	10.7	12.6	63.08	-1,185.0	787.1	1,260.8	1,240.4	20.39	61.834	
3,300.0	3,269.4	3,269.7	3,269.7	11.0	12.9	63.67	-1,185.0	787.1	1,254.1	1,233.4	20.76	60.425	
3,325.0	3,293.9	3,294.2	3,294.2	11.1	12.9	63.88	-1,185.0	787.1	1,251.8	1,230.9	20.89	59.935	
3,400.0	3,367.2	3,367.5	3,367.5	11.4	13.2	64.51	-1,185.0	787.1	1,244.9	1,223.6	21.28	58.513	
3,420.0	3,386.8	3,387.1	3,387.1	11.5	13.3	64.68	-1,185.0	787.1	1,243.1	1,221.7	21.38	58.144	
3,500.0	3,465.0	3,465.3	3,465.3	11.8	13.5	65.36	-1,185.0	787.1	1,235.9	1,214.1	21.79	56.713	
3,515.0	3,479.7	3,480.0	3,480.0	11.9	13.6	65.49	-1,185.0	787.1	1,234.6	1,212.7	21.87	56.452	
3,600.0	3,562.8	3,563.1	3,563.1	12.2	13.9	66.23	-1,185.0	787.1	1,227.2	1,204.9	22.31	55.018	
3,610.0	3,572.6	3,572.9	3,572.9	12.3	13.9	66.32	-1,185.0	787.1	1,226.4	1,204.0	22.36	54.853	
3,700.0	3,660.7	3,661.0	3,661.0	12.7	14.2	67.11	-1,185.0	787.1	1,218.9	1,196.0	22.82	53.420	
3,705.0	3,665.6	3,665.9	3,665.9	12.7	14.2	67.15	-1,185.0	787.1	1,218.4	1,195.6	22.84	53.342	
3,800.0	3,758.5	3,758.8	3,758.8	13.1	14.6	68.00	-1,185.0	787.1	1,210.8	1,187.4	23.32	51.913	
3,895.0	3,851.4	3,851.7	3,851.7	13.5	14.9	68.85	-1,185.0	787.1	1,203.4	1,179.6	23.80	50.561	
3,900.0	3,856.3	3,856.6	3,856.6	13.5	14.9	68.90	-1,185.0	787.1	1,203.0	1,179.2	23.83	50.492	
3,990.0	3,944.3	3,944.6	3,944.6	13.9	15.2	69.72	-1,185.0	787.1	1,196.2	1,172.0	24.27	49.281	
4,000.0	3,954.1	3,954.4	3,954.4	13.9	15.3	69.81	-1,185.0	787.1	1,195.5	1,171.2	24.32	49.150	
4,085.0	4,037.2	4,037.5	4,037.5	14.3	15.6	70.59	-1,185.0	787.1	1,189.4	1,164.7	24.74	48.067	
4,100.0	4,051.9	4,052.2	4,052.2	14.4	15.6	70.73	-1,185.0	787.1	1,188.4	1,163.5	24.82	47.882	
4,180.0	4,130.2	4,130.5	4,130.5	14.7	15.9	71.48	-1,185.0	787.1	1,182.9	1,157.6	25.21	46.917	
4,200.0	4,149.7	4,150.0	4,150.0	14.8	16.0	71.67	-1,185.0	787.1	1,181.5	1,156.2	25.31	46.682	
4,275.0	4,223.1	4,223.4	4,223.4	15.1	16.2	72.37	-1,185.0	787.1	1,176.6	1,150.9	25.68	45.826	
4,300.0	4,247.6	4,247.9	4,247.9	15.3	16.3	72.61	-1,185.0	787.1	1,175.0	1,149.2	25.80	45.548	
4,370.0	4,316.0	4,316.3	4,316.3	15.6	16.5	73.27	-1,185.0	787.1	1,170.7	1,144.5	26.14	44.789	
4,400.0	4,345.4	4,345.7	4,345.7	15.7	16.6	73.56	-1,185.0	787.1	1,168.8	1,142.6	26.28	44.473	
4,465.0	4,408.9	4,409.2	4,409.2	16.0	16.9	74.19	-1,185.0	787.1	1,165.0	1,138.4	26.60	43.805	
4,500.0	4,443.2	4,443.5	4,443.5	16.1	17.0	74.52	-1,185.0	787.1	1,163.0	1,136.2	26.76	43.455	
4,560.0	4,501.9	4,502.2	4,502.2	16.4	17.2	75.11	-1,185.0	787.1	1,159.7	1,132.6	27.05	42.869	
4,600.0	4,541.0	4,541.3	4,541.3	16.6	17.3	75.50	-1,185.0	787.1	1,157.5	1,130.3	27.24	42.488	
4,655.0	4,594.8	4,595.1	4,595.1	16.8	17.5	76.03	-1,185.0	787.1	1,154.6	1,127.1	27.51	41.978	
4,700.0	4,638.8	4,639.1	4,639.1	17.0	17.7	76.48	-1,185.0	787.1	1,152.4	1,124.7	27.72	41.571	
4,750.0	4,687.7	4,688.0	4,688.0	17.2	17.9	76.97	-1,185.0	787.1	1,149.9	1,122.0	27.96	41.129	
4,800.0	4,736.6	4,736.9	4,736.9	17.5	18.0	77.46	-1,185.0	787.1	1,147.6	1,119.4	28.20	40.698	
4,845.0	4,780.6	4,780.9	4,780.9	17.7	18.2	77.91	-1,185.0	787.1	1,145.5	1,117.1	28.41	40.320	
4,900.0	4,834.4	4,834.7	4,834.7	17.9	18.4	78.46	-1,185.0	787.1	1,143.2	1,114.5	28.67	39.868	
4,940.0	4,873.6	4,873.9	4,873.9	18.1	18.5	78.86	-1,185.0	787.1	1,141.5	1,112.6	28.86	39.547	
5,000.0	4,932.3	4,932.6	4,932.6	18.4	18.7	79.46	-1,185.0	787.1	1,139.1	1,109.9	29.15	39.077	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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

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
5,035.0	4,966.5	4,966.8	4,966.8	18.5	18.8	79.82	-1,185.0	787.1	1,137.8	1,108.4	29.32	38.809	
5,100.0	5,030.1	5,030.4	5,030.4	18.8	19.1	80.47	-1,185.0	787.1	1,135.4	1,105.8	29.63	38.323	
5,130.0	5,059.4	5,059.7	5,059.7	19.0	19.2	80.78	-1,185.0	787.1	1,134.4	1,104.6	29.77	38.103	
5,200.0	5,127.9	5,128.2	5,128.2	19.3	19.4	81.49	-1,185.0	787.1	1,132.1	1,102.0	30.11	37.602	
5,225.0	5,152.3	5,152.6	5,152.6	19.4	19.5	81.74	-1,185.0	787.1	1,131.3	1,101.1	30.23	37.427	
5,300.0	5,225.7	5,226.0	5,226.0	19.7	19.8	82.51	-1,185.0	787.1	1,129.1	1,098.5	30.59	36.912	
5,320.0	5,245.3	5,245.6	5,245.6	19.8	19.8	82.71	-1,185.0	787.1	1,128.6	1,097.9	30.69	36.778	
5,400.0	5,323.5	5,323.8	5,323.8	20.2	20.1	83.53	-1,185.0	787.1	1,126.5	1,095.4	31.07	36.252	
5,415.0	5,338.2	5,338.5	5,338.5	20.2	20.2	83.69	-1,185.0	787.1	1,126.2	1,095.0	31.15	36.155	
5,500.0	5,421.3	5,421.6	5,421.6	20.6	20.5	84.56	-1,185.0	787.1	1,124.3	1,092.8	31.57	35.618	
5,510.0	5,431.1	5,431.4	5,431.4	20.7	20.5	84.67	-1,185.0	787.1	1,124.1	1,092.5	31.62	35.556	
5,600.0	5,519.1	5,519.4	5,519.4	21.1	20.8	85.60	-1,185.0	787.1	1,122.5	1,090.4	32.06	35.009	
5,605.0	5,524.0	5,524.3	5,524.3	21.1	20.8	85.65	-1,185.0	787.1	1,122.4	1,090.3	32.09	34.979	
5,700.0	5,617.0	5,617.3	5,617.3	21.5	21.2	86.63	-1,185.0	787.1	1,121.1	1,088.5	32.57	34.423	
5,795.0	5,709.9	5,710.2	5,710.2	22.0	21.5	87.62	-1,185.0	787.1	1,120.0	1,087.0	33.05	33.886	
5,800.0	5,714.8	5,715.1	5,715.1	22.0	21.5	87.67	-1,185.0	787.1	1,120.0	1,086.9	33.08	33.858	
5,890.0	5,802.8	5,803.1	5,803.1	22.4	21.8	88.61	-1,185.0	787.1	1,119.4	1,085.8	33.55	33.366	
5,900.0	5,812.6	5,812.9	5,812.9	22.5	21.8	88.71	-1,185.0	787.1	1,119.3	1,085.7	33.60	33.313	
5,985.0	5,895.7	5,896.0	5,896.0	22.9	22.1	89.60	-1,185.0	787.1	1,119.1	1,085.0	34.05	32.863	
6,000.0	5,910.4	5,910.7	5,910.7	22.9	22.2	89.75	-1,185.0	787.1	1,119.0	1,084.9	34.13	32.786	
6,023.6	5,933.5	5,933.8	5,933.8	23.0	22.3	90.00	-1,185.0	787.1	1,119.0	1,084.8	34.26	32.664	CC
6,080.0	5,988.7	5,989.0	5,989.0	23.3	22.5	90.59	-1,185.0	787.1	1,119.1	1,084.5	34.57	32.376	
6,100.0	6,008.2	6,008.5	6,008.5	23.4	22.5	90.80	-1,185.0	787.1	1,119.2	1,084.5	34.67	32.275	
6,175.0	6,081.6	6,081.9	6,081.9	23.7	22.8	91.58	-1,185.0	787.1	1,119.5	1,084.4	35.09	31.903	
6,200.0	6,106.0	6,106.3	6,106.3	23.8	22.9	91.84	-1,185.0	787.1	1,119.6	1,084.4	35.23	31.781	
6,270.0	6,174.5	6,174.8	6,174.8	24.2	23.1	92.56	-1,185.0	787.1	1,120.2	1,084.6	35.63	31.444	
6,300.0	6,203.9	6,204.2	6,204.2	24.3	23.2	92.88	-1,185.0	787.1	1,120.5	1,084.7	35.80	31.302	
6,365.0	6,267.4	6,267.7	6,267.7	24.6	23.5	93.55	-1,185.0	787.1	1,121.3	1,085.1	36.17	31.000	
6,396.7	6,298.4	6,298.7	6,298.7	24.8	23.6	93.88	-1,185.0	787.1	1,121.7	1,085.4	36.36	30.854	
6,400.0	6,301.7	6,302.0	6,302.0	24.8	23.6	93.91	-1,185.0	787.1	1,121.8	1,085.4	36.37	30.841	
6,460.0	6,360.5	6,360.8	6,360.8	25.1	23.8	94.52	-1,185.0	787.1	1,122.7	1,085.9	36.72	30.572	
6,500.0	6,399.8	6,400.1	6,400.1	25.2	23.9	94.89	-1,185.0	787.1	1,123.3	1,086.3	36.95	30.395	
6,555.0	6,454.1	6,454.4	6,454.4	25.5	24.1	95.36	-1,185.0	787.1	1,124.1	1,086.8	37.27	30.163	
6,600.0	6,498.6	6,498.9	6,498.9	25.7	24.3	95.70	-1,185.0	787.1	1,124.7	1,087.2	37.52	29.976	
6,650.0	6,548.2	6,548.5	6,548.5	25.9	24.5	96.04	-1,185.0	787.1	1,125.4	1,087.6	37.79	29.777	
6,700.0	6,597.9	6,598.2	6,598.2	26.1	24.6	96.33	-1,185.0	787.1	1,126.0	1,087.9	38.07	29.580	
6,745.0	6,642.7	6,643.0	6,643.0	26.3	24.8	96.56	-1,185.0	787.1	1,126.5	1,088.2	38.30	29.411	
6,800.0	6,697.5	6,697.8	6,697.8	26.5	25.0	96.78	-1,185.0	787.1	1,127.0	1,088.4	38.58	29.208	
6,840.0	6,737.4	6,737.7	6,737.7	26.7	25.1	96.91	-1,185.0	787.1	1,127.3	1,088.5	38.78	29.067	
6,900.0	6,797.4	6,797.7	6,797.7	26.9	25.4	97.05	-1,185.0	787.1	1,127.6	1,088.5	39.07	28.858	
6,935.0	6,832.4	6,832.7	6,832.7	26.9	25.5	97.10	-1,185.0	787.1	1,127.7	1,088.5	39.24	28.738	
6,996.6	6,894.0	6,894.3	6,894.3	27.0	25.7	-168.33	-1,185.0	787.1	1,127.8	1,088.3	39.53	28.530	
7,000.0	6,897.4	6,897.7	6,897.7	27.0	25.7	-168.33	-1,185.0	787.1	1,127.8	1,088.2	39.54	28.522	
7,030.0	6,927.4	6,927.7	6,927.7	27.0	25.8	-168.33	-1,185.0	787.1	1,127.8	1,088.1	39.67	28.432	
7,100.0	6,997.4	6,997.7	6,997.7	27.1	26.1	-168.33	-1,185.0	787.1	1,127.8	1,087.8	39.96	28.226	
7,125.0	7,022.4	7,022.7	7,022.7	27.1	26.2	-168.33	-1,185.0	787.1	1,127.8	1,087.7	40.06	28.153	
7,200.0	7,097.4	7,097.7	7,097.7	27.1	26.4	-168.33	-1,185.0	787.1	1,127.8	1,087.4	40.37	27.936	
7,220.0	7,117.4	7,117.7	7,117.7	27.1	26.5	-168.33	-1,185.0	787.1	1,127.8	1,087.3	40.45	27.879	
7,300.0	7,197.4	7,197.7	7,197.7	27.1	26.8	-168.33	-1,185.0	787.1	1,127.8	1,087.0	40.78	27.653	
7,315.0	7,212.4	7,212.7	7,212.7	27.1	26.8	-168.33	-1,185.0	787.1	1,127.8	1,086.9	40.85	27.610	
7,400.0	7,297.4	7,297.7	7,297.7	27.1	27.1	-168.33	-1,185.0	787.1	1,127.8	1,086.6	41.20	27.374	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,410.0	7,307.4	7,307.7	7,307.7	27.1	27.2	-168.33	-1,185.0	787.1	1,127.8	1,086.5	41.24	27.347	
7,500.0	7,397.4	7,397.7	7,397.7	27.2	27.5	-168.33	-1,185.0	787.1	1,127.8	1,086.2	41.61	27.101	
7,505.0	7,402.4	7,402.7	7,402.7	27.2	27.5	-168.33	-1,185.0	787.1	1,127.8	1,086.1	41.63	27.088	
7,600.0	7,497.4	7,497.7	7,497.7	27.2	27.8	-168.33	-1,185.0	787.1	1,127.8	1,085.8	42.03	26.833	
7,695.0	7,592.4	7,592.7	7,592.7	27.2	28.2	-168.33	-1,185.0	787.1	1,127.8	1,085.4	42.42	26.584	
7,700.0	7,597.4	7,597.7	7,597.7	27.2	28.2	-168.33	-1,185.0	787.1	1,127.8	1,085.3	42.44	26.571	
7,790.0	7,687.4	7,687.7	7,687.7	27.2	28.5	-168.33	-1,185.0	787.1	1,127.8	1,085.0	42.82	26.338	
7,800.0	7,697.4	7,697.7	7,697.7	27.3	28.6	-168.33	-1,185.0	787.1	1,127.8	1,084.9	42.86	26.313	
7,885.0	7,782.4	7,782.7	7,782.7	27.3	28.9	-168.33	-1,185.0	787.1	1,127.8	1,084.6	43.21	26.097	
7,900.0	7,797.4	7,797.7	7,797.7	27.3	28.9	-168.33	-1,185.0	787.1	1,127.8	1,084.5	43.28	26.060	
7,980.0	7,877.4	7,877.7	7,877.7	27.3	29.2	-168.33	-1,185.0	787.1	1,127.8	1,084.2	43.61	25.861	
8,000.0	7,897.4	7,897.7	7,897.7	27.3	29.3	-168.33	-1,185.0	787.1	1,127.8	1,084.1	43.69	25.811	
8,075.0	7,972.4	7,972.7	7,972.7	27.3	29.5	-168.33	-1,185.0	787.1	1,127.8	1,083.8	44.01	25.628	
8,100.0	7,997.4	7,997.7	7,997.7	27.3	29.6	-168.33	-1,185.0	787.1	1,127.8	1,083.7	44.11	25.568	
8,170.0	8,067.4	8,067.7	8,067.7	27.4	29.9	-168.33	-1,185.0	787.1	1,127.8	1,083.4	44.40	25.399	
8,200.0	8,097.4	8,097.7	8,097.7	27.4	30.0	-168.33	-1,185.0	787.1	1,127.8	1,083.3	44.53	25.328	
8,265.0	8,162.4	8,162.7	8,162.7	27.4	30.2	-168.33	-1,185.0	787.1	1,127.8	1,083.0	44.80	25.175	
8,300.0	8,197.4	8,197.7	8,197.7	27.4	30.3	-168.33	-1,185.0	787.1	1,127.8	1,082.8	44.94	25.093	
8,360.0	8,257.4	8,257.7	8,257.7	27.4	30.6	-168.33	-1,185.0	787.1	1,127.8	1,082.6	45.19	24.954	
8,400.0	8,297.4	8,297.7	8,297.7	27.4	30.7	-168.33	-1,185.0	787.1	1,127.8	1,082.4	45.36	24.862	
8,455.0	8,352.4	8,352.7	8,352.7	27.4	30.9	-168.33	-1,185.0	787.1	1,127.8	1,082.2	45.59	24.737	
8,500.0	8,397.4	8,397.7	8,397.7	27.5	31.1	-168.33	-1,185.0	787.1	1,127.8	1,082.0	45.78	24.635	
8,550.0	8,447.4	8,447.7	8,447.7	27.5	31.2	-168.33	-1,185.0	787.1	1,127.8	1,081.8	45.99	24.523	
8,600.0	8,497.4	8,497.7	8,497.7	27.5	31.4	-168.33	-1,185.0	787.1	1,127.8	1,081.6	46.20	24.412	
8,645.0	8,542.4	8,542.7	8,542.7	27.5	31.6	-168.33	-1,185.0	787.1	1,127.8	1,081.4	46.39	24.313	
8,700.0	8,597.4	8,597.7	8,597.7	27.5	31.8	-168.33	-1,185.0	787.1	1,127.8	1,081.2	46.62	24.194	
8,740.0	8,637.4	8,637.7	8,637.7	27.5	31.9	-168.33	-1,185.0	787.1	1,127.8	1,081.0	46.78	24.107	
8,800.0	8,697.4	8,697.7	8,697.7	27.5	32.1	-168.33	-1,185.0	787.1	1,127.8	1,080.7	47.03	23.978	
8,835.0	8,732.4	8,732.7	8,732.7	27.6	32.3	-168.33	-1,185.0	787.1	1,127.8	1,080.6	47.18	23.904	
8,900.0	8,797.4	8,797.7	8,797.7	27.6	32.5	-168.33	-1,185.0	787.1	1,127.8	1,080.3	47.45	23.767	
8,930.0	8,827.4	8,827.7	8,827.7	27.6	32.6	-168.33	-1,185.0	787.1	1,127.8	1,080.2	47.58	23.704	
9,000.0	8,897.4	8,897.7	8,897.7	27.6	32.8	-168.33	-1,185.0	787.1	1,127.8	1,079.9	47.87	23.559	
9,025.0	8,922.4	8,922.7	8,922.7	27.6	32.9	-168.33	-1,185.0	787.1	1,127.8	1,079.8	47.98	23.508	
9,100.0	8,997.4	8,997.7	8,997.7	27.6	33.2	-168.33	-1,185.0	787.1	1,127.8	1,079.5	48.29	23.355	
9,120.0	9,017.4	9,017.7	9,017.7	27.6	33.3	-168.33	-1,185.0	787.1	1,127.8	1,079.4	48.37	23.314	
9,200.0	9,097.4	9,097.7	9,097.7	27.7	33.6	-168.33	-1,185.0	787.1	1,127.8	1,079.1	48.71	23.154	
9,215.0	9,112.4	9,112.7	9,112.7	27.7	33.6	-168.33	-1,185.0	787.1	1,127.8	1,079.0	48.77	23.124	
9,300.0	9,197.4	9,197.7	9,197.7	27.7	33.9	-168.33	-1,185.0	787.1	1,127.8	1,078.7	49.13	22.956	
9,310.0	9,207.4	9,207.7	9,207.7	27.7	34.0	-168.33	-1,185.0	787.1	1,127.8	1,078.6	49.17	22.936	
9,400.0	9,297.4	9,297.7	9,297.7	27.7	34.3	-168.33	-1,185.0	787.1	1,127.8	1,078.2	49.55	22.761	
9,405.0	9,302.4	9,302.7	9,302.7	27.7	34.3	-168.33	-1,185.0	787.1	1,127.8	1,078.2	49.57	22.752	
9,500.0	9,397.4	9,397.7	9,397.7	27.8	34.6	-168.33	-1,185.0	787.1	1,127.8	1,077.8	49.97	22.570	
9,595.0	9,492.4	9,492.7	9,492.7	27.8	35.0	-168.33	-1,185.0	787.1	1,127.8	1,077.4	50.37	22.391	
9,600.0	9,497.4	9,497.7	9,497.7	27.8	35.0	-168.33	-1,185.0	787.1	1,127.8	1,077.4	50.39	22.382	
9,690.0	9,587.4	9,587.7	9,587.7	27.8	35.3	-168.33	-1,185.0	787.1	1,127.8	1,077.0	50.77	22.215	
9,700.0	9,597.4	9,597.7	9,597.7	27.8	35.3	-168.33	-1,185.0	787.1	1,127.8	1,077.0	50.81	22.197	
9,785.0	9,682.4	9,682.7	9,682.7	27.8	35.6	-168.33	-1,185.0	787.1	1,127.8	1,076.6	51.17	22.042	
9,800.0	9,697.4	9,697.7	9,697.7	27.9	35.7	-168.33	-1,185.0	787.1	1,127.8	1,076.6	51.23	22.015	
9,854.7	9,752.0	9,752.3	9,752.3	27.9	35.9	-168.33	-1,185.0	787.1	1,127.8	1,076.3	51.44	21.922 ES	
9,880.0	9,777.4	9,777.7	9,777.7	27.9	36.0	-168.19	-1,185.0	787.1	1,128.3	1,076.8	51.57	21.880	
9,900.0	9,797.3	9,797.6	9,797.6	27.9	36.1	-168.18	-1,185.0	787.1	1,129.5	1,077.9	51.67	21.862 SF	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
9,950.0	9,846.9	9,847.2	9,847.2	27.9	36.2	-168.12	-1,185.0	787.1	1,135.5	1,083.6	51.91	21.874	
9,975.0	9,871.5	9,871.8	9,871.8	27.9	36.3	-168.07	-1,185.0	787.1	1,140.1	1,088.1	52.03	21.911	
10,000.0	9,895.8	9,896.1	9,896.1	27.9	36.4	-168.01	-1,185.0	787.1	1,145.7	1,093.6	52.15	21.969	
10,050.0	9,943.6	9,943.9	9,943.9	27.9	36.6	-167.85	-1,185.0	787.1	1,160.1	1,107.7	52.39	22.145	
10,070.0	9,962.3	9,962.6	9,962.6	27.9	36.6	-167.77	-1,185.0	787.1	1,166.9	1,114.5	52.48	22.237	
10,100.0	9,989.9	9,990.2	9,990.2	27.9	36.7	-167.62	-1,185.0	787.1	1,178.5	1,125.8	52.61	22.399	
10,150.0	10,034.5	10,034.8	10,034.8	27.9	36.9	-167.32	-1,185.0	787.1	1,200.7	1,147.9	52.83	22.728	
10,165.0	10,047.4	10,047.7	10,047.7	27.9	37.0	-167.21	-1,185.0	787.1	1,208.2	1,155.3	52.89	22.841	
10,200.0	10,076.8	10,077.1	10,077.1	27.9	37.1	-166.92	-1,185.0	787.1	1,226.8	1,173.7	53.04	23.129	
10,250.0	10,116.7	10,117.0	10,117.0	27.9	37.2	-166.39	-1,185.0	787.1	1,256.3	1,203.1	53.24	23.600	
10,260.0	10,124.4	10,124.7	10,124.7	27.9	37.2	-166.26	-1,185.0	787.1	1,262.7	1,209.4	53.27	23.702	
10,300.0	10,153.9	10,154.2	10,154.2	27.9	37.3	-165.69	-1,185.0	787.1	1,289.3	1,235.8	53.42	24.135	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,375.0	2,364.6	2,375.0	2,373.6	7.7	9.8	37.99	-887.5	1,093.9	1,311.8	1,294.7	17.13	76.570	
2,400.0	2,389.1	2,400.0	2,398.6	7.7	9.9	38.13	-887.8	1,094.2	1,308.1	1,290.9	17.26	75.770	
2,470.0	2,457.5	2,465.7	2,464.2	8.0	10.1	38.51	-888.6	1,095.0	1,297.8	1,280.2	17.63	73.602	
2,500.0	2,486.9	2,496.4	2,495.0	8.1	10.2	38.68	-888.9	1,095.4	1,293.4	1,275.6	17.80	72.653	
2,565.0	2,550.5	2,562.7	2,561.3	8.3	10.4	39.07	-889.4	1,096.2	1,283.7	1,265.6	18.17	70.649	
2,600.0	2,584.7	2,598.4	2,596.9	8.4	10.5	39.28	-889.8	1,096.5	1,278.5	1,260.1	18.37	69.601	
2,660.0	2,643.4	2,656.5	2,655.0	8.6	10.7	39.63	-890.3	1,097.1	1,269.5	1,250.8	18.70	67.880	
2,700.0	2,682.5	2,695.2	2,693.7	8.7	10.8	39.87	-890.7	1,097.4	1,263.6	1,244.7	18.93	66.768	
2,755.0	2,736.3	2,748.2	2,746.7	8.9	11.0	40.19	-891.2	1,097.9	1,255.5	1,236.3	19.24	65.272	
2,800.0	2,780.3	2,791.5	2,790.1	9.1	11.1	40.46	-891.6	1,098.4	1,249.0	1,229.5	19.49	64.086	
2,850.0	2,829.2	2,843.4	2,841.9	9.3	11.3	40.79	-892.1	1,098.9	1,241.7	1,221.9	19.78	62.764	
2,900.0	2,878.1	2,896.1	2,894.6	9.5	11.5	41.12	-892.5	1,099.3	1,234.3	1,214.2	20.08	61.469	
2,945.0	2,922.2	2,938.6	2,937.1	9.6	11.6	41.40	-892.8	1,099.6	1,227.7	1,207.3	20.34	60.368	
3,000.0	2,976.0	2,990.2	2,988.7	9.8	11.8	41.73	-893.2	1,100.1	1,219.7	1,199.0	20.65	59.069	
3,040.0	3,015.1	3,029.0	3,027.5	10.0	11.9	41.99	-893.5	1,100.5	1,213.9	1,193.0	20.88	58.143	
3,100.0	3,073.8	3,087.8	3,086.3	10.2	12.1	42.38	-894.1	1,101.0	1,205.4	1,184.1	21.22	56.790	
3,135.0	3,108.0	3,123.0	3,121.5	10.4	12.2	42.63	-894.5	1,101.2	1,200.4	1,179.0	21.43	56.013	
3,200.0	3,171.6	3,189.5	3,188.0	10.6	12.4	43.09	-895.2	1,101.5	1,191.1	1,169.3	21.81	54.619	
3,230.0	3,200.9	3,218.3	3,216.8	10.7	12.5	43.30	-895.5	1,101.6	1,186.8	1,164.8	21.98	54.004	
3,300.0	3,269.4	3,283.5	3,282.0	11.0	12.7	43.78	-896.3	1,101.8	1,177.0	1,154.6	22.37	52.623	
3,325.0	3,293.9	3,307.5	3,305.9	11.1	12.8	43.95	-896.7	1,101.9	1,173.5	1,151.0	22.51	52.141	
3,400.0	3,367.2	3,384.4	3,382.9	11.4	13.1	44.52	-897.6	1,102.3	1,163.1	1,140.2	22.94	50.697	
3,420.0	3,386.8	3,404.9	3,403.4	11.5	13.2	44.67	-897.8	1,102.4	1,160.4	1,137.3	23.06	50.321	
3,500.0	3,465.0	3,486.9	3,485.4	11.8	13.4	45.30	-898.6	1,102.5	1,149.1	1,125.6	23.52	48.859	
3,515.0	3,479.7	3,502.2	3,500.7	11.9	13.5	45.42	-898.7	1,102.5	1,147.0	1,123.4	23.61	48.591	
3,600.0	3,562.8	3,580.4	3,578.9	12.2	13.7	46.04	-899.6	1,102.5	1,135.3	1,111.2	24.07	47.163	
3,610.0	3,572.6	3,589.7	3,588.1	12.3	13.8	46.12	-899.8	1,102.5	1,133.9	1,109.8	24.13	47.000	
3,700.0	3,660.7	3,683.0	3,681.5	12.7	14.1	46.88	-900.9	1,102.4	1,121.7	1,097.1	24.64	45.528	
3,705.0	3,665.6	3,688.3	3,686.7	12.7	14.1	46.92	-901.0	1,102.4	1,121.0	1,096.4	24.67	45.447	
3,800.0	3,758.5	3,779.8	3,778.2	13.1	14.4	47.68	-901.9	1,102.2	1,108.1	1,082.9	25.19	43.991	
3,895.0	3,851.4	3,873.5	3,871.9	13.5	14.7	48.49	-903.0	1,102.0	1,095.4	1,069.7	25.71	42.607	
3,900.0	3,856.3	3,878.5	3,876.9	13.5	14.7	48.53	-903.0	1,102.0	1,094.8	1,069.0	25.74	42.536	
3,990.0	3,944.3	3,971.8	3,970.2	13.9	15.0	49.35	-903.9	1,101.5	1,082.8	1,056.5	26.24	41.269	
4,000.0	3,954.1	3,982.2	3,980.7	13.9	15.1	49.45	-904.0	1,101.4	1,081.4	1,055.1	26.29	41.131	
4,085.0	4,037.2	4,066.0	4,064.4	14.3	15.3	50.23	-904.8	1,100.5	1,069.9	1,043.2	26.75	39.993	
4,100.0	4,051.9	4,080.6	4,079.0	14.4	15.4	50.36	-904.9	1,100.3	1,067.9	1,041.1	26.83	39.798	
4,180.0	4,130.2	4,160.9	4,159.3	14.7	15.6	51.13	-905.6	1,099.3	1,057.3	1,030.0	27.27	38.778	
4,200.0	4,149.7	4,181.2	4,179.6	14.8	15.7	51.33	-905.8	1,099.1	1,054.6	1,027.3	27.37	38.529	
4,275.0	4,223.1	4,253.7	4,252.1	15.1	15.9	52.05	-906.4	1,097.9	1,044.7	1,016.9	27.77	37.627	
4,300.0	4,247.6	4,277.4	4,275.8	15.3	16.0	52.30	-906.7	1,097.5	1,041.5	1,013.6	27.89	37.337	
4,370.0	4,316.0	4,348.3	4,346.7	15.6	16.2	53.04	-907.5	1,096.2	1,032.5	1,004.2	28.26	36.538	
4,400.0	4,345.4	4,379.7	4,378.0	15.7	16.3	53.37	-907.8	1,095.5	1,028.6	1,000.2	28.41	36.202	
4,465.0	4,408.9	4,443.0	4,441.4	16.0	16.5	54.06	-908.4	1,093.9	1,020.1	991.4	28.74	35.497	
4,500.0	4,443.2	4,476.1	4,474.4	16.1	16.7	54.42	-908.8	1,093.2	1,015.7	986.8	28.91	35.131	
4,560.0	4,501.9	4,535.5	4,533.8	16.4	16.9	55.08	-909.4	1,091.8	1,008.2	979.0	29.21	34.519	
4,600.0	4,541.0	4,576.2	4,574.5	16.6	17.0	55.55	-909.9	1,090.6	1,003.2	973.8	29.40	34.121	
4,655.0	4,594.8	4,630.4	4,628.7	16.8	17.2	56.20	-910.6	1,088.8	996.4	966.7	29.66	33.590	
4,700.0	4,638.8	4,673.7	4,672.0	17.0	17.3	56.72	-911.1	1,087.4	990.9	961.0	29.87	33.169	
4,750.0	4,687.7	4,722.5	4,720.7	17.2	17.5	57.30	-911.6	1,086.0	984.9	954.8	30.11	32.714	
4,800.0	4,736.6	4,772.0	4,770.2	17.5	17.6	57.90	-912.1	1,084.5	979.0	948.6	30.34	32.271	
4,845.0	4,780.6	4,815.9	4,814.0	17.7	17.8	58.44	-912.5	1,083.2	973.7	943.2	30.54	31.884	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
4,900.0	4,834.4	4,868.2	4,866.3	17.9	17.9	59.09	-913.1	1,081.5	967.4	936.6	30.78	31.429	
4,940.0	4,873.6	4,906.1	4,904.3	18.1	18.1	59.58	-913.6	1,080.2	963.0	932.0	30.95	31.110	
5,000.0	4,932.3	4,962.4	4,960.5	18.4	18.3	60.31	-914.5	1,078.3	956.5	925.3	31.21	30.651	
5,035.0	4,966.5	4,995.2	4,993.3	18.5	18.4	60.74	-915.0	1,077.3	952.9	921.6	31.35	30.393	
5,100.0	5,030.1	5,059.3	5,057.3	18.8	18.6	61.58	-916.0	1,075.3	946.4	914.7	31.62	29.926	
5,130.0	5,059.4	5,089.0	5,087.0	19.0	18.7	61.97	-916.4	1,074.4	943.4	911.6	31.75	29.717	
5,200.0	5,127.9	5,157.8	5,155.7	19.3	18.9	62.89	-917.4	1,072.2	936.6	904.5	32.03	29.242	
5,225.0	5,152.3	5,182.3	5,180.2	19.4	19.0	63.22	-917.7	1,071.5	934.2	902.0	32.13	29.078	
5,300.0	5,225.7	5,254.1	5,252.0	19.7	19.3	64.20	-918.7	1,069.2	927.2	894.8	32.42	28.601	
5,320.0	5,245.3	5,273.2	5,271.1	19.8	19.3	64.46	-919.0	1,068.5	925.4	892.9	32.49	28.479	
5,400.0	5,323.5	5,348.7	5,346.5	20.2	19.6	65.51	-920.3	1,066.1	918.6	885.8	32.79	28.011	
5,415.0	5,338.2	5,362.8	5,360.6	20.2	19.6	65.71	-920.5	1,065.7	917.3	884.5	32.85	27.927	
5,500.0	5,421.3	5,443.1	5,440.9	20.6	19.9	66.83	-922.0	1,063.4	910.8	877.6	33.16	27.469	
5,510.0	5,431.1	5,452.6	5,450.3	20.7	20.0	66.97	-922.2	1,063.1	910.1	876.9	33.19	27.417	
5,600.0	5,519.1	5,538.0	5,535.7	21.1	20.3	68.19	-924.0	1,060.7	903.8	870.3	33.51	26.971	
5,605.0	5,524.0	5,542.8	5,540.5	21.1	20.3	68.26	-924.1	1,060.5	903.5	870.0	33.53	26.947	
5,700.0	5,617.0	5,633.5	5,631.2	21.5	20.6	69.54	-926.1	1,058.5	897.6	863.8	33.86	26.511	
5,795.0	5,709.9	5,724.2	5,721.8	22.0	20.9	70.85	-928.3	1,056.2	892.4	858.2	34.18	26.108	
5,800.0	5,714.8	5,729.0	5,726.6	22.0	20.9	70.92	-928.4	1,056.1	892.1	857.9	34.20	26.087	
5,890.0	5,802.8	5,814.8	5,812.3	22.4	21.2	72.16	-930.7	1,054.2	887.9	853.4	34.50	25.736	
5,900.0	5,812.6	5,824.6	5,822.2	22.5	21.3	72.30	-930.9	1,054.0	887.5	853.0	34.54	25.698	
5,985.0	5,895.7	5,908.4	5,905.9	22.9	21.5	73.52	-933.1	1,052.2	884.0	849.2	34.82	25.383	
6,000.0	5,910.4	5,923.3	5,920.8	22.9	21.6	73.74	-933.5	1,051.9	883.4	848.5	34.88	25.329	
6,080.0	5,988.7	6,003.0	6,000.5	23.3	21.9	74.91	-935.4	1,050.2	880.4	845.2	35.15	25.046	
6,100.0	6,008.2	6,023.1	6,020.6	23.4	21.9	75.20	-935.8	1,049.8	879.7	844.4	35.22	24.976	
6,175.0	6,081.6	6,098.7	6,096.1	23.7	22.2	76.30	-937.3	1,048.4	877.0	841.5	35.48	24.717	
6,200.0	6,106.0	6,123.5	6,120.9	23.8	22.3	76.66	-937.8	1,047.9	876.2	840.6	35.57	24.632	
6,270.0	6,174.5	6,192.9	6,190.2	24.2	22.5	77.67	-939.0	1,046.7	873.9	838.1	35.82	24.398	
6,300.0	6,203.9	6,224.3	6,221.7	24.3	22.6	78.13	-939.5	1,046.1	873.0	837.0	35.93	24.297	
6,365.0	6,267.4	6,293.6	6,290.9	24.6	22.9	79.15	-940.3	1,044.8	870.8	834.6	36.17	24.075	
6,396.7	6,298.4	6,327.3	6,324.7	24.8	23.0	79.65	-940.5	1,044.0	869.7	833.4	36.29	23.964	
6,400.0	6,301.7	6,330.9	6,328.2	24.8	23.0	79.70	-940.5	1,043.9	869.6	833.3	36.30	23.954	
6,460.0	6,360.5	6,394.8	6,392.2	25.1	23.2	80.60	-940.6	1,042.0	867.4	830.9	36.53	23.744	
6,500.0	6,399.8	6,438.7	6,436.0	25.2	23.4	81.19	-940.4	1,040.4	866.0	829.3	36.70	23.600	
6,555.0	6,454.1	6,499.3	6,496.6	25.5	23.6	81.95	-939.8	1,038.0	864.0	827.1	36.92	23.401	
6,600.0	6,498.6	6,546.5	6,543.7	25.7	23.7	82.50	-939.1	1,036.0	862.2	825.1	37.11	23.237	
6,650.0	6,548.2	6,599.1	6,596.2	25.9	23.9	83.05	-938.1	1,033.8	860.3	823.0	37.31	23.058	
6,700.0	6,597.9	6,650.2	6,647.2	26.1	24.1	83.53	-936.9	1,031.7	858.5	821.0	37.52	22.879	
6,745.0	6,642.7	6,696.2	6,693.2	26.3	24.2	83.92	-935.8	1,029.8	856.9	819.1	37.71	22.722	
6,800.0	6,697.5	6,751.0	6,748.0	26.5	24.4	84.31	-934.4	1,027.5	855.0	817.0	37.94	22.533	
6,840.0	6,737.4	6,791.0	6,787.9	26.7	24.6	84.55	-933.4	1,026.0	853.7	815.6	38.11	22.401	
6,900.0	6,797.4	6,851.1	6,848.0	26.9	24.8	84.83	-931.9	1,024.0	851.9	813.5	38.37	22.204	
6,935.0	6,832.4	6,886.2	6,883.1	26.9	24.9	84.94	-931.0	1,022.9	850.8	812.3	38.52	22.089	
6,996.6	6,894.0	6,950.9	6,947.7	27.0	25.1	179.61	-929.2	1,021.1	849.1	810.3	38.80	21.885	
7,000.0	6,897.4	6,954.5	6,951.3	27.0	25.1	179.61	-929.1	1,021.0	849.0	810.2	38.81	21.875	
7,030.0	6,927.4	6,986.3	6,983.1	27.0	25.2	179.67	-928.1	1,020.2	848.0	809.1	38.93	21.782	
7,100.0	6,997.4	7,065.4	7,062.1	27.1	25.5	179.80	-925.1	1,018.2	845.4	806.2	39.23	21.552	
7,125.0	7,022.4	7,094.0	7,090.7	27.1	25.6	179.85	-923.8	1,017.5	844.3	804.9	39.33	21.465	
7,200.0	7,097.4	7,174.1	7,170.6	27.1	25.9	179.96	-919.7	1,015.9	840.4	800.8	39.64	21.203	
7,220.0	7,117.4	7,195.3	7,191.8	27.1	25.9	179.98	-918.6	1,015.6	839.4	799.6	39.72	21.132	
7,300.0	7,197.4	7,269.6	7,266.0	27.1	26.2	-179.96	-914.7	1,014.7	835.2	795.1	40.03	20.862	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,315.0	7,212.4	7,283.5	7,279.8	27.1	26.2	-179.95	-914.0	1,014.6	834.5	794.4	40.09	20.813	
7,400.0	7,297.4	7,360.4	7,356.7	27.1	26.5	-179.91	-910.8	1,014.0	830.8	790.4	40.42	20.554	
7,410.0	7,307.4	7,369.4	7,365.7	27.1	26.5	-179.91	-910.4	1,013.9	830.5	790.0	40.46	20.525	
7,500.0	7,397.4	7,453.4	7,449.7	27.2	26.8	-179.87	-907.7	1,013.4	827.6	786.8	40.81	20.277	
7,505.0	7,402.4	7,458.2	7,454.5	27.2	26.8	-179.86	-907.6	1,013.3	827.4	786.6	40.83	20.264	
7,600.0	7,497.4	7,546.2	7,542.4	27.2	27.1	-179.81	-905.3	1,012.5	825.0	783.8	41.21	20.019	
7,695.0	7,592.4	7,631.6	7,627.7	27.2	27.4	-179.66	-904.1	1,010.4	823.6	782.0	41.59	19.802	
7,700.0	7,597.4	7,636.0	7,632.2	27.2	27.4	-179.65	-904.0	1,010.3	823.6	782.0	41.61	19.791	
7,763.2	7,660.5	7,692.5	7,688.6	27.2	27.6	-179.49	-903.8	1,007.9	823.3	781.4	41.87	19.663 CC	
7,790.0	7,687.4	7,716.0	7,712.1	27.2	27.7	-179.40	-903.8	1,006.7	823.4	781.4	41.97	19.616 ES	
7,800.0	7,697.4	7,724.7	7,720.8	27.3	27.7	-179.37	-903.9	1,006.2	823.4	781.4	42.01	19.599	
7,885.0	7,782.4	7,800.0	7,795.9	27.3	28.0	-179.07	-904.8	1,001.9	824.5	782.1	42.34	19.475	
7,900.0	7,797.4	7,811.0	7,806.9	27.3	28.1	-179.02	-905.0	1,001.2	824.8	782.4	42.38	19.461	
7,980.0	7,877.4	7,877.9	7,873.7	27.3	28.3	-178.77	-906.9	997.5	827.2	784.6	42.66	19.393	
8,000.0	7,897.4	7,900.0	7,895.7	27.3	28.4	-178.69	-907.8	996.4	828.1	785.3	42.75	19.372	
8,075.0	7,972.4	7,964.6	7,960.2	27.3	28.7	-178.50	-910.7	993.5	831.5	788.5	43.00	19.337	
8,100.0	7,997.4	7,988.1	7,983.6	27.3	28.7	-178.43	-911.9	992.6	832.7	789.6	43.09	19.325	
8,170.0	8,067.4	8,063.3	8,058.7	27.4	29.0	-178.26	-915.4	989.9	836.1	792.7	43.39	19.270	
8,200.0	8,097.4	8,096.4	8,091.8	27.4	29.1	-178.20	-916.8	989.0	837.3	793.8	43.52	19.241	
8,265.0	8,162.4	8,165.9	8,161.2	27.4	29.4	-178.09	-919.3	987.4	839.8	796.0	43.79	19.175	
8,300.0	8,197.4	8,203.3	8,198.6	27.4	29.5	-178.04	-920.5	986.5	840.9	797.0	43.94	19.137	
8,360.0	8,257.4	8,268.2	8,263.4	27.4	29.7	-177.94	-922.4	985.0	842.7	798.5	44.20	19.066	
8,400.0	8,297.4	8,310.7	8,305.9	27.4	29.9	-177.87	-923.4	983.9	843.7	799.3	44.37	19.015	
8,455.0	8,352.4	8,366.6	8,361.8	27.4	30.1	-177.78	-924.6	982.6	844.9	800.3	44.59	18.949	
8,500.0	8,397.4	8,411.1	8,406.3	27.5	30.2	-177.71	-925.5	981.6	845.9	801.1	44.77	18.896	
8,550.0	8,447.4	8,457.0	8,452.1	27.5	30.4	-177.66	-926.6	980.7	847.1	802.2	44.95	18.846	
8,600.0	8,497.4	8,503.0	8,498.1	27.5	30.5	-177.60	-928.0	979.8	848.6	803.5	45.13	18.802	
8,645.0	8,542.4	8,546.4	8,541.5	27.5	30.7	-177.55	-929.4	979.0	850.1	804.8	45.31	18.763	
8,700.0	8,597.4	8,600.0	8,595.1	27.5	30.9	-177.50	-931.2	978.2	852.1	806.5	45.52	18.717	
8,740.0	8,637.4	8,642.8	8,637.9	27.5	31.0	-177.44	-932.7	977.3	853.4	807.7	45.70	18.677	
8,800.0	8,697.4	8,717.9	8,712.9	27.5	31.1	-177.35	-934.3	975.8	854.8	809.0	45.79	18.668	
8,835.0	8,732.4	8,768.2	8,763.1	27.6	31.1	-177.54	-934.6	978.6	854.9	809.1	45.83	18.653	
8,900.0	8,797.4	8,837.2	8,831.5	27.6	31.1	-178.16	-934.9	987.8	854.8	808.9	45.89	18.626	
8,930.0	8,827.4	8,885.2	8,878.2	27.6	31.1	-178.86	-934.4	998.2	854.3	808.4	45.93	18.602	
8,998.2	8,895.6	8,933.6	8,923.7	27.6	31.2	-179.98	-933.8	1,015.0	853.3	807.2	46.04	18.533	
9,000.0	8,897.4	8,934.6	8,924.6	27.6	31.2	179.99	-933.8	1,015.4	853.3	807.2	46.04	18.532	
9,025.0	8,922.4	8,943.0	8,932.1	27.6	31.3	179.75	-933.8	1,019.0	853.5	807.4	46.08	18.523	
9,100.0	8,997.4	8,989.8	8,972.8	27.6	31.5	178.20	-934.8	1,042.2	856.3	810.0	46.28	18.504	
9,120.0	9,017.4	9,007.0	8,987.1	27.6	31.6	177.56	-935.5	1,051.7	857.7	811.4	46.36	18.500 SF	
9,200.0	9,097.4	9,064.6	9,032.1	27.7	31.7	175.19	-937.8	1,087.4	865.3	818.6	46.68	18.538	
9,215.0	9,112.4	9,076.6	9,041.0	27.7	31.7	174.65	-938.0	1,095.6	867.0	820.2	46.76	18.542	
9,300.0	9,197.4	9,135.7	9,081.3	27.7	31.8	171.81	-938.7	1,138.8	878.9	831.7	47.21	18.619	
9,310.0	9,207.4	9,144.1	9,086.5	27.7	31.8	171.39	-938.6	1,145.3	880.6	833.3	47.28	18.623	
9,400.0	9,297.4	9,182.9	9,109.5	27.7	31.8	169.35	-937.9	1,176.6	898.8	851.2	47.58	18.891	
9,405.0	9,302.4	9,184.3	9,110.3	27.7	31.8	169.27	-937.9	1,177.7	900.0	852.4	47.58	18.914	
9,500.0	9,397.4	9,206.5	9,122.2	27.8	31.9	168.07	-937.7	1,196.4	927.1	879.6	47.57	19.490	
9,595.0	9,492.4	9,227.0	9,132.3	27.8	31.9	166.94	-937.9	1,214.3	962.0	914.5	47.45	20.275	
9,600.0	9,497.4	9,227.0	9,132.3	27.8	31.9	166.94	-937.9	1,214.3	964.0	916.6	47.42	20.329	
9,690.0	9,587.4	9,247.1	9,141.4	27.8	31.9	165.81	-938.3	1,232.2	1,003.7	956.4	47.29	21.224	
9,700.0	9,597.4	9,249.5	9,142.5	27.8	31.9	165.68	-938.3	1,234.3	1,008.5	961.2	47.28	21.331	
9,785.0	9,682.4	9,268.0	9,150.2	27.8	32.0	164.63	-938.5	1,251.1	1,051.5	1,004.4	47.12	22.316	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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: Distance

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
9,800.0	9,697.4	9,270.9	9,151.4	27.9	32.0	164.46	-938.5	1,253.8	1,059.6	1,012.5	47.09	22.503	
9,854.7	9,752.0	9,290.0	9,158.6	27.9	32.0	163.38	-938.7	1,271.5	1,090.1	1,043.0	47.11	23.140	
9,880.0	9,777.4	9,290.0	9,158.6	27.9	32.0	162.97	-938.7	1,271.5	1,105.2	1,058.1	47.11	23.459	
9,900.0	9,797.3	9,290.0	9,158.6	27.9	32.0	162.48	-938.7	1,271.5	1,117.9	1,070.8	47.13	23.721	
9,950.0	9,846.9	9,290.0	9,158.6	27.9	32.0	160.95	-938.7	1,271.5	1,152.8	1,105.9	46.89	24.584	
9,975.0	9,871.5	9,290.0	9,158.6	27.9	32.0	159.98	-938.7	1,271.5	1,171.7	1,124.9	46.79	25.043	
10,000.0	9,895.8	9,290.0	9,158.6	27.9	32.0	158.85	-938.7	1,271.5	1,191.5	1,144.8	46.69	25.519	
10,050.0	9,943.6	9,290.0	9,158.6	27.9	32.0	155.91	-938.7	1,271.5	1,233.3	1,186.7	46.52	26.511	
10,070.0	9,962.3	9,290.0	9,158.6	27.9	32.0	154.41	-938.7	1,271.5	1,250.7	1,204.3	46.46	26.919	
10,100.0	9,989.9	9,290.0	9,158.6	27.9	32.0	151.67	-938.7	1,271.5	1,277.6	1,231.2	46.39	27.541	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,300.0	9,197.4	15,475.0	10,471.5	27.7	42.9	-170.61	-385.3	964.9	1,302.0	1,239.7	62.29	20.904	
9,310.0	9,207.4	15,475.0	10,471.5	27.7	42.9	-170.61	-385.3	964.9	1,292.3	1,230.0	62.29	20.746	
9,400.0	9,297.4	15,475.0	10,471.5	27.7	42.9	-170.61	-385.3	964.9	1,205.1	1,142.8	62.31	19.342	
9,405.0	9,302.4	15,475.0	10,471.5	27.7	42.9	-170.61	-385.3	964.9	1,200.3	1,138.0	62.31	19.264	
9,500.0	9,397.4	15,475.0	10,471.5	27.8	42.9	-170.61	-385.3	964.9	1,108.7	1,046.5	62.26	17.808	
9,595.0	9,492.4	15,475.0	10,471.5	27.8	42.9	-170.61	-385.3	964.9	1,017.9	955.7	62.14	16.381	
9,600.0	9,497.4	15,475.0	10,471.5	27.8	42.9	-170.61	-385.3	964.9	1,013.1	951.0	62.13	16.306	
9,690.0	9,587.4	15,475.0	10,471.5	27.8	42.9	-170.61	-385.3	964.9	927.8	865.9	61.90	14.989	
9,700.0	9,597.4	15,475.0	10,471.5	27.8	42.9	-170.61	-385.3	964.9	918.4	856.5	61.87	14.844	
9,785.0	9,682.4	15,475.0	10,471.5	27.8	42.9	-170.61	-385.3	964.9	838.8	777.3	61.50	13.639	
9,800.0	9,697.4	15,475.0	10,471.5	27.9	42.9	-170.61	-385.3	964.9	824.9	763.5	61.42	13.431	
9,854.7	9,752.0	15,475.0	10,471.5	27.9	42.9	-170.61	-385.3	964.9	774.4	713.4	61.05	12.684	
9,880.0	9,777.4	15,475.0	10,471.5	27.9	42.9	-171.33	-385.3	964.9	751.5	690.7	60.83	12.354	
9,900.0	9,797.3	15,475.0	10,471.5	27.9	42.9	-171.88	-385.3	964.9	733.9	673.3	60.60	12.110	
9,950.0	9,846.9	15,475.0	10,471.5	27.9	42.9	-172.90	-385.3	964.9	692.0	632.1	59.89	11.555	
9,975.0	9,871.5	15,475.0	10,471.5	27.9	42.9	-173.27	-385.3	964.9	672.5	613.0	59.42	11.317	
10,000.0	9,895.8	15,475.0	10,471.5	27.9	42.9	-173.59	-385.3	964.9	654.0	595.1	58.87	11.110	
10,050.0	9,943.6	15,475.0	10,471.5	27.9	42.9	-174.06	-385.3	964.9	620.9	563.5	57.47	10.805	
10,070.0	9,962.3	15,475.0	10,471.5	27.9	42.9	-174.21	-385.3	964.9	609.3	552.5	56.79	10.729	
10,100.0	9,989.9	15,475.0	10,471.5	27.9	42.9	-174.39	-385.3	964.9	593.8	538.2	55.64	10.672 SF	
10,150.0	10,034.5	15,475.0	10,471.5	27.9	42.9	-174.60	-385.3	964.9	573.8	520.5	53.38	10.749	
10,165.0	10,047.4	15,475.0	10,471.5	27.9	42.9	-174.64	-385.3	964.9	569.4	516.7	52.63	10.819	
10,200.0	10,076.8	15,475.0	10,471.5	27.9	42.9	-174.72	-385.3	964.9	561.8	511.1	50.74	11.073	
10,244.5	10,112.4	15,475.0	10,471.5	27.9	42.9	-174.75	-385.3	964.9	558.3	510.2	48.17	11.592 CC, ES	
10,250.0	10,116.7	15,475.0	10,471.5	27.9	42.9	-174.75	-385.3	964.9	558.4	510.6	47.84	11.673	
10,260.0	10,124.4	15,475.0	10,471.5	27.9	42.9	-174.74	-385.3	964.9	558.8	511.5	47.24	11.827	
10,300.0	10,153.9	15,475.0	10,471.5	27.9	42.9	-174.70	-385.3	964.9	563.8	518.9	44.88	12.560	
10,350.0	10,187.9	15,475.0	10,471.5	27.9	42.9	-174.56	-385.3	964.9	577.6	535.5	42.10	13.721	
10,355.0	10,191.2	15,475.0	10,471.5	27.9	42.9	-174.54	-385.3	964.9	579.4	537.6	41.83	13.851	
10,400.0	10,218.7	15,475.0	10,471.5	28.0	42.9	-174.33	-385.3	964.9	599.3	559.6	39.66	15.111	
10,450.0	10,245.9	15,475.0	10,471.5	28.0	42.9	-173.97	-385.3	964.9	627.8	590.1	37.68	16.660	
10,500.0	10,269.3	15,475.0	10,471.5	28.0	42.9	-173.46	-385.3	964.9	662.0	625.8	36.18	18.298	
10,545.0	10,287.1	15,475.0	10,471.5	28.0	42.9	-172.79	-385.3	964.9	696.9	661.7	35.20	19.797	
10,550.0	10,288.8	15,475.0	10,471.5	28.1	42.9	-172.71	-385.3	964.9	701.0	665.9	35.11	19.964	
10,600.0	10,304.2	15,475.0	10,471.5	28.1	42.9	-171.59	-385.3	964.9	743.6	709.2	34.39	21.623	
10,640.0	10,313.6	15,475.0	10,471.5	28.1	42.9	-170.25	-385.3	964.9	779.7	745.7	34.00	22.935	
10,650.0	10,315.5	15,475.0	10,471.5	28.1	42.9	-169.83	-385.3	964.9	789.0	755.0	33.92	23.260	
10,700.0	10,322.4	15,475.0	10,471.5	28.2	42.9	-166.78	-385.3	964.9	836.4	802.7	33.63	24.871	
10,735.0	10,324.7	15,475.0	10,471.5	28.2	42.9	-162.98	-385.3	964.9	870.4	836.9	33.49	25.986	
10,752.7	10,325.0	15,475.0	10,471.5	28.2	42.9	-159.97	-385.3	964.9	887.8	854.4	33.45	26.544	
10,800.0	10,325.2	15,475.0	10,471.5	28.3	42.9	-159.97	-385.3	964.9	934.5	901.1	33.34	28.031	
10,830.0	10,325.3	15,475.0	10,471.5	28.3	42.9	-159.97	-385.3	964.9	964.1	930.8	33.28	28.972	
10,900.0	10,325.5	15,475.0	10,471.5	28.4	42.9	-159.97	-385.3	964.9	1,033.3	1,000.1	33.16	31.163	
10,925.0	10,325.6	15,475.0	10,471.5	28.5	42.9	-159.97	-385.3	964.9	1,058.0	1,024.9	33.12	31.942	
11,000.0	10,325.8	15,475.0	10,471.5	28.6	42.9	-159.97	-385.3	964.9	1,132.3	1,099.3	33.04	34.274	
11,020.0	10,325.9	15,475.0	10,471.5	28.6	42.9	-159.97	-385.3	964.9	1,152.2	1,119.1	33.02	34.893	
11,100.0	10,326.2	15,475.0	10,471.5	28.8	42.9	-159.97	-385.3	964.9	1,231.5	1,198.6	32.96	37.365	
11,115.0	10,326.2	15,475.0	10,471.5	28.8	42.9	-159.97	-385.3	964.9	1,246.4	1,213.5	32.95	37.827	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,900.0	2,878.1	2,897.9	2,897.9	9.5	3.6	24.09	-639.9	1,389.9	1,317.6	1,304.9	12.76	103.279	
2,945.0	2,922.2	2,941.1	2,941.1	9.6	3.7	24.25	-639.7	1,390.0	1,309.1	1,296.1	12.93	101.280	
3,000.0	2,976.0	2,993.9	2,993.9	9.8	3.7	24.45	-639.7	1,390.0	1,298.6	1,285.5	13.13	98.911	
3,040.0	3,015.1	3,031.8	3,031.7	10.0	3.7	24.59	-639.6	1,390.1	1,291.1	1,277.8	13.28	97.219	
3,100.0	3,073.8	3,088.4	3,088.4	10.2	3.7	24.80	-639.5	1,390.4	1,279.9	1,266.4	13.51	94.755	
3,135.0	3,108.0	3,121.3	3,121.2	10.4	3.8	24.92	-639.4	1,390.6	1,273.4	1,259.8	13.64	93.345	
3,200.0	3,171.6	3,182.0	3,182.0	10.6	3.8	25.16	-639.3	1,391.1	1,261.5	1,247.6	13.89	90.801	
3,230.0	3,200.9	3,210.5	3,210.5	10.7	3.8	25.27	-639.4	1,391.3	1,256.1	1,242.0	14.01	89.654	
3,300.0	3,269.4	3,279.0	3,279.0	11.0	3.8	25.55	-639.5	1,391.8	1,243.4	1,229.1	14.28	87.044	
3,325.0	3,293.9	3,303.6	3,303.5	11.1	3.9	25.65	-639.5	1,392.0	1,238.9	1,224.5	14.38	86.131	
3,400.0	3,367.2	3,378.8	3,378.7	11.4	3.9	25.97	-639.7	1,392.5	1,225.3	1,210.6	14.68	83.455	
3,420.0	3,386.8	3,398.8	3,398.8	11.5	3.9	26.06	-639.8	1,392.6	1,221.7	1,206.9	14.76	82.757	
3,500.0	3,465.0	3,478.3	3,478.3	11.8	4.0	26.41	-640.0	1,393.0	1,207.1	1,192.0	15.09	80.020	
3,515.0	3,479.7	3,493.2	3,493.2	11.9	4.0	26.47	-640.0	1,393.1	1,204.4	1,189.2	15.15	79.517	
3,600.0	3,562.8	3,572.2	3,572.2	12.2	4.0	26.82	-640.1	1,393.6	1,189.1	1,173.6	15.50	76.727	
3,610.0	3,572.6	3,581.5	3,581.4	12.3	4.0	26.86	-640.2	1,393.7	1,187.3	1,171.8	15.54	76.407	
3,700.0	3,660.7	3,668.3	3,668.3	12.7	4.1	27.27	-640.6	1,394.4	1,171.4	1,155.5	15.91	73.611	
3,705.0	3,665.6	3,673.2	3,673.1	12.7	4.1	27.29	-640.6	1,394.4	1,170.5	1,154.6	15.93	73.460	
3,800.0	3,758.5	3,766.1	3,766.1	13.1	4.1	27.73	-641.0	1,395.3	1,153.9	1,137.6	16.33	70.648	
3,895.0	3,851.4	3,863.5	3,863.4	13.5	4.2	28.20	-641.3	1,396.2	1,137.2	1,120.5	16.73	67.974	
3,900.0	3,856.3	3,868.8	3,868.7	13.5	4.2	28.23	-641.3	1,396.2	1,136.3	1,119.6	16.75	67.837	
3,990.0	3,944.3	3,955.5	3,955.5	13.9	4.3	28.66	-641.4	1,396.7	1,120.3	1,103.1	17.13	65.392	
4,000.0	3,954.1	3,964.7	3,964.7	13.9	4.3	28.71	-641.4	1,396.8	1,118.5	1,101.3	17.17	65.127	
4,085.0	4,037.2	4,046.5	4,046.4	14.3	4.4	29.14	-641.8	1,397.4	1,103.7	1,086.2	17.54	62.939	
4,100.0	4,051.9	4,061.4	4,061.3	14.4	4.4	29.22	-641.9	1,397.5	1,101.1	1,083.5	17.60	62.564	
4,180.0	4,130.2	4,141.6	4,141.5	14.7	4.4	29.65	-642.2	1,398.1	1,087.2	1,069.3	17.94	60.606	
4,200.0	4,149.7	4,161.8	4,161.8	14.8	4.5	29.77	-642.3	1,398.2	1,083.7	1,065.7	18.02	60.128	
4,275.0	4,223.1	4,234.8	4,234.7	15.1	4.5	30.17	-642.5	1,398.6	1,070.6	1,052.3	18.34	58.365	
4,300.0	4,247.6	4,258.1	4,258.0	15.3	4.5	30.31	-642.7	1,398.7	1,066.3	1,047.9	18.45	57.793	
4,370.0	4,316.0	4,324.1	4,324.0	15.6	4.6	30.71	-643.3	1,399.1	1,054.4	1,035.6	18.75	56.246	
4,400.0	4,345.4	4,353.0	4,353.0	15.7	4.6	30.89	-643.7	1,399.2	1,049.3	1,030.4	18.87	55.621	
4,465.0	4,408.9	4,415.7	4,415.6	16.0	4.7	31.30	-644.5	1,399.5	1,038.4	1,019.3	19.14	54.264	
4,500.0	4,443.2	4,449.5	4,449.4	16.1	4.7	31.52	-645.0	1,399.7	1,032.6	1,013.3	19.28	53.560	
4,560.0	4,501.9	4,508.0	4,507.9	16.4	4.7	31.90	-645.8	1,400.0	1,022.7	1,003.2	19.53	52.377	
4,600.0	4,541.0	4,549.0	4,548.9	16.6	4.7	32.18	-646.3	1,400.3	1,016.1	996.4	19.68	51.620	
4,655.0	4,594.8	4,605.1	4,605.0	16.8	4.8	32.56	-647.1	1,400.4	1,006.9	987.0	19.90	50.594	
4,700.0	4,638.8	4,648.6	4,648.5	17.0	4.8	32.87	-647.6	1,400.5	999.4	979.3	20.08	49.769	
4,750.0	4,687.7	4,697.0	4,696.9	17.2	4.8	33.21	-648.2	1,400.7	991.1	970.9	20.28	48.873	
4,800.0	4,736.6	4,745.4	4,745.3	17.5	4.9	33.56	-648.8	1,400.9	982.9	962.4	20.48	48.003	
4,845.0	4,780.6	4,788.9	4,788.8	17.7	4.9	33.88	-649.4	1,401.0	975.6	954.9	20.65	47.239	
4,900.0	4,834.4	4,842.8	4,842.7	17.9	4.9	34.29	-650.3	1,401.1	966.7	945.8	20.86	46.337	
4,940.0	4,873.6	4,882.2	4,882.0	18.1	5.0	34.60	-650.9	1,401.2	960.2	939.2	21.01	45.697	
5,000.0	4,932.3	4,941.5	4,941.3	18.4	5.0	35.06	-651.8	1,401.3	950.6	929.3	21.24	44.761	
5,035.0	4,966.5	4,976.1	4,976.0	18.5	5.0	35.34	-652.3	1,401.4	944.9	923.6	21.37	44.227	
5,100.0	5,030.1	5,040.5	5,040.4	18.8	5.1	35.86	-653.2	1,401.5	934.5	912.9	21.60	43.258	
5,130.0	5,059.4	5,070.2	5,070.1	19.0	5.1	36.10	-653.6	1,401.5	929.7	908.0	21.71	42.821	
5,200.0	5,127.9	5,137.6	5,137.5	19.3	5.2	36.66	-654.4	1,401.6	918.6	896.6	21.97	41.817	
5,225.0	5,152.3	5,161.2	5,161.0	19.4	5.2	36.86	-654.8	1,401.7	914.7	892.6	22.06	41.467	
5,300.0	5,225.7	5,233.2	5,233.0	19.7	5.3	37.49	-656.0	1,401.8	903.1	880.8	22.32	40.455	
5,320.0	5,245.3	5,252.8	5,252.7	19.8	5.3	37.66	-656.3	1,401.9	900.0	877.6	22.39	40.194	
5,400.0	5,323.5	5,331.6	5,331.4	20.2	5.3	38.36	-657.6	1,402.2	887.9	865.2	22.67	39.168	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,415.0	5,338.2	5,346.5	5,346.3	20.2	5.4	38.49	-657.8	1,402.2	885.6	862.9	22.72	38.980	
5,500.0	5,421.3	5,430.3	5,430.1	20.6	5.4	39.25	-658.9	1,402.6	872.8	849.7	23.01	37.934	
5,510.0	5,431.1	5,440.2	5,440.0	20.7	5.5	39.34	-659.0	1,402.6	871.2	848.2	23.04	37.813	
5,600.0	5,519.1	5,528.5	5,528.3	21.1	5.5	40.16	-660.1	1,403.1	857.8	834.5	23.34	36.751	
5,605.0	5,524.0	5,533.4	5,533.2	21.1	5.6	40.21	-660.1	1,403.1	857.0	833.7	23.36	36.693	
5,700.0	5,617.0	5,625.4	5,625.2	21.5	5.7	41.08	-661.2	1,403.6	843.1	819.4	23.67	35.621	
5,795.0	5,709.9	5,716.5	5,716.3	22.0	5.8	41.95	-662.1	1,404.6	829.5	805.6	23.98	34.598	
5,800.0	5,714.8	5,721.4	5,721.2	22.0	5.8	42.00	-662.2	1,404.6	828.8	804.8	23.99	34.546	
5,890.0	5,802.8	5,809.6	5,809.4	22.4	5.9	42.86	-663.1	1,405.6	816.3	792.0	24.27	33.635	
5,900.0	5,812.6	5,819.2	5,819.0	22.5	5.9	42.96	-663.2	1,405.7	814.9	790.6	24.30	33.537	
5,985.0	5,895.7	5,900.9	5,900.6	22.9	6.0	43.81	-664.4	1,406.5	803.3	778.8	24.55	32.727	
6,000.0	5,910.4	5,915.6	5,915.4	22.9	6.0	43.97	-664.7	1,406.6	801.3	776.8	24.59	32.590	
6,080.0	5,988.7	5,994.2	5,993.9	23.3	6.1	44.83	-666.0	1,407.2	790.8	766.0	24.80	31.885	
6,100.0	6,008.2	6,014.3	6,014.1	23.4	6.1	45.05	-666.3	1,407.4	788.1	763.3	24.85	31.716	
6,175.0	6,081.6	6,090.8	6,090.5	23.7	6.2	45.92	-667.4	1,407.8	778.2	753.2	25.03	31.098	
6,200.0	6,106.0	6,115.3	6,115.0	23.8	6.2	46.20	-667.8	1,407.9	774.9	749.8	25.08	30.892	
6,270.0	6,174.5	6,182.3	6,182.1	24.2	6.3	47.00	-668.8	1,408.2	765.8	740.5	25.24	30.336	
6,300.0	6,203.9	6,212.1	6,211.8	24.3	6.3	47.36	-669.4	1,408.2	762.0	736.7	25.30	30.113	
6,365.0	6,267.4	6,280.3	6,280.0	24.6	6.4	48.20	-670.3	1,408.3	753.6	728.1	25.41	29.651	
6,396.7	6,298.4	6,315.6	6,315.3	24.8	6.4	48.64	-670.6	1,408.3	749.3	723.9	25.45	29.447	
6,400.0	6,301.7	6,319.7	6,319.4	24.8	6.4	48.68	-670.6	1,408.3	748.9	723.4	25.45	29.430	
6,460.0	6,360.5	6,392.6	6,392.3	25.1	6.5	49.44	-670.6	1,407.5	740.6	715.2	25.46	29.087	
6,500.0	6,399.8	6,434.9	6,434.6	25.2	6.4	49.85	-670.2	1,406.6	735.2	709.7	25.48	28.855	
6,555.0	6,454.1	6,491.7	6,491.3	25.5	6.4	50.34	-669.5	1,405.5	728.1	702.6	25.50	28.555	
6,600.0	6,498.6	6,538.3	6,537.9	25.7	6.4	50.70	-668.7	1,404.5	722.7	697.2	25.52	28.318	
6,650.0	6,548.2	6,590.1	6,589.8	25.9	6.4	51.06	-667.6	1,403.3	717.2	691.6	25.55	28.073	
6,700.0	6,597.9	6,640.1	6,639.7	26.1	6.4	51.37	-666.6	1,402.0	712.1	686.5	25.59	27.826	
6,745.0	6,642.7	6,684.8	6,684.3	26.3	6.4	51.62	-665.7	1,400.8	708.0	682.3	25.63	27.625	
6,800.0	6,697.5	6,739.9	6,739.4	26.5	6.4	51.89	-664.7	1,399.2	703.5	677.9	25.68	27.396	
6,840.0	6,737.4	6,780.1	6,779.7	26.7	6.4	52.05	-663.9	1,398.0	700.7	675.0	25.72	27.247	
6,900.0	6,797.4	6,841.0	6,840.5	26.9	6.4	52.23	-662.7	1,396.2	697.1	671.3	25.79	27.035	
6,935.0	6,832.4	6,876.7	6,876.1	26.9	6.4	52.30	-661.9	1,395.2	695.3	669.5	25.80	26.947	
6,996.6	6,894.0	6,940.3	6,939.7	27.0	6.4	146.89	-660.3	1,393.4	692.6	666.8	25.85	26.796	
7,000.0	6,897.4	6,943.8	6,943.2	27.0	6.4	146.89	-660.2	1,393.3	692.5	666.7	25.85	26.793	
7,030.0	6,927.4	6,974.9	6,974.3	27.0	6.4	146.91	-659.3	1,392.4	691.3	665.5	25.85	26.746	
7,100.0	6,997.4	7,042.8	7,042.1	27.1	6.3	146.93	-657.1	1,390.8	688.6	662.7	25.88	26.610	
7,125.0	7,022.4	7,066.1	7,065.4	27.1	6.3	146.93	-656.5	1,390.3	687.7	661.8	25.89	26.561	
7,200.0	7,097.4	7,134.4	7,133.6	27.1	6.3	146.94	-654.8	1,389.1	685.4	659.5	25.95	26.417	
7,220.0	7,117.4	7,152.1	7,151.4	27.1	6.3	146.94	-654.4	1,388.8	684.9	659.0	25.96	26.382	
7,300.0	7,197.4	7,223.9	7,223.1	27.1	6.3	146.95	-653.6	1,388.2	683.7	657.7	26.04	26.258	
7,315.0	7,212.4	7,237.6	7,236.8	27.1	6.4	146.95	-653.5	1,388.1	683.6	657.5	26.06	26.237	
7,374.7	7,272.1	7,292.1	7,291.4	27.1	6.4	146.97	-653.4	1,387.8	683.4	657.3	26.12	26.165	CC, ES
7,400.0	7,297.4	7,315.1	7,314.4	27.1	6.4	146.98	-653.6	1,387.7	683.4	657.3	26.14	26.140	
7,410.0	7,307.4	7,324.2	7,323.4	27.1	6.4	146.99	-653.6	1,387.6	683.5	657.3	26.15	26.131	
7,500.0	7,397.4	7,408.9	7,408.1	27.2	6.4	147.04	-654.5	1,387.4	684.1	657.9	26.22	26.092	
7,505.0	7,402.4	7,413.5	7,412.8	27.2	6.4	147.05	-654.5	1,387.4	684.2	657.9	26.22	26.090	
7,600.0	7,497.4	7,467.0	7,466.2	27.2	6.4	147.10	-656.0	1,387.7	687.4	660.9	26.49	25.946	
7,695.0	7,592.4	7,515.4	7,514.3	27.2	6.5	147.27	-661.1	1,388.4	696.9	670.1	26.88	25.933	SF
7,700.0	7,597.4	7,517.5	7,516.4	27.2	6.6	147.29	-661.4	1,388.4	697.7	670.8	26.90	25.937	
7,790.0	7,687.4	7,562.0	7,559.9	27.2	6.7	147.67	-670.8	1,388.8	713.8	686.5	27.24	26.199	
7,800.0	7,697.4	7,562.0	7,559.9	27.3	6.7	147.67	-670.8	1,388.8	715.9	688.6	27.30	26.220	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,885.0	7,782.4	7,617.0	7,612.5	27.3	6.9	148.40	-686.7	1,388.1	736.4	708.9	27.41	26.860	
7,900.0	7,797.4	7,626.0	7,621.0	27.3	6.9	148.55	-689.6	1,387.8	740.2	712.8	27.43	26.988	
7,980.0	7,877.4	7,671.6	7,663.6	27.3	7.0	149.41	-705.8	1,384.9	762.8	735.3	27.50	27.732	
8,000.0	7,897.4	7,680.2	7,671.4	27.3	7.0	149.59	-709.1	1,384.2	769.0	741.5	27.55	27.915	
8,075.0	7,972.4	7,710.2	7,698.5	27.3	7.1	150.24	-721.8	1,382.0	794.8	767.1	27.74	28.656	
8,100.0	7,997.4	7,722.0	7,709.0	27.3	7.1	150.51	-727.3	1,381.1	804.2	776.4	27.79	28.943	
8,170.0	8,067.4	7,743.7	7,727.8	27.4	7.2	151.02	-737.9	1,379.4	832.8	804.8	28.02	29.726	
8,200.0	8,097.4	7,754.0	7,736.5	27.4	7.3	151.28	-743.3	1,378.5	846.0	817.9	28.10	30.111	
8,265.0	8,162.4	7,772.1	7,751.6	27.4	7.4	151.73	-753.2	1,377.1	876.6	848.3	28.30	30.975	
8,300.0	8,197.4	7,786.0	7,762.8	27.4	7.5	152.09	-761.3	1,376.0	894.2	865.8	28.38	31.503	
8,360.0	8,257.4	7,801.2	7,774.9	27.4	7.5	152.48	-770.5	1,374.8	925.8	897.2	28.55	32.426	
8,400.0	8,297.4	7,818.0	7,788.0	27.4	7.6	152.91	-780.9	1,373.6	947.8	919.2	28.62	33.118	
8,455.0	8,352.4	7,837.1	7,802.7	27.4	7.6	153.40	-793.1	1,372.2	979.2	950.5	28.72	34.095	
8,500.0	8,397.4	7,850.0	7,812.5	27.5	7.6	153.72	-801.5	1,371.3	1,005.8	976.9	28.82	34.902	
8,550.0	8,447.4	7,872.1	7,829.0	27.5	7.7	154.27	-816.1	1,369.7	1,036.1	1,007.2	28.88	35.877	
8,600.0	8,497.4	7,882.0	7,836.2	27.5	7.7	154.51	-822.8	1,369.1	1,067.3	1,038.3	29.00	36.799	
8,645.0	8,542.4	7,899.2	7,848.6	27.5	7.7	154.93	-834.6	1,368.1	1,096.2	1,067.1	29.08	37.695	
8,700.0	8,597.4	7,914.0	7,859.1	27.5	7.8	155.27	-845.1	1,367.4	1,132.5	1,103.3	29.20	38.781	
8,740.0	8,637.4	7,914.0	7,859.1	27.5	7.8	155.27	-845.1	1,367.4	1,159.6	1,130.3	29.33	39.533	
8,800.0	8,697.4	7,944.0	7,879.5	27.5	7.9	155.95	-867.0	1,366.3	1,201.1	1,171.7	29.42	40.824	
8,835.0	8,732.4	7,944.0	7,879.5	27.6	7.9	155.95	-867.0	1,366.3	1,225.8	1,196.2	29.53	41.505	
8,900.0	8,797.4	7,959.8	7,889.9	27.6	7.9	156.30	-879.0	1,365.8	1,272.6	1,242.9	29.69	42.862	
8,930.0	8,827.4	7,975.0	7,899.5	27.6	7.9	156.63	-890.7	1,365.4	1,294.6	1,264.9	29.74	43.530	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
0.0	0.0	3.4	3.4	3.0	3.0	93.08	-32.3	600.0	600.8				
95.0	95.0	102.3	102.3	3.0	3.0	93.03	-31.7	599.7	600.5	594.5	6.02	99.793	
100.0	100.0	107.7	107.7	3.0	3.0	93.02	-31.7	599.6	600.5	594.5	6.02	99.738	
190.0	190.0	200.0	200.0	3.1	3.0	92.91	-30.4	598.7	599.5	593.4	6.13	97.814	
200.0	200.0	210.0	210.0	3.1	3.0	92.89	-30.2	598.6	599.4	593.2	6.15	97.518	
265.8	265.8	269.3	269.3	3.2	3.0	92.83	-29.5	598.2	598.9	592.7	6.22	96.240	
285.0	285.0	286.6	286.6	3.3	3.0	92.82	-29.5	598.2	599.0	592.7	6.25	95.866	
300.0	300.0	300.0	300.0	3.3	3.0	92.82	-29.5	598.3	599.0	592.7	6.27	95.572	
380.0	380.0	375.0	375.0	3.4	3.0	92.89	-30.3	599.0	599.8	593.5	6.36	94.331	
400.0	400.0	394.1	394.0	3.4	3.0	92.92	-30.6	599.3	600.1	593.8	6.38	94.011	
475.0	475.0	474.3	474.2	3.5	3.0	93.04	-31.8	600.2	601.0	594.6	6.47	92.889	
500.0	500.0	502.1	502.1	3.5	3.0	93.06	-32.1	600.3	601.2	594.7	6.50	92.467	
570.0	570.0	582.2	582.1	3.6	3.0	93.10	-32.5	599.7	600.7	594.1	6.58	91.274	
600.0	600.0	614.6	614.6	3.6	3.0	93.10	-32.4	599.2	600.2	593.6	6.62	90.707	
665.0	665.0	686.9	686.8	3.7	3.0	93.08	-32.1	597.3	598.5	591.8	6.69	89.441	
700.0	700.0	721.3	721.2	3.8	3.0	93.07	-32.0	596.3	597.4	590.7	6.73	88.713	
760.0	760.0	778.6	778.4	3.8	3.0	93.07	-31.9	594.7	595.7	588.9	6.80	87.560	
800.0	800.0	816.8	816.6	3.9	3.1	93.07	-31.9	593.8	594.8	587.9	6.85	86.810	
855.0	855.0	869.5	869.4	4.0	3.1	93.09	-32.0	592.7	593.7	586.7	6.92	85.826	
900.0	900.0	913.5	913.4	4.0	3.1	93.12	-32.3	591.9	592.9	585.9	6.98	84.909	
950.0	950.0	961.6	961.5	4.1	3.1	93.15	-32.5	591.1	592.1	585.0	7.06	83.901	
1,000.0	1,000.0	1,005.8	1,005.6	4.1	3.1	93.19	-33.0	590.7	591.6	584.5	7.14	82.852	
1,020.1	1,020.1	1,023.5	1,023.4	4.1	3.2	93.22	-33.2	590.7	591.6	584.4	7.17	82.454	
1,045.0	1,045.0	1,046.0	1,045.8	4.2	3.2	93.25	-33.5	590.7	591.6	584.4	7.22	81.964	
1,100.0	1,100.0	1,090.8	1,090.6	4.2	3.2	93.34	-34.5	591.2	592.4	585.0	7.32	80.946	
1,140.0	1,140.0	1,123.7	1,123.4	4.3	3.3	93.42	-35.4	592.1	593.5	586.1	7.39	80.288	
1,200.0	1,200.0	1,174.2	1,173.9	4.4	3.3	93.58	-37.2	594.1	596.0	588.5	7.51	79.347	
1,235.0	1,235.0	1,203.9	1,203.5	4.4	3.4	93.68	-38.3	595.6	597.8	590.3	7.58	78.843	
1,300.0	1,300.0	1,260.6	1,260.1	4.5	3.5	93.85	-40.4	599.2	602.1	594.4	7.73	77.926	
1,330.0	1,330.0	1,287.3	1,286.7	4.5	3.5	93.93	-41.3	601.1	604.3	596.5	7.80	77.516	
1,400.0	1,400.0	1,349.3	1,348.5	4.6	3.6	94.08	-43.2	606.2	610.2	602.2	7.97	76.598	
1,425.0	1,425.0	1,371.4	1,370.5	4.6	3.7	94.13	-43.9	608.2	612.5	604.4	8.03	76.293	
1,500.0	1,500.0	1,437.8	1,436.5	4.7	3.8	94.30	-46.2	614.7	620.1	611.8	8.22	75.414	
1,520.0	1,520.0	1,455.7	1,454.3	4.7	3.9	-0.19	-46.9	616.6	622.2	613.9	8.30	74.991	
1,600.0	1,600.0	1,530.2	1,528.2	4.8	4.0	0.08	-50.4	625.1	629.9	621.2	8.61	73.126	
1,615.0	1,615.0	1,545.5	1,543.5	4.8	4.1	0.14	-51.3	626.9	631.1	622.4	8.69	72.611	
1,700.0	1,699.8	1,637.2	1,634.4	5.0	4.3	0.53	-56.4	637.0	636.3	627.1	9.16	69.440	
1,710.0	1,709.8	1,649.0	1,646.1	5.0	4.3	0.58	-57.0	638.2	636.6	627.4	9.22	69.018	
1,800.0	1,799.5	1,755.0	1,751.6	5.2	4.6	0.95	-61.9	647.6	637.0	627.2	9.78	65.120	
1,805.0	1,804.4	1,760.9	1,757.5	5.2	4.6	0.96	-62.1	648.1	636.8	627.0	9.81	64.893	
1,900.0	1,898.7	1,857.1	1,853.3	5.5	4.9	1.27	-66.0	654.9	632.2	621.9	10.38	60.907	
1,995.0	1,992.5	1,937.9	1,933.7	5.8	5.1	1.61	-70.0	661.4	625.6	614.7	10.92	57.283	
2,000.0	1,997.5	1,941.9	1,937.8	5.9	5.1	1.62	-70.2	661.8	625.2	614.3	10.95	57.104	
2,090.0	2,085.8	2,026.4	2,021.6	6.2	5.4	2.05	-75.2	670.6	618.0	606.5	11.51	53.672	
2,100.0	2,095.6	2,037.2	2,032.4	6.2	5.4	2.10	-75.9	671.7	617.0	605.5	11.58	53.265	
2,185.0	2,178.8	2,127.1	2,121.7	6.5	5.7	2.57	-81.1	680.4	608.0	595.9	12.12	50.183	
2,200.0	2,193.4	2,142.6	2,137.1	6.5	5.7	2.65	-82.0	681.8	606.4	594.2	12.21	49.665	
2,280.0	2,271.7	2,212.5	2,206.6	6.7	5.9	3.00	-85.8	688.5	597.9	585.2	12.67	47.178	
2,300.0	2,291.3	2,228.4	2,222.3	6.8	6.0	3.08	-86.7	690.3	596.1	583.3	12.78	46.630	
2,375.0	2,364.6	2,289.4	2,282.8	7.1	6.2	3.36	-90.0	698.1	590.4	577.2	13.21	44.684	
2,400.0	2,389.1	2,310.5	2,303.7	7.1	6.3	3.45	-91.1	701.1	588.9	575.5	13.36	44.075	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,470.0	2,457.5	2,373.6	2,365.9	7.4	6.5	3.70	-94.2	710.8	585.5	571.6	13.80	42.418	
2,500.0	2,486.9	2,409.7	2,401.5	7.5	6.6	3.82	-95.8	716.3	583.9	569.9	14.04	41.604	
2,565.0	2,550.5	2,485.7	2,476.8	7.7	6.8	4.04	-98.5	726.7	579.5	565.0	14.53	39.874	
2,600.0	2,584.7	2,524.9	2,515.7	7.8	7.0	4.14	-99.6	731.7	576.8	562.0	14.80	38.983	
2,660.0	2,643.4	2,589.2	2,579.5	8.1	7.2	4.27	-101.2	739.3	571.5	556.3	15.24	37.510	
2,700.0	2,682.5	2,630.9	2,620.9	8.2	7.3	4.35	-102.0	744.1	567.8	552.3	15.53	36.571	
2,755.0	2,736.3	2,686.4	2,676.0	8.4	7.5	4.44	-102.9	750.3	562.6	546.6	15.92	35.332	
2,800.0	2,780.3	2,731.3	2,720.6	8.6	7.6	4.50	-103.6	755.3	558.3	542.0	16.25	34.362	
2,850.0	2,829.2	2,781.8	2,770.8	8.8	7.8	4.56	-104.3	760.9	553.5	536.9	16.61	33.315	
2,900.0	2,878.1	2,832.3	2,821.0	9.0	8.0	4.63	-104.9	766.5	548.6	531.6	16.98	32.306	
2,945.0	2,922.2	2,878.3	2,866.7	9.2	8.1	4.68	-105.5	771.5	544.1	526.8	17.32	31.421	
3,000.0	2,976.0	2,934.5	2,922.6	9.4	8.3	4.74	-106.0	777.5	538.5	520.8	17.73	30.376	
3,040.0	3,015.1	2,975.5	2,963.4	9.5	8.5	4.78	-106.4	781.7	534.4	516.3	18.03	29.635	
3,100.0	3,073.8	3,037.3	3,024.9	9.8	8.7	4.85	-107.0	788.0	527.9	509.4	18.49	28.558	
3,135.0	3,108.0	3,073.9	3,061.3	9.9	8.8	4.90	-107.3	791.5	524.0	505.3	18.75	27.942	
3,200.0	3,171.6	3,141.7	3,128.8	10.2	9.0	5.00	-108.1	797.7	516.5	497.2	19.25	26.828	
3,230.0	3,200.9	3,172.9	3,159.8	10.3	9.1	5.04	-108.4	800.5	512.9	493.4	19.48	26.325	
3,300.0	3,269.4	3,239.6	3,226.3	10.6	9.4	5.13	-108.9	806.2	504.3	484.3	20.01	25.207	
3,325.0	3,293.9	3,260.9	3,247.6	10.7	9.4	5.17	-109.2	808.2	501.5	481.3	20.19	24.840	
3,400.0	3,367.2	3,327.6	3,313.8	11.0	9.7	5.33	-110.5	815.3	494.0	473.3	20.74	23.817	
3,420.0	3,386.8	3,346.9	3,333.0	11.1	9.7	5.39	-111.0	817.5	492.2	471.3	20.90	23.554	
3,500.0	3,465.0	3,425.4	3,411.0	11.4	10.0	5.69	-113.5	826.5	485.0	463.5	21.51	22.545	
3,515.0	3,479.7	3,440.7	3,426.2	11.5	10.1	5.76	-114.2	828.2	483.6	462.0	21.63	22.360	
3,600.0	3,562.8	3,526.2	3,511.0	11.9	10.4	6.27	-118.3	837.5	475.8	453.5	22.29	21.345	
3,610.0	3,572.6	3,536.0	3,520.8	11.9	10.4	6.33	-118.8	838.6	474.9	452.5	22.37	21.230	
3,700.0	3,660.7	3,625.4	3,609.5	12.3	10.7	6.99	-124.0	848.2	466.8	443.7	23.07	20.235	
3,705.0	3,665.6	3,630.5	3,614.5	12.3	10.7	7.03	-124.3	848.7	466.3	443.2	23.11	20.181	
3,800.0	3,758.5	3,726.5	3,709.9	12.7	11.1	7.76	-129.8	858.8	457.5	433.7	23.85	19.184	
3,895.0	3,851.4	3,822.7	3,805.5	13.2	11.4	8.49	-135.0	868.7	448.5	423.9	24.59	18.238	
3,900.0	3,856.3	3,827.9	3,810.5	13.2	11.4	8.52	-135.2	869.2	448.0	423.4	24.63	18.189	
3,990.0	3,944.3	3,919.2	3,901.3	13.6	11.8	9.20	-139.7	878.2	439.1	413.7	25.33	17.331	
4,000.0	3,954.1	3,929.3	3,911.3	13.6	11.8	9.27	-140.1	879.2	438.0	412.6	25.41	17.238	
4,085.0	4,037.2	4,015.4	3,997.0	14.0	12.1	9.87	-143.8	887.5	429.3	403.3	26.07	16.466	
4,100.0	4,051.9	4,030.7	4,012.2	14.1	12.2	9.98	-144.4	888.9	427.8	401.6	26.19	16.332	
4,180.0	4,130.2	4,106.9	4,088.0	14.4	12.4	10.51	-147.5	896.1	419.4	392.6	26.81	15.647	
4,200.0	4,149.7	4,124.9	4,105.9	14.5	12.5	10.66	-148.4	898.0	417.5	390.6	26.96	15.488	
4,275.0	4,223.1	4,197.7	4,178.2	14.8	12.8	11.32	-152.4	905.8	411.0	383.5	27.53	14.928	
4,300.0	4,247.6	4,223.9	4,204.2	15.0	12.9	11.56	-153.9	908.5	408.8	381.1	27.73	14.743	
4,370.0	4,316.0	4,291.7	4,271.5	15.3	13.1	12.19	-157.5	915.5	402.4	374.2	28.26	14.239	
4,400.0	4,345.4	4,318.9	4,298.5	15.4	13.2	12.46	-159.2	918.4	400.0	371.5	28.49	14.041	
4,465.0	4,408.9	4,377.7	4,356.7	15.7	13.4	13.10	-163.1	925.4	395.4	366.4	28.96	13.650	
4,500.0	4,443.2	4,409.2	4,387.9	15.9	13.5	13.50	-165.7	929.3	393.3	364.1	29.22	13.462	
4,560.0	4,501.9	4,466.2	4,444.1	16.1	13.7	14.31	-171.0	936.9	390.4	360.8	29.65	13.169	
4,600.0	4,541.0	4,507.9	4,485.3	16.3	13.9	14.92	-175.0	942.3	388.5	358.6	29.95	12.972	
4,655.0	4,594.8	4,565.0	4,541.7	16.6	14.1	15.75	-180.1	949.4	385.6	355.3	30.36	12.702	
4,700.0	4,638.8	4,611.2	4,587.4	16.8	14.3	16.41	-184.1	955.0	383.1	352.4	30.69	12.483	
4,750.0	4,687.7	4,662.8	4,638.4	17.0	14.4	17.14	-188.4	961.2	380.1	349.1	31.06	12.241	
4,800.0	4,736.6	4,714.4	4,689.6	17.2	14.6	17.87	-192.5	967.1	377.0	345.6	31.42	11.999	
4,845.0	4,780.6	4,760.7	4,735.4	17.4	14.8	18.53	-196.1	972.2	374.0	342.2	31.74	11.783	
4,900.0	4,834.4	4,817.2	4,791.4	17.7	15.0	19.34	-200.2	978.2	370.1	338.0	32.12	11.521	
4,940.0	4,873.6	4,854.6	4,828.6	17.8	15.1	19.89	-202.9	982.2	367.3	334.9	32.40	11.338	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,000.0	4,932.3	4,909.5	4,882.9	18.1	15.3	20.77	-207.6	988.4	363.8	331.1	32.79	11.096	
5,035.0	4,966.5	4,945.0	4,918.0	18.3	15.5	21.38	-211.0	992.5	362.1	329.1	33.02	10.965	
5,100.0	5,030.1	5,013.9	4,986.2	18.6	15.7	22.60	-217.2	999.9	358.5	325.0	33.45	10.716	
5,130.0	5,059.4	5,045.1	5,017.2	18.7	15.8	23.15	-219.9	1,003.1	356.6	322.9	33.64	10.599	
5,200.0	5,127.9	5,118.0	5,089.5	19.0	16.1	24.46	-225.9	1,010.1	351.8	317.7	34.08	10.324	
5,225.0	5,152.3	5,144.1	5,115.4	19.2	16.2	24.93	-227.9	1,012.4	350.0	315.7	34.23	10.225	
5,300.0	5,225.7	5,222.1	5,192.9	19.5	16.5	26.34	-233.4	1,019.1	344.1	309.4	34.67	9.923	
5,320.0	5,245.3	5,242.7	5,213.4	19.6	16.6	26.71	-234.8	1,020.8	342.4	307.6	34.79	9.842	
5,400.0	5,323.5	5,324.9	5,295.2	20.0	16.9	28.24	-240.0	1,027.1	335.4	300.2	35.24	9.519	
5,415.0	5,338.2	5,340.2	5,310.4	20.0	16.9	28.53	-240.9	1,028.2	334.1	298.7	35.32	9.458	
5,500.0	5,421.3	5,426.8	5,396.7	20.4	17.2	30.20	-245.8	1,034.2	326.1	290.4	35.77	9.118	
5,510.0	5,431.1	5,436.9	5,406.8	20.5	17.3	30.40	-246.4	1,034.9	325.2	289.3	35.82	9.078	
5,600.0	5,519.1	5,527.8	5,497.3	20.9	17.6	32.29	-251.3	1,040.5	316.5	280.2	36.25	8.730	
5,605.0	5,524.0	5,532.8	5,502.3	20.9	17.6	32.40	-251.5	1,040.8	316.0	279.7	36.27	8.711	
5,700.0	5,617.0	5,627.8	5,597.0	21.3	17.9	34.46	-256.2	1,046.4	306.7	270.0	36.69	8.358	
5,795.0	5,709.9	5,722.0	5,690.9	21.8	18.3	36.58	-260.6	1,052.1	297.6	260.6	37.08	8.027	
5,800.0	5,714.8	5,726.9	5,695.9	21.8	18.3	36.69	-260.8	1,052.4	297.2	260.1	37.10	8.011	
5,890.0	5,802.8	5,816.6	5,785.2	22.2	18.6	38.79	-264.7	1,057.8	288.9	251.5	37.42	7.721	
5,900.0	5,812.6	5,826.5	5,795.2	22.3	18.6	39.03	-265.1	1,058.3	288.0	250.5	37.45	7.690	
5,985.0	5,895.7	5,911.6	5,880.0	22.7	19.0	41.18	-268.7	1,063.2	280.3	242.6	37.70	7.436	
6,000.0	5,910.4	5,926.7	5,895.1	22.7	19.0	41.57	-269.3	1,064.0	279.0	241.2	37.73	7.393	
6,080.0	5,988.7	6,006.5	5,974.7	23.1	19.3	43.77	-272.6	1,068.1	271.8	233.9	37.90	7.172	
6,100.0	6,008.2	6,026.4	5,994.6	23.2	19.4	44.34	-273.4	1,069.1	270.1	232.1	37.93	7.119	
6,175.0	6,081.6	6,101.4	6,069.4	23.5	19.6	46.57	-276.4	1,072.6	263.6	225.6	38.03	6.932	
6,200.0	6,106.0	6,126.4	6,094.4	23.7	19.7	47.33	-277.3	1,073.8	261.5	223.4	38.05	6.872	
6,270.0	6,174.5	6,196.2	6,164.1	24.0	20.0	49.55	-279.8	1,076.8	255.6	217.5	38.08	6.711	
6,300.0	6,203.9	6,226.0	6,193.9	24.1	20.1	50.53	-280.8	1,078.1	253.1	215.0	38.08	6.647	
6,365.0	6,267.4	6,290.7	6,258.5	24.4	20.3	52.74	-283.1	1,080.7	248.0	209.9	38.05	6.517	
6,396.7	6,298.4	6,322.2	6,289.9	24.6	20.4	53.88	-284.2	1,081.8	245.5	207.5	38.01	6.459	
6,400.0	6,301.7	6,325.5	6,293.2	24.6	20.4	54.00	-284.3	1,082.0	245.3	207.3	38.01	6.453	
6,460.0	6,360.5	6,385.4	6,353.1	24.9	20.6	56.09	-286.4	1,083.8	241.2	203.3	37.93	6.359	
6,500.0	6,399.8	6,425.5	6,393.1	25.1	20.8	57.44	-287.8	1,084.8	239.0	201.1	37.89	6.308	
6,555.0	6,454.1	6,480.8	6,448.3	25.3	21.0	59.21	-289.7	1,086.0	236.5	198.6	37.83	6.251	
6,600.0	6,498.6	6,526.1	6,493.6	25.5	21.1	60.57	-291.2	1,086.7	234.8	197.0	37.80	6.213	
6,650.0	6,548.2	6,576.2	6,543.7	25.7	21.3	61.98	-292.9	1,087.3	233.4	195.7	37.77	6.180	
6,700.0	6,597.9	6,626.4	6,593.8	26.0	21.5	63.28	-294.5	1,087.6	232.5	194.7	37.77	6.155	
6,745.0	6,642.7	6,671.6	6,639.1	26.1	21.6	64.33	-296.0	1,087.7	232.0	194.2	37.79	6.138	
6,800.0	6,697.5	6,727.0	6,694.4	26.4	21.8	65.40	-297.6	1,087.9	231.7	193.9	37.85	6.121	
6,804.9	6,702.4	6,731.9	6,699.3	26.4	21.8	65.48	-297.7	1,087.9	231.7	193.8	37.86	6.120	
6,840.0	6,737.4	6,766.9	6,734.3	26.5	21.9	66.02	-298.7	1,088.0	231.8	193.9	37.93	6.112	
6,900.0	6,797.4	6,827.0	6,794.3	26.7	22.2	66.72	-300.4	1,088.2	232.4	194.3	38.09	6.101	
6,935.0	6,832.4	6,861.9	6,829.3	26.8	22.3	66.99	-301.4	1,088.3	233.0	194.8	38.20	6.099	
6,996.6	6,894.0	6,924.0	6,891.3	26.9	22.5	161.76	-303.0	1,088.6	234.4	195.9	38.43	6.098	
7,000.0	6,897.4	6,927.4	6,894.8	26.9	22.5	161.76	-303.1	1,088.7	234.5	196.0	38.45	6.099	
7,030.0	6,927.4	6,958.5	6,925.8	26.9	22.6	161.71	-303.7	1,089.1	235.2	196.6	38.56	6.098	
7,100.0	6,997.4	7,029.4	6,996.7	26.9	22.9	161.33	-304.4	1,090.9	236.3	197.4	38.91	6.073	
7,125.0	7,022.4	7,053.6	7,020.9	26.9	22.9	161.10	-304.5	1,092.0	236.8	197.7	39.07	6.061	
7,200.0	7,097.4	7,128.3	7,095.4	26.9	23.2	160.15	-304.8	1,096.3	238.5	199.0	39.57	6.028	
7,220.0	7,117.4	7,149.1	7,116.3	26.9	23.3	159.88	-304.8	1,097.5	238.9	199.2	39.70	6.019	
7,300.0	7,197.4	7,231.8	7,198.8	26.9	23.6	158.95	-304.4	1,101.5	239.9	199.7	40.19	5.970	
7,315.0	7,212.4	7,247.1	7,214.1	27.0	23.6	158.80	-304.3	1,102.1	240.0	199.7	40.27	5.960	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,400.0	7,297.4	7,334.6	7,301.6	27.0	23.9	158.13	-303.4	1,104.8	240.2	199.5	40.72	5.899	
7,410.0	7,307.4	7,345.0	7,312.0	27.0	24.0	158.06	-303.3	1,105.0	240.1	199.4	40.77	5.891	
7,500.0	7,397.4	7,437.3	7,404.2	27.0	24.3	157.52	-301.5	1,106.7	239.1	197.9	41.19	5.805	
7,505.0	7,402.4	7,442.4	7,409.3	27.0	24.3	157.49	-301.3	1,106.8	239.1	197.8	41.22	5.800	
7,600.0	7,497.4	7,538.7	7,505.6	27.0	24.6	157.11	-299.1	1,107.6	237.4	195.7	41.64	5.700	
7,695.0	7,592.4	7,634.4	7,601.2	27.1	24.9	157.32	-297.5	1,105.9	235.2	193.3	41.93	5.609	
7,700.0	7,597.4	7,639.4	7,606.2	27.1	24.9	157.35	-297.4	1,105.8	235.1	193.1	41.94	5.604	
7,790.0	7,687.4	7,729.7	7,696.5	27.1	25.2	158.02	-296.4	1,102.4	232.9	190.8	42.13	5.528	
7,800.0	7,697.4	7,739.7	7,706.5	27.1	25.2	158.10	-296.3	1,102.1	232.6	190.5	42.15	5.520	
7,885.0	7,782.4	7,821.8	7,788.5	27.1	25.5	158.61	-295.4	1,099.5	230.9	188.5	42.40	5.444	
7,900.0	7,797.4	7,836.0	7,802.7	27.1	25.5	158.68	-295.4	1,099.2	230.7	188.2	42.46	5.434	
7,949.1	7,846.5	7,883.1	7,849.8	27.1	25.7	158.86	-295.5	1,098.4	230.5	187.9	42.63	5.407	
7,980.0	7,877.4	7,913.0	7,879.8	27.1	25.8	158.96	-295.7	1,098.1	230.6	187.8	42.74	5.394	
8,000.0	7,897.4	7,932.4	7,899.2	27.1	25.9	159.01	-295.9	1,097.9	230.7	187.9	42.81	5.388	
8,075.0	7,972.4	8,006.3	7,973.0	27.2	26.1	159.21	-296.8	1,097.4	231.4	188.3	43.08	5.372	
8,100.0	7,997.4	8,031.1	7,997.8	27.2	26.2	159.28	-297.2	1,097.3	231.7	188.5	43.16	5.368	
8,170.0	8,067.4	8,101.4	8,068.1	27.2	26.4	159.49	-298.3	1,096.8	232.6	189.2	43.39	5.360	
8,200.0	8,097.4	8,131.8	8,098.5	27.2	26.5	159.58	-298.7	1,096.6	232.9	189.4	43.48	5.356	
8,265.0	8,162.4	8,196.1	8,162.7	27.2	26.7	159.73	-299.6	1,096.2	233.5	189.8	43.71	5.343	
8,300.0	8,197.4	8,230.5	8,197.1	27.2	26.9	159.77	-300.1	1,096.2	234.0	190.2	43.85	5.337	
8,360.0	8,257.4	8,289.7	8,256.4	27.2	27.1	159.78	-301.0	1,096.5	235.0	190.9	44.09	5.330	
8,400.0	8,297.4	8,329.2	8,295.9	27.3	27.2	159.75	-301.7	1,096.9	235.8	191.5	44.27	5.327	
8,455.0	8,352.4	8,384.2	8,350.9	27.3	27.4	159.66	-302.6	1,097.7	236.9	192.4	44.51	5.323	
8,500.0	8,397.4	8,429.3	8,395.9	27.3	27.6	159.57	-303.3	1,098.3	237.8	193.1	44.71	5.320	
8,550.0	8,447.4	8,480.9	8,447.5	27.3	27.7	159.47	-304.0	1,099.0	238.7	193.8	44.91	5.314	
8,600.0	8,497.4	8,532.3	8,499.0	27.3	27.9	159.42	-304.4	1,099.4	239.2	194.1	45.11	5.302	
8,645.0	8,542.4	8,577.6	8,544.3	27.3	28.1	159.39	-304.6	1,099.6	239.5	194.2	45.29	5.287	
8,700.0	8,597.4	8,633.2	8,599.9	27.3	28.3	159.37	-304.9	1,099.8	239.7	194.2	45.51	5.268	
8,740.0	8,637.4	8,674.3	8,641.0	27.4	28.4	159.39	-304.9	1,099.7	239.8	194.1	45.65	5.253	
8,800.0	8,697.4	8,735.7	8,702.3	27.4	28.6	159.49	-304.8	1,099.2	239.5	193.7	45.84	5.225	
8,835.0	8,732.4	8,771.0	8,737.7	27.4	28.7	159.57	-304.7	1,098.8	239.2	193.3	45.95	5.206	
8,900.0	8,797.4	8,836.4	8,803.0	27.4	28.9	159.77	-304.4	1,097.8	238.6	192.5	46.15	5.170	
8,930.0	8,827.4	8,866.3	8,832.9	27.4	29.0	159.88	-304.3	1,097.3	238.3	192.1	46.22	5.156	
9,000.0	8,897.4	8,936.2	8,902.8	27.4	29.1	160.17	-304.1	1,095.9	237.7	191.4	46.32	5.132	
9,025.0	8,922.4	8,962.0	8,928.6	27.4	29.1	160.29	-304.0	1,095.4	237.4	191.1	46.30	5.128	
9,100.0	8,997.4	9,067.8	9,034.1	27.5	29.1	160.04	-297.9	1,094.3	233.7	188.0	45.69	5.116	
9,120.0	9,017.4	9,100.0	9,065.7	27.5	29.1	159.28	-291.8	1,095.2	230.3	184.9	45.45	5.068	
9,200.0	9,097.4	9,202.2	9,162.3	27.5	29.1	153.68	-260.5	1,104.3	210.0	164.4	45.58	4.608	
9,215.0	9,112.4	9,219.1	9,177.6	27.5	29.1	152.10	-253.7	1,107.0	205.6	159.8	45.79	4.489	
9,300.0	9,197.4	9,316.2	9,259.7	27.5	29.2	138.36	-206.1	1,126.9	178.1	130.1	47.99	3.711	
9,310.0	9,207.4	9,326.4	9,267.7	27.5	29.2	136.47	-200.3	1,129.1	174.8	126.4	48.41	3.611	
9,400.0	9,297.4	9,398.4	9,323.6	27.6	29.2	120.80	-157.7	1,144.7	152.4	99.1	53.32	2.858	
9,405.0	9,302.4	9,402.2	9,326.5	27.6	29.2	119.87	-155.3	1,145.6	151.7	98.1	53.59	2.831	
9,452.9	9,350.3	9,437.9	9,353.6	27.6	29.2	110.96	-133.5	1,153.8	148.3	92.5	55.79	2.658	CC, ES, SF
9,500.0	9,397.4	9,469.9	9,377.1	27.6	29.2	102.70	-113.5	1,161.7	151.9	95.0	56.88	2.670	
9,595.0	9,492.4	9,530.5	9,419.4	27.6	29.2	87.45	-73.3	1,178.2	180.0	124.4	55.56	3.240	
9,600.0	9,497.4	9,533.4	9,421.3	27.6	29.2	86.76	-71.2	1,179.0	182.1	126.7	55.41	3.288	
9,690.0	9,587.4	9,579.6	9,450.6	27.7	29.3	76.52	-38.1	1,192.3	229.6	177.6	52.08	4.409	
9,700.0	9,597.4	9,583.7	9,453.0	27.7	29.3	75.70	-35.1	1,193.5	235.8	184.1	51.69	4.562	
9,785.0	9,682.4	9,618.0	9,472.6	27.7	29.3	69.40	-9.3	1,204.8	293.9	245.0	48.90	6.010	
9,800.0	9,697.4	9,618.0	9,472.6	27.7	29.3	69.40	-9.3	1,204.8	304.9	256.6	48.30	6.313	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
9,854.7	9,752.0	9,637.7	9,483.1	27.7	29.3	66.30	5.8	1,211.9	346.8	299.8	47.02	7.376	
9,880.0	9,777.4	9,645.5	9,487.1	27.7	29.3	62.45	11.9	1,214.9	366.7	320.1	46.61	7.867	
9,900.0	9,797.3	9,651.8	9,490.2	27.7	29.3	59.48	16.8	1,217.3	382.5	336.1	46.34	8.253	
9,950.0	9,846.9	9,666.0	9,497.0	27.7	29.3	52.93	27.8	1,223.0	421.9	376.3	45.55	9.262	
9,975.0	9,871.5	9,679.9	9,503.5	27.7	29.3	49.69	38.7	1,228.6	441.3	395.9	45.39	9.722	
10,000.0	9,895.8	9,691.5	9,508.8	27.7	29.3	46.96	47.9	1,233.4	460.5	415.3	45.21	10.185	
10,050.0	9,943.6	9,713.0	9,518.4	27.7	29.3	42.43	64.9	1,242.4	497.8	452.9	44.89	11.090	
10,070.0	9,962.3	9,727.9	9,524.9	27.7	29.3	40.82	76.8	1,248.5	512.3	467.4	44.92	11.405	
10,100.0	9,989.9	9,746.1	9,532.6	27.7	29.4	38.73	91.7	1,255.8	533.4	488.6	44.89	11.884	
10,150.0	10,034.5	9,771.9	9,543.1	27.7	29.4	35.85	113.1	1,265.6	567.1	522.3	44.77	12.666	
10,165.0	10,047.4	9,778.4	9,545.7	27.7	29.4	35.10	118.6	1,268.0	576.8	532.1	44.73	12.896	
10,200.0	10,076.8	9,793.7	9,551.4	27.7	29.4	33.53	131.5	1,273.8	599.1	554.4	44.65	13.416	
10,250.0	10,116.7	9,807.0	9,556.1	27.8	29.4	31.56	142.9	1,278.8	629.4	584.9	44.48	14.151	
10,260.0	10,124.4	9,819.5	9,560.3	27.8	29.4	31.31	153.7	1,283.5	635.2	590.6	44.59	14.245	
10,300.0	10,153.9	9,836.5	9,565.6	27.8	29.4	30.11	168.5	1,290.0	657.8	613.2	44.59	14.752	
10,350.0	10,187.9	9,860.2	9,572.4	27.8	29.5	28.90	189.3	1,299.0	684.4	639.8	44.68	15.320	
10,355.0	10,191.2	9,864.2	9,573.4	27.8	29.5	28.82	192.9	1,300.5	687.0	642.3	44.71	15.367	
10,400.0	10,218.7	9,902.0	9,583.5	27.8	29.5	28.25	226.5	1,314.5	708.5	663.5	45.00	15.743	
10,450.0	10,245.9	9,932.3	9,591.0	27.8	29.5	27.64	253.9	1,325.2	729.6	684.4	45.23	16.131	
10,500.0	10,269.3	9,950.0	9,595.0	27.9	29.6	26.99	270.0	1,331.2	748.3	702.9	45.38	16.491	
10,545.0	10,287.1	9,978.6	9,600.4	27.9	29.6	26.73	296.5	1,340.4	763.1	717.5	45.65	16.718	
10,550.0	10,288.8	9,980.7	9,600.8	27.9	29.6	26.69	298.5	1,341.1	764.7	719.0	45.67	16.743	
10,600.0	10,304.2	9,997.0	9,603.1	27.9	29.6	26.28	313.8	1,346.2	779.1	733.2	45.90	16.975	
10,640.0	10,313.6	10,016.1	9,605.1	28.0	29.6	26.14	331.8	1,352.1	789.2	743.1	46.15	17.101	
10,650.0	10,315.5	10,019.8	9,605.4	28.0	29.7	26.10	335.3	1,353.3	791.6	745.4	46.21	17.129	
10,700.0	10,322.4	10,045.0	9,606.8	28.0	29.7	26.11	359.2	1,361.3	802.2	755.7	46.58	17.222	
10,735.0	10,324.7	10,045.0	9,606.8	28.1	29.7	25.83	359.2	1,361.3	808.5	761.7	46.79	17.278	
10,752.7	10,325.0	10,068.6	9,607.3	28.1	29.7	26.21	381.4	1,369.0	811.0	764.0	47.01	17.250	
10,800.0	10,325.2	10,101.1	9,608.0	28.1	29.8	26.95	411.9	1,380.3	818.0	770.6	47.45	17.239	
10,830.0	10,325.3	10,121.5	9,608.3	28.2	29.8	27.43	430.9	1,387.7	822.9	775.2	47.74	17.239	
10,900.0	10,325.5	10,187.1	9,608.9	28.3	29.9	28.93	492.0	1,411.7	835.4	786.9	48.50	17.227	
10,925.0	10,325.6	10,215.4	9,608.9	28.3	30.0	29.51	518.6	1,421.2	839.9	791.1	48.78	17.219	
11,000.0	10,325.8	10,307.5	9,607.9	28.5	30.2	31.10	606.6	1,448.5	852.4	802.9	49.57	17.198	
11,020.0	10,325.9	10,333.0	9,607.5	28.5	30.2	31.46	631.3	1,455.1	855.5	805.8	49.76	17.193	
11,100.0	10,326.2	10,412.4	9,606.2	28.6	30.4	32.55	708.1	1,474.8	867.8	817.3	50.47	17.193	
11,115.0	10,326.2	10,427.3	9,606.0	28.7	30.4	32.75	722.5	1,478.5	870.1	819.5	50.61	17.192	
11,200.0	10,326.5	10,508.7	9,604.7	28.8	30.6	33.82	801.3	1,498.8	883.4	832.0	51.38	17.194	
11,210.0	10,326.6	10,518.2	9,604.6	28.9	30.7	33.95	810.6	1,501.2	885.0	833.5	51.47	17.194	
11,300.0	10,326.9	10,593.9	9,603.3	29.1	30.9	34.94	883.7	1,520.6	900.0	847.7	52.27	17.218	
11,305.0	10,326.9	10,598.1	9,603.2	29.1	30.9	35.00	887.7	1,521.7	900.9	848.6	52.32	17.219	
11,400.0	10,327.2	10,695.5	9,601.8	29.3	31.2	36.31	981.6	1,548.0	917.7	864.4	53.26	17.231	
11,495.0	10,327.5	10,770.3	9,601.2	29.5	31.4	37.35	1,053.4	1,569.1	935.2	881.0	54.15	17.271	
11,500.0	10,327.6	10,774.4	9,601.1	29.6	31.4	37.40	1,057.2	1,570.2	936.1	881.9	54.19	17.274	
11,590.0	10,327.9	10,903.0	9,599.1	29.8	31.8	39.05	1,180.7	1,605.9	954.0	898.7	55.26	17.263	
11,600.0	10,327.9	10,943.8	9,599.2	29.8	32.0	39.48	1,220.5	1,614.9	955.5	900.0	55.45	17.230	
11,685.0	10,328.2	11,120.5	9,600.0	30.1	32.6	40.35	1,396.2	1,633.3	960.2	904.0	56.21	17.082	
11,700.0	10,328.2	11,147.9	9,600.2	30.1	32.6	40.41	1,423.5	1,634.4	960.6	904.3	56.31	17.058	
11,780.0	10,328.5	11,271.9	9,600.5	30.4	33.1	40.34	1,547.5	1,632.7	959.9	903.1	56.79	16.903	
11,800.0	10,328.6	11,299.0	9,600.5	30.4	33.2	40.27	1,574.6	1,631.2	959.3	902.4	56.90	16.860	
11,875.0	10,328.8	11,363.5	9,599.7	30.7	33.4	40.04	1,638.9	1,626.9	957.1	899.6	57.43	16.663	
11,900.0	10,328.9	11,384.5	9,599.1	30.8	33.5	39.95	1,659.8	1,625.5	956.5	898.9	57.61	16.603	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
11,970.0	10,329.2	11,440.4	9,597.1	31.0	33.7	39.70	1,715.5	1,621.6	955.7	897.6	58.14	16.439	
11,987.9	10,329.2	11,454.5	9,596.4	31.1	33.7	39.63	1,729.5	1,620.7	955.7	897.4	58.27	16.401	
12,000.0	10,329.3	11,464.0	9,595.9	31.1	33.8	39.58	1,739.0	1,620.0	955.7	897.3	58.36	16.376	
12,065.0	10,329.5	11,526.4	9,592.4	31.3	34.0	39.25	1,801.3	1,616.0	956.2	897.4	58.82	16.257	
12,100.0	10,329.6	11,568.3	9,590.8	31.5	34.2	39.10	1,843.1	1,614.0	956.3	897.2	59.06	16.192	
12,160.0	10,329.8	11,633.2	9,589.8	31.7	34.4	38.96	1,907.9	1,611.9	955.9	896.4	59.53	16.059	
12,200.0	10,330.0	11,674.5	9,589.4	31.8	34.6	38.88	1,949.2	1,610.5	955.7	895.8	59.85	15.967	
12,255.0	10,330.1	11,742.3	9,589.3	32.0	34.9	38.78	2,016.9	1,608.5	954.9	894.6	60.29	15.838	
12,300.0	10,330.3	11,792.3	9,590.2	32.2	35.1	38.75	2,066.9	1,607.2	953.7	893.1	60.68	15.719	
12,350.0	10,330.5	11,833.7	9,590.7	32.4	35.3	38.72	2,108.3	1,606.1	952.6	891.5	61.15	15.579	
12,400.0	10,330.6	11,875.0	9,590.8	32.6	35.5	38.68	2,149.6	1,605.2	952.0	890.4	61.62	15.449	
12,445.0	10,330.8	11,913.0	9,590.6	32.8	35.6	38.63	2,187.6	1,604.3	951.8	889.7	62.05	15.339	
12,451.2	10,330.8	11,918.3	9,590.5	32.8	35.7	38.62	2,192.9	1,604.2	951.8	889.7	62.11	15.324	
12,500.0	10,331.0	11,959.5	9,589.9	33.0	35.8	38.56	2,234.1	1,603.4	952.0	889.4	62.57	15.213	
12,540.0	10,331.1	12,044.5	9,589.9	33.2	36.2	38.45	2,319.1	1,601.2	951.7	888.8	62.83	15.146	
12,600.0	10,331.3	12,128.3	9,593.1	33.4	36.6	38.39	2,402.6	1,597.3	948.2	884.9	63.33	14.973	
12,635.0	10,331.4	12,170.1	9,595.1	33.6	36.8	38.35	2,444.4	1,594.9	945.9	882.2	63.64	14.862	
12,700.0	10,331.7	12,220.5	9,597.1	33.8	37.1	38.29	2,494.6	1,592.2	941.8	877.5	64.34	14.639	
12,730.0	10,331.8	12,245.1	9,597.9	34.0	37.2	38.26	2,519.2	1,590.9	940.2	875.5	64.65	14.542	
12,800.0	10,332.0	12,307.8	9,599.5	34.3	37.5	38.17	2,581.8	1,587.8	937.0	871.6	65.38	14.332	
12,825.0	10,332.1	12,330.7	9,599.9	34.4	37.6	38.13	2,604.6	1,586.6	935.9	870.3	65.64	14.259	
12,900.0	10,332.3	12,398.7	9,600.9	34.7	38.0	38.01	2,672.6	1,583.3	933.1	866.7	66.42	14.050	
12,920.0	10,332.4	12,416.8	9,601.1	34.8	38.1	37.97	2,690.7	1,582.5	932.5	865.9	66.63	13.996	
13,000.0	10,332.7	12,489.1	9,601.4	35.2	38.4	37.83	2,762.8	1,579.3	930.3	862.9	67.47	13.789	
13,015.0	10,332.7	12,502.6	9,601.4	35.3	38.5	37.80	2,776.4	1,578.7	930.0	862.4	67.63	13.751	
13,100.0	10,333.0	12,582.5	9,600.9	35.7	38.9	37.60	2,856.2	1,575.1	928.5	860.0	68.53	13.549	
13,110.0	10,333.1	12,592.3	9,600.8	35.7	39.0	37.58	2,865.9	1,574.7	928.3	859.7	68.63	13.526	
13,200.0	10,333.4	12,686.8	9,599.5	36.2	39.5	37.29	2,960.4	1,569.9	926.9	857.3	69.56	13.325	
13,205.0	10,333.4	12,692.4	9,599.4	36.2	39.5	37.28	2,966.0	1,569.6	926.8	857.2	69.61	13.314	
13,300.0	10,333.7	12,785.2	9,598.4	36.7	40.1	36.97	3,058.5	1,564.1	924.7	854.0	70.62	13.093	
13,395.0	10,334.0	12,867.1	9,596.6	37.1	40.5	36.67	3,140.4	1,559.5	923.5	851.8	71.67	12.885	
13,400.0	10,334.1	12,871.3	9,596.5	37.2	40.6	36.65	3,144.5	1,559.2	923.5	851.8	71.73	12.875	
13,417.2	10,334.1	12,885.6	9,596.0	37.2	40.6	36.59	3,158.8	1,558.4	923.5	851.5	71.92	12.840	
13,490.0	10,334.4	12,954.0	9,593.2	37.6	41.0	36.31	3,227.0	1,554.8	923.8	851.1	72.71	12.705	
13,500.0	10,334.4	12,964.8	9,592.8	37.7	41.1	36.27	3,237.8	1,554.3	923.9	851.0	72.82	12.686	
13,585.0	10,334.7	13,051.6	9,590.7	38.1	41.6	36.03	3,324.5	1,551.1	924.0	850.2	73.77	12.525	
13,600.0	10,334.7	13,066.0	9,590.4	38.2	41.7	35.99	3,338.9	1,550.5	924.0	850.1	73.94	12.497	
13,680.0	10,335.0	13,152.0	9,587.7	38.6	42.2	35.70	3,424.8	1,546.6	924.2	849.4	74.83	12.352	
13,700.0	10,335.1	13,176.6	9,587.2	38.7	42.4	35.62	3,449.3	1,545.5	924.1	849.1	75.04	12.315	
13,775.0	10,335.3	13,253.8	9,586.5	39.1	42.8	35.44	3,526.5	1,542.4	923.2	847.3	75.91	12.162	
13,800.0	10,335.4	13,277.5	9,586.6	39.2	43.0	35.42	3,550.2	1,541.9	923.0	846.8	76.21	12.111	
13,870.0	10,335.7	13,354.3	9,587.6	39.6	43.4	35.41	3,626.9	1,541.2	922.2	845.1	77.06	11.968	
13,900.0	10,335.8	13,389.2	9,588.3	39.8	43.7	35.42	3,661.9	1,540.9	921.6	844.2	77.42	11.905	
13,965.0	10,336.0	13,468.9	9,591.1	40.1	44.2	35.48	3,741.5	1,540.1	919.7	841.5	78.19	11.762	
14,000.0	10,336.1	13,517.9	9,593.7	40.3	44.5	35.55	3,790.4	1,539.6	918.1	839.5	78.59	11.683	
14,060.0	10,336.3	13,597.2	9,600.0	40.7	45.0	35.73	3,869.4	1,538.6	914.0	834.7	79.28	11.529	
14,100.0	10,336.5	13,630.6	9,602.8	40.9	45.2	35.82	3,902.8	1,538.3	911.2	831.3	79.83	11.413	
14,155.0	10,336.6	13,677.0	9,606.4	41.2	45.5	35.93	3,949.0	1,538.0	907.7	827.1	80.59	11.263	
14,200.0	10,336.8	13,724.9	9,609.8	41.4	45.8	36.04	3,996.7	1,537.6	905.1	823.9	81.17	11.150	
14,250.0	10,337.0	13,777.7	9,613.7	41.7	46.1	36.14	4,049.4	1,536.8	901.9	820.1	81.81	11.024	
14,300.0	10,337.1	13,824.5	9,617.0	42.0	46.4	36.23	4,096.1	1,536.1	898.8	816.3	82.48	10.897	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
14,345.0	10,337.3	13,866.9	9,620.0	42.3	46.7	36.32	4,138.4	1,535.6	896.1	813.0	83.09	10.785	
14,400.0	10,337.5	13,923.7	9,624.1	42.6	47.1	36.45	4,195.1	1,535.1	892.9	809.0	83.81	10.653	
14,440.0	10,337.6	13,959.0	9,626.7	42.8	47.3	36.53	4,230.3	1,534.8	890.4	806.1	84.37	10.554	
14,500.0	10,337.8	14,004.6	9,629.2	43.2	47.6	36.59	4,275.8	1,534.0	887.5	802.3	85.22	10.413	
14,535.0	10,337.9	14,028.9	9,629.9	43.4	47.8	36.58	4,300.1	1,533.4	886.3	800.6	85.72	10.340	
14,600.0	10,338.2	14,093.2	9,630.0	43.8	48.2	36.46	4,364.3	1,531.0	885.0	798.5	86.55	10.226	
14,630.0	10,338.3	14,133.9	9,630.3	43.9	48.5	36.37	4,404.9	1,528.9	884.1	797.2	86.88	10.175	
14,700.0	10,338.5	14,204.1	9,631.1	44.3	48.9	36.17	4,475.1	1,524.7	881.2	793.5	87.76	10.041	
14,725.0	10,338.6	14,227.6	9,631.2	44.5	49.1	36.10	4,498.5	1,523.3	880.3	792.2	88.09	9.993	
14,800.0	10,338.8	14,297.4	9,631.5	44.9	49.6	35.89	4,568.2	1,519.1	877.8	788.7	89.06	9.856	
14,820.0	10,338.9	14,316.1	9,631.5	45.1	49.7	35.83	4,586.8	1,518.0	877.2	787.9	89.32	9.820	
14,900.0	10,339.2	14,371.7	9,631.0	45.5	50.1	35.66	4,642.4	1,515.1	875.7	785.3	90.42	9.685	
14,902.7	10,339.2	14,373.3	9,630.9	45.6	50.1	35.65	4,644.0	1,515.0	875.7	785.3	90.46	9.681	
14,915.0	10,339.2	14,380.8	9,630.7	45.6	50.1	35.63	4,651.4	1,514.7	875.8	785.1	90.63	9.664	
15,000.0	10,339.5	14,432.1	9,628.1	46.1	50.5	35.44	4,702.6	1,512.9	877.9	786.2	91.72	9.571	
15,010.0	10,339.6	14,442.8	9,627.4	46.2	50.6	35.39	4,713.3	1,512.7	878.3	786.5	91.85	9.563	
15,100.0	10,339.9	14,538.5	9,621.0	46.8	51.2	34.99	4,808.7	1,509.5	881.9	788.9	92.99	9.483	
15,105.0	10,339.9	14,543.4	9,620.7	46.8	51.3	34.96	4,813.7	1,509.3	882.1	789.0	93.05	9.479	
15,200.0	10,340.2	14,643.4	9,614.1	47.4	52.0	34.52	4,913.3	1,505.6	885.6	791.3	94.26	9.395	
15,295.0	10,340.5	14,773.9	9,611.8	48.0	52.9	34.35	5,043.7	1,504.1	886.8	791.3	95.51	9.285	
15,300.0	10,340.6	14,781.0	9,611.8	48.0	52.9	34.35	5,050.9	1,504.0	886.7	791.2	95.57	9.278	
15,390.0	10,340.9	14,884.9	9,613.9	48.6	53.7	34.34	5,154.7	1,502.3	884.8	788.0	96.77	9.143	
15,400.0	10,340.9	14,895.6	9,614.2	48.6	53.8	34.33	5,165.4	1,502.1	884.5	787.6	96.90	9.128	
15,485.0	10,341.2	14,988.9	9,616.5	49.1	54.4	34.29	5,258.7	1,499.6	881.8	783.8	98.03	8.995	
15,500.0	10,341.2	15,006.1	9,617.0	49.2	54.5	34.28	5,275.9	1,499.1	881.2	783.0	98.23	8.971	
15,580.0	10,341.5	15,105.1	9,621.2	49.7	55.3	34.25	5,374.8	1,495.7	877.2	778.0	99.23	8.841	
15,600.0	10,341.6	15,123.8	9,622.2	49.9	55.4	34.25	5,393.4	1,495.0	876.1	776.6	99.51	8.804	
15,675.0	10,341.8	15,199.1	9,626.0	50.3	55.9	34.22	5,468.5	1,492.0	871.5	771.0	100.55	8.668	
15,700.0	10,341.9	15,221.2	9,627.0	50.5	56.1	34.20	5,490.6	1,491.0	870.1	769.2	100.91	8.622	
15,770.0	10,342.2	15,285.0	9,629.2	51.0	56.5	34.12	5,554.3	1,487.9	866.4	764.5	101.91	8.502	
15,800.0	10,342.3	15,285.0	9,629.2	51.1	56.5	34.12	5,554.3	1,487.9	865.5	763.0	102.45	8.447	
15,864.6	10,342.5	15,336.7	9,629.9	51.6	56.9	34.06	5,605.9	1,486.3	864.1	760.8	103.37	8.359	
15,865.0	10,342.5	15,336.9	9,629.9	51.6	56.9	34.06	5,606.1	1,486.3	864.1	760.8	103.38	8.359	
15,900.0	10,342.6	15,356.4	9,629.7	51.8	57.1	34.04	5,625.6	1,486.2	864.5	760.6	103.88	8.322	
15,960.0	10,342.8	15,394.2	9,628.7	52.2	57.3	34.04	5,663.4	1,486.8	866.4	761.7	104.69	8.276	
16,000.0	10,343.0	15,426.1	9,627.5	52.4	57.6	34.03	5,695.3	1,487.5	868.4	763.1	105.23	8.252	
16,055.0	10,343.1	15,475.0	9,625.0	52.8	57.9	34.01	5,744.1	1,488.7	871.6	765.7	105.97	8.225	
16,100.0	10,343.3	15,504.5	9,623.1	53.1	58.2	33.98	5,773.5	1,489.6	874.8	768.3	106.53	8.212	
16,150.0	10,343.5	15,542.5	9,620.2	53.4	58.5	33.94	5,811.4	1,490.7	879.0	771.9	107.15	8.204	
16,200.0	10,343.6	15,617.6	9,614.2	53.7	59.0	33.84	5,886.2	1,492.8	883.6	775.7	107.98	8.183	
16,245.0	10,343.8	15,687.0	9,612.2	54.0	59.5	33.83	5,955.6	1,494.1	885.1	776.5	108.69	8.143	
16,300.0	10,344.0	15,725.6	9,610.7	54.4	59.8	33.81	5,994.1	1,494.8	887.6	778.1	109.43	8.111	
16,340.0	10,344.1	15,760.0	9,608.8	54.6	60.1	33.78	6,028.5	1,495.4	890.0	780.0	109.96	8.093	
16,400.0	10,344.3	15,941.7	9,611.4	55.0	61.4	33.89	6,209.9	1,495.8	889.9	779.3	110.58	8.047	
16,435.0	10,344.4	15,976.7	9,614.5	55.3	61.7	33.98	6,244.8	1,495.3	887.1	776.0	111.10	7.985	
16,500.0	10,344.7	16,032.1	9,619.0	55.7	62.1	34.09	6,300.0	1,494.3	882.4	770.3	112.12	7.870	
16,530.0	10,344.8	16,044.0	9,619.8	55.9	62.2	34.11	6,311.9	1,494.1	880.6	768.0	112.68	7.816	
16,600.0	10,345.0	16,101.1	9,622.8	56.4	62.6	34.17	6,369.0	1,493.3	877.4	763.7	113.76	7.713	
16,625.0	10,345.1	16,117.8	9,623.3	56.5	62.7	34.18	6,385.6	1,493.1	876.7	762.6	114.15	7.680	
16,700.0	10,345.3	16,215.6	9,627.5	57.0	63.5	34.24	6,483.3	1,491.4	873.5	758.4	115.13	7.587	
16,720.0	10,345.4	16,259.6	9,630.5	57.2	63.8	34.28	6,527.1	1,490.1	872.0	756.8	115.24	7.567	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
16,800.0	10,345.7	16,328.0	9,634.5	57.7	64.3	34.31	6,595.4	1,488.0	867.0	750.5	116.50	7.442	
16,815.0	10,345.7	16,328.0	9,634.5	57.8	64.3	34.31	6,595.4	1,488.0	866.2	749.4	116.82	7.415	
16,900.0	10,346.0	16,404.0	9,637.2	58.4	64.9	34.30	6,671.3	1,485.9	862.7	744.6	118.10	7.305	
16,910.0	10,346.1	16,412.7	9,637.5	58.4	65.0	34.30	6,680.1	1,485.7	862.4	744.1	118.25	7.293	
17,000.0	10,346.4	16,493.5	9,639.4	59.0	65.6	34.28	6,760.7	1,484.0	859.9	740.3	119.59	7.190	
17,005.0	10,346.4	16,498.0	9,639.5	59.1	65.6	34.28	6,765.2	1,483.9	859.7	740.1	119.66	7.185	
17,083.7	10,346.7	16,557.7	9,640.2	59.6	66.1	34.25	6,824.9	1,483.0	858.7	737.9	120.85	7.106	
17,100.0	10,346.7	16,569.2	9,640.1	59.7	66.2	34.24	6,836.5	1,482.9	858.8	737.7	121.09	7.092	
17,195.0	10,347.0	16,682.3	9,638.9	60.3	67.0	34.15	6,949.5	1,482.1	859.9	737.5	122.43	7.024	
17,200.0	10,347.1	16,692.5	9,639.1	60.4	67.1	34.16	6,959.7	1,482.0	859.8	737.4	122.48	7.020	
17,290.0	10,347.4	16,776.9	9,641.7	61.0	67.8	34.24	7,044.0	1,481.8	857.8	734.0	123.83	6.927	
17,300.0	10,347.4	16,785.4	9,641.9	61.0	67.8	34.25	7,052.5	1,481.8	857.7	733.7	123.98	6.918	
17,356.1	10,347.6	16,830.1	9,642.4	61.4	68.2	34.27	7,097.3	1,481.7	857.3	732.4	124.83	6.868	
17,385.0	10,347.7	16,852.5	9,642.4	61.6	68.3	34.26	7,119.6	1,481.6	857.4	732.1	125.26	6.845	
17,400.0	10,347.7	16,864.1	9,642.3	61.7	68.4	34.26	7,131.2	1,481.6	857.5	732.1	125.48	6.834	
17,480.0	10,348.0	16,938.6	9,640.7	62.3	69.0	34.17	7,205.8	1,481.2	859.0	732.4	126.63	6.784	
17,500.0	10,348.1	16,960.7	9,640.3	62.4	69.2	34.15	7,227.9	1,481.1	859.4	732.4	126.93	6.771	
17,575.0	10,348.3	17,057.1	9,639.9	62.9	69.9	34.12	7,324.3	1,480.8	859.8	731.8	128.00	6.717	
17,600.0	10,348.4	17,091.9	9,640.5	63.1	70.2	34.13	7,359.0	1,480.5	859.4	731.1	128.34	6.696	
17,670.0	10,348.7	17,157.5	9,642.0	63.6	70.7	34.17	7,424.6	1,480.2	858.2	728.8	129.39	6.633	
17,700.0	10,348.8	17,186.8	9,642.6	63.8	70.9	34.19	7,454.0	1,480.2	857.8	727.9	129.84	6.606	
17,765.0	10,349.0	17,253.0	9,644.1	64.2	71.5	34.23	7,520.1	1,480.0	856.8	726.0	130.80	6.550	
17,800.0	10,349.1	17,288.5	9,644.9	64.5	71.7	34.25	7,555.6	1,479.8	856.2	724.9	131.32	6.520	
17,860.0	10,349.3	17,349.5	9,646.2	64.9	72.2	34.29	7,616.6	1,479.5	855.2	722.9	132.21	6.468	
17,900.0	10,349.5	17,391.6	9,647.3	65.2	72.5	34.31	7,658.7	1,479.3	854.4	721.6	132.80	6.434	
17,955.0	10,349.6	17,451.0	9,648.7	65.5	73.0	34.32	7,718.1	1,478.5	853.1	719.5	133.59	6.386	
18,000.0	10,349.8	17,494.0	9,649.6	65.8	73.3	34.31	7,761.1	1,477.6	852.0	717.7	134.27	6.346	
18,050.0	10,350.0	17,540.0	9,650.2	66.2	73.7	34.27	7,807.0	1,476.4	851.0	715.9	135.02	6.303	
18,100.0	10,350.1	17,587.4	9,650.3	66.5	74.1	34.19	7,854.4	1,474.9	850.1	714.4	135.76	6.262	
18,145.0	10,350.3	17,630.6	9,650.1	66.8	74.4	34.08	7,897.5	1,473.1	849.5	713.1	136.41	6.227	
18,200.0	10,350.5	17,680.7	9,649.4	67.2	74.8	33.91	7,947.5	1,470.7	848.9	711.6	137.22	6.186	
18,240.0	10,350.6	17,715.9	9,648.6	67.5	75.1	33.79	7,982.8	1,469.1	848.7	710.9	137.80	6.159	
18,253.1	10,350.7	17,727.5	9,648.4	67.6	75.2	33.75	7,994.3	1,468.5	848.7	710.7	137.99	6.150	
18,300.0	10,350.8	17,771.7	9,647.2	67.9	75.5	33.60	8,038.5	1,466.6	848.8	710.1	138.67	6.121	
18,335.0	10,350.9	17,806.3	9,646.1	68.2	75.8	33.47	8,073.0	1,465.0	848.9	709.7	139.17	6.100	
18,400.0	10,351.2	17,862.4	9,644.3	68.6	76.2	33.26	8,129.0	1,462.4	849.3	709.2	140.10	6.062	
18,430.0	10,351.3	17,884.4	9,643.4	68.8	76.4	33.19	8,151.0	1,461.7	849.9	709.4	140.53	6.048	
18,500.0	10,351.5	17,936.2	9,641.1	69.3	76.8	33.07	8,202.8	1,461.1	852.3	710.8	141.49	6.024	
18,525.0	10,351.6	17,961.1	9,639.9	69.5	77.0	33.03	8,227.6	1,461.1	853.5	711.6	141.85	6.017	
18,600.0	10,351.8	18,036.0	9,636.4	70.0	77.6	32.91	8,302.4	1,461.3	856.9	713.9	142.95	5.994	
18,620.0	10,351.9	18,056.5	9,635.4	70.2	77.8	32.87	8,322.9	1,461.4	857.8	714.5	143.25	5.988	
18,700.0	10,352.2	18,139.2	9,631.8	70.7	78.4	32.76	8,405.5	1,461.7	861.2	716.8	144.44	5.963	
18,715.0	10,352.2	18,155.1	9,631.2	70.8	78.6	32.75	8,421.4	1,461.9	861.8	717.2	144.66	5.958	
18,800.0	10,352.5	18,247.2	9,628.8	71.4	79.3	32.77	8,513.4	1,463.7	865.0	719.0	145.97	5.926	
18,810.0	10,352.6	18,258.4	9,628.6	71.5	79.4	32.78	8,524.6	1,464.0	865.3	719.2	146.12	5.922	
18,900.0	10,352.9	18,365.2	9,628.0	72.1	80.3	32.90	8,631.4	1,466.7	867.3	719.8	147.53	5.879	
18,905.0	10,352.9	18,371.5	9,628.0	72.2	80.3	32.91	8,637.7	1,466.8	867.4	719.8	147.60	5.877	
19,000.0	10,353.2	18,484.0	9,630.1	72.8	81.2	33.10	8,750.1	1,468.9	867.3	718.2	149.04	5.819	
19,082.8	10,353.5	18,558.0	9,631.7	73.4	81.8	33.21	8,824.1	1,469.8	866.7	716.3	150.32	5.765	
19,095.0	10,353.5	18,568.1	9,631.9	73.5	81.9	33.23	8,834.3	1,470.0	866.7	716.2	150.51	5.758	
19,100.0	10,353.6	18,572.3	9,631.9	73.5	81.9	33.23	8,838.4	1,470.1	866.7	716.1	150.58	5.755	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
19,190.0	10,353.9	18,657.2	9,632.9	74.2	82.6	33.38	8,923.3	1,472.1	867.4	715.4	151.96	5.708	
19,200.0	10,353.9	18,667.1	9,633.0	74.2	82.7	33.40	8,933.2	1,472.3	867.5	715.4	152.12	5.703	
19,285.0	10,354.2	18,747.6	9,633.5	74.8	83.3	33.52	9,013.7	1,474.2	868.4	715.0	153.41	5.661	
19,300.0	10,354.2	18,761.6	9,633.6	74.9	83.4	33.55	9,027.6	1,474.7	868.7	715.0	153.64	5.654	
19,380.0	10,354.5	18,840.9	9,634.3	75.5	84.1	33.73	9,106.9	1,477.5	870.0	715.2	154.88	5.618	
19,400.0	10,354.6	18,861.2	9,634.5	75.7	84.2	33.78	9,127.2	1,478.3	870.4	715.2	155.19	5.608	
19,475.0	10,354.8	18,932.2	9,635.5	76.2	84.8	34.00	9,198.1	1,481.6	871.7	715.3	156.35	5.575	
19,500.0	10,354.9	18,955.3	9,635.8	76.4	85.0	34.07	9,221.2	1,482.7	872.2	715.5	156.73	5.565	
19,570.0	10,355.2	19,016.5	9,636.4	76.9	85.5	34.27	9,282.2	1,486.1	874.2	716.4	157.79	5.540	
19,600.0	10,355.3	19,042.1	9,636.4	77.1	85.7	34.35	9,307.8	1,487.5	875.2	717.0	158.24	5.531	
19,665.0	10,355.5	19,097.8	9,636.1	77.5	86.1	34.52	9,363.4	1,490.9	878.1	718.9	159.20	5.516	
19,700.0	10,355.6	19,128.0	9,635.7	77.8	86.4	34.61	9,393.5	1,492.8	879.9	720.2	159.71	5.509	
19,760.0	10,355.8	19,183.8	9,634.5	78.2	86.8	34.77	9,449.3	1,496.5	883.4	722.8	160.61	5.500	
19,800.0	10,356.0	19,227.0	9,633.5	78.5	87.2	34.86	9,492.4	1,499.0	885.7	724.4	161.25	5.492	
19,855.0	10,356.1	19,306.6	9,631.9	78.9	87.8	34.98	9,571.9	1,502.5	888.3	726.0	162.24	5.475	
19,900.0	10,356.3	19,372.8	9,632.4	79.2	88.3	35.09	9,638.0	1,504.1	888.7	725.8	162.96	5.454	
19,950.0	10,356.5	19,422.3	9,633.1	79.6	88.7	35.16	9,687.5	1,505.1	888.9	725.2	163.73	5.429	
20,000.0	10,356.6	19,471.1	9,633.7	79.9	89.1	35.23	9,736.3	1,506.0	889.2	724.7	164.50	5.405	
20,045.0	10,356.8	19,514.2	9,634.1	80.2	89.5	35.29	9,779.4	1,506.8	889.5	724.3	165.19	5.384	
20,100.0	10,357.0	19,567.6	9,634.6	80.6	89.9	35.37	9,832.8	1,508.0	889.9	723.9	166.04	5.360	
20,140.0	10,357.1	19,607.0	9,634.9	80.9	90.2	35.43	9,872.2	1,508.8	890.3	723.7	166.66	5.342	
20,200.0	10,357.3	19,674.6	9,635.6	81.4	90.8	35.52	9,939.8	1,510.2	890.8	723.3	167.58	5.316	
20,235.0	10,357.4	19,719.5	9,636.4	81.6	91.1	35.58	9,984.6	1,510.7	890.7	722.6	168.11	5.298	
20,300.0	10,357.7	19,785.0	9,637.9	82.1	91.7	35.65	10,050.1	1,511.1	890.0	720.9	169.11	5.263	
20,330.0	10,357.8	19,813.6	9,638.4	82.3	91.9	35.68	10,078.8	1,511.1	889.7	720.1	169.57	5.247	
20,400.0	10,358.0	19,881.1	9,639.3	82.8	92.5	35.71	10,146.2	1,511.2	889.2	718.6	170.65	5.211	
20,425.0	10,358.1	19,905.3	9,639.5	83.0	92.6	35.72	10,170.4	1,511.1	889.1	718.1	171.03	5.199	
20,473.3	10,358.3	19,949.5	9,639.8	83.3	93.0	35.72	10,214.6	1,510.9	889.0	717.2	171.77	5.175	
20,500.0	10,358.3	19,973.1	9,639.8	83.5	93.2	35.71	10,238.2	1,510.8	889.0	716.8	172.18	5.163	
20,520.0	10,358.4	19,990.8	9,639.7	83.7	93.3	35.70	10,255.9	1,510.7	889.1	716.6	172.49	5.155	
20,600.0	10,358.7	20,066.3	9,638.8	84.2	94.0	35.64	10,331.4	1,510.2	889.9	716.2	173.70	5.123	
20,615.0	10,358.7	20,081.0	9,638.5	84.3	94.1	35.62	10,346.1	1,510.0	890.1	716.1	173.92	5.118	
20,700.0	10,359.0	20,181.5	9,637.2	85.0	94.9	35.49	10,446.5	1,508.4	890.6	715.4	175.19	5.084	
20,710.0	10,359.1	20,194.5	9,637.3	85.0	95.0	35.48	10,459.6	1,508.3	890.5	715.2	175.33	5.079	
20,800.0	10,359.4	20,280.1	9,638.0	85.7	95.7	35.46	10,545.1	1,507.4	889.7	713.0	176.71	5.035	
20,805.0	10,359.4	20,284.6	9,638.0	85.7	95.7	35.46	10,549.7	1,507.3	889.7	712.9	176.79	5.033	
20,900.0	10,359.7	20,386.7	9,638.5	86.4	96.6	35.42	10,651.8	1,506.2	889.2	710.9	178.22	4.989	
20,995.0	10,360.0	20,482.3	9,640.0	87.1	97.4	35.44	10,747.3	1,505.6	888.0	708.3	179.67	4.942	
21,000.0	10,360.1	20,487.2	9,640.1	87.1	97.4	35.45	10,752.3	1,505.6	887.9	708.1	179.75	4.940	
21,090.0	10,360.4	20,581.4	9,641.9	87.8	98.2	35.49	10,846.4	1,505.1	886.6	705.5	181.12	4.895	
21,100.0	10,360.4	20,586.0	9,642.0	87.8	98.2	35.49	10,851.0	1,505.1	886.4	705.1	181.29	4.890	
21,176.1	10,360.7	20,652.4	9,642.7	88.4	98.7	35.49	10,917.4	1,504.6	885.8	703.3	182.48	4.854	
21,185.0	10,360.7	20,659.6	9,642.7	88.5	98.8	35.48	10,924.6	1,504.5	885.8	703.2	182.61	4.851	
21,200.0	10,360.7	20,671.8	9,642.6	88.6	98.9	35.48	10,936.8	1,504.4	885.9	703.0	182.84	4.845	
21,280.0	10,361.0	20,761.2	9,642.6	89.1	99.6	35.45	11,026.2	1,504.0	886.0	701.9	184.05	4.814	
21,300.0	10,361.1	20,783.5	9,642.9	89.3	99.8	35.46	11,048.5	1,503.9	885.9	701.5	184.36	4.805	
21,375.0	10,361.3	20,860.2	9,644.0	89.8	100.4	35.49	11,125.2	1,503.8	885.2	699.7	185.51	4.772	
21,400.0	10,361.4	20,886.1	9,644.5	90.0	100.7	35.51	11,151.1	1,503.8	884.9	699.0	185.89	4.760	
21,470.0	10,361.7	20,958.8	9,646.3	90.5	101.3	35.60	11,223.8	1,504.3	884.0	697.1	186.97	4.728	
21,500.0	10,361.8	20,995.3	9,647.6	90.7	101.6	35.67	11,260.3	1,504.7	883.5	696.1	187.41	4.714	
21,565.0	10,362.0	21,077.5	9,651.6	91.2	102.2	35.85	11,342.4	1,505.2	881.5	693.2	188.31	4.681	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
21,600.0	10,362.1	21,120.1	9,654.1	91.5	102.6	35.94	11,384.9	1,505.1	879.9	691.1	188.79	4.661	
21,660.0	10,362.3	21,185.9	9,658.2	91.9	103.1	36.05	11,450.5	1,504.3	876.6	686.9	189.66	4.622	
21,700.0	10,362.5	21,224.9	9,660.7	92.2	103.4	36.11	11,489.4	1,503.6	874.4	684.1	190.30	4.595	
21,755.0	10,362.6	21,277.8	9,663.9	92.6	103.9	36.19	11,542.2	1,502.8	871.4	680.2	191.18	4.558	
21,800.0	10,362.8	21,320.4	9,666.4	92.9	104.2	36.26	11,584.8	1,502.2	869.1	677.2	191.90	4.529	
21,850.0	10,363.0	21,372.5	9,669.4	93.3	104.6	36.34	11,636.8	1,501.6	866.6	673.9	192.66	4.498	
21,900.0	10,363.1	21,430.4	9,673.0	93.6	105.1	36.42	11,694.6	1,500.5	863.7	670.4	193.34	4.467	
21,945.0	10,363.3	21,477.5	9,676.0	94.0	105.5	36.48	11,741.5	1,499.2	860.9	666.8	194.01	4.437	
22,000.0	10,363.5	21,533.2	9,679.6	94.4	105.9	36.54	11,797.1	1,497.7	857.3	662.4	194.85	4.400	
22,040.0	10,363.6	21,575.8	9,682.4	94.7	106.3	36.58	11,839.6	1,496.4	854.6	659.2	195.43	4.373	
22,100.0	10,363.8	21,639.1	9,686.9	95.1	106.8	36.66	11,902.7	1,494.5	850.4	654.1	196.31	4.332	
22,135.0	10,363.9	21,672.4	9,689.3	95.4	107.1	36.69	11,935.9	1,493.4	847.9	651.0	196.88	4.307	
22,200.0	10,364.2	21,733.7	9,693.3	95.8	107.6	36.74	11,997.0	1,491.4	843.4	645.5	197.94	4.261	
22,230.0	10,364.3	21,760.0	9,694.9	96.1	107.8	36.76	12,023.2	1,490.5	841.5	643.0	198.46	4.240	
22,300.0	10,364.5	21,822.0	9,698.3	96.6	108.3	36.80	12,085.2	1,488.7	837.5	637.9	199.64	4.195	
22,314.7	10,364.6	21,834.8	9,698.9	96.7	108.4	36.81	12,097.9	1,488.4	836.8	636.9	199.90	4.186	
22,325.0	10,364.6	21,844.1	9,699.4	96.8	108.5	36.81	12,107.3	1,488.1	836.2	636.2	200.06	4.180	
22,400.0	10,364.8	21,915.0	9,702.6	97.3	109.1	36.85	12,178.0	1,486.4	832.7	631.4	201.27	4.137	
22,420.0	10,364.9	21,915.0	9,702.6	97.4	109.1	36.85	12,178.0	1,486.4	832.0	630.3	201.75	4.124	
22,437.0	10,365.0	21,915.0	9,702.6	97.6	109.1	36.85	12,178.0	1,486.4	831.8	629.8	202.07	4.117	
22,444.7	10,365.0	21,915.0	9,702.6	97.6	109.1	36.85	12,178.0	1,486.4	831.9	629.7	202.19	4.114	

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	2.3	2.3	3.0	3.0	93.27	-32.5	569.9	570.8				
95.0	95.0	96.4	96.4	3.0	3.0	93.21	-32.0	570.0	570.9	564.9	6.02	94.872	
100.0	100.0	101.3	101.3	3.0	3.0	93.20	-31.9	570.0	570.9	564.9	6.02	94.827	
190.0	190.0	192.0	192.0	3.1	3.0	93.07	-30.6	570.2	571.0	564.9	6.13	93.188	
200.0	200.0	201.9	201.9	3.1	3.0	93.05	-30.4	570.2	571.0	564.9	6.14	92.928	
285.0	285.0	287.7	287.7	3.3	3.0	92.88	-28.7	570.2	571.0	564.7	6.25	91.416	
300.0	300.0	302.5	302.5	3.3	3.0	92.85	-28.4	570.2	570.9	564.7	6.27	91.119	
380.0	380.0	385.0	385.0	3.4	3.0	92.74	-27.3	570.1	570.7	564.4	6.36	89.743	
400.0	400.0	405.9	405.9	3.4	3.0	92.72	-27.1	570.0	570.6	564.2	6.38	89.371	
475.0	475.0	486.9	486.9	3.5	3.0	92.69	-26.7	569.0	569.7	563.2	6.47	88.019	
500.0	500.0	514.1	514.0	3.5	3.0	92.68	-26.7	568.5	569.3	562.8	6.50	87.526	
570.0	570.0	595.8	595.7	3.6	3.1	92.68	-26.4	566.0	567.1	560.5	6.59	86.093	
600.0	600.0	628.1	627.9	3.6	3.1	92.68	-26.4	564.6	565.8	559.2	6.62	85.406	
665.0	665.0	693.8	693.6	3.7	3.1	92.69	-26.4	561.4	562.6	555.9	6.70	83.924	
700.0	700.0	727.1	726.8	3.8	3.1	92.70	-26.4	559.9	561.1	554.3	6.75	83.125	
760.0	760.0	781.7	781.5	3.8	3.1	92.71	-26.4	557.8	558.8	552.0	6.83	81.873	
800.0	800.0	819.9	819.6	3.9	3.1	92.72	-26.5	556.6	557.5	550.6	6.88	81.062	
855.0	855.0	875.7	875.3	4.0	3.1	92.73	-26.4	554.7	555.6	548.7	6.95	79.975	
900.0	900.0	921.9	921.5	4.0	3.1	92.74	-26.5	553.1	554.0	547.0	7.01	79.070	
950.0	950.0	970.8	970.4	4.1	3.2	92.79	-26.9	551.4	552.4	545.3	7.07	78.113	
1,000.0	1,000.0	1,019.9	1,019.4	4.1	3.2	93.01	-28.9	549.8	550.8	543.7	7.13	77.208	
1,045.0	1,045.0	1,065.7	1,065.2	4.2	3.2	93.27	-31.3	548.2	549.4	542.2	7.19	76.425	
1,100.0	1,100.0	1,121.7	1,121.0	4.2	3.2	93.59	-34.3	546.1	547.5	540.3	7.26	75.452	
1,140.0	1,140.0	1,160.6	1,159.8	4.3	3.2	93.83	-36.4	544.7	546.2	538.9	7.30	74.771	
1,200.0	1,200.0	1,221.2	1,220.3	4.4	3.2	94.19	-39.7	542.5	544.3	536.9	7.38	73.761	
1,235.0	1,235.0	1,255.1	1,254.2	4.4	3.2	94.39	-41.6	541.3	543.1	535.7	7.42	73.185	
1,300.0	1,300.0	1,310.9	1,309.8	4.5	3.2	94.80	-45.3	539.8	541.7	534.2	7.50	72.257	
1,330.0	1,330.0	1,340.4	1,339.3	4.5	3.2	95.03	-47.5	539.2	541.3	533.8	7.53	71.883	
1,400.0	1,400.0	1,410.3	1,408.9	4.6	3.3	95.59	-52.6	537.8	540.4	532.8	7.61	70.998	
1,425.0	1,425.0	1,435.8	1,434.3	4.6	3.3	95.80	-54.5	537.3	540.1	532.4	7.64	70.694	
1,500.0	1,500.0	1,512.6	1,510.9	4.7	3.3	96.41	-60.2	535.6	539.1	531.3	7.73	69.777	
1,520.0	1,520.0	1,533.2	1,531.5	4.7	3.3	2.04	-61.7	535.1	538.7	530.9	7.77	69.330	
1,600.0	1,600.0	1,615.4	1,613.4	4.8	3.3	2.68	-67.3	532.9	535.5	527.5	7.95	67.347	
1,615.0	1,615.0	1,630.5	1,628.5	4.8	3.3	2.80	-68.4	532.4	534.6	526.6	8.00	66.848	
1,700.0	1,699.8	1,716.0	1,713.8	5.0	3.4	3.45	-73.7	529.8	528.1	519.8	8.27	63.887	
1,710.0	1,709.8	1,726.1	1,723.8	5.0	3.4	3.53	-74.4	529.5	527.2	518.9	8.30	63.525	
1,800.0	1,799.5	1,800.0	1,797.6	5.2	3.4	4.13	-79.1	527.7	517.9	509.3	8.59	60.311	
1,805.0	1,804.4	1,805.2	1,802.7	5.2	3.4	4.18	-79.5	527.7	517.4	508.8	8.60	60.137	
1,900.0	1,898.7	1,892.8	1,890.1	5.5	3.4	4.92	-85.3	528.1	507.3	498.4	8.92	56.893	
1,995.0	1,992.5	1,980.7	1,977.9	5.8	3.5	5.69	-90.7	529.7	495.2	486.0	9.24	53.581	
2,000.0	1,997.5	1,985.6	1,982.8	5.9	3.5	5.73	-91.0	529.8	494.5	485.3	9.26	53.406	
2,090.0	2,085.8	2,074.2	2,071.2	6.2	3.5	6.54	-96.4	532.1	480.9	471.3	9.59	50.165	
2,100.0	2,095.6	2,084.1	2,081.1	6.2	3.5	6.64	-97.0	532.4	479.2	469.6	9.62	49.797	
2,185.0	2,178.8	2,164.2	2,161.0	6.5	3.5	7.43	-101.8	534.4	464.8	454.9	9.88	47.034	
2,200.0	2,193.4	2,177.7	2,174.4	6.5	3.6	7.56	-102.7	534.9	462.3	452.4	9.93	46.572	
2,280.0	2,271.7	2,247.0	2,243.5	6.7	3.6	8.27	-107.0	538.0	450.4	440.2	10.18	44.234	
2,300.0	2,291.3	2,265.2	2,261.7	6.8	3.6	8.45	-108.1	539.0	447.6	437.4	10.25	43.689	
2,375.0	2,364.6	2,334.4	2,330.6	7.1	3.6	9.16	-112.5	543.6	438.0	427.5	10.50	41.718	
2,400.0	2,389.1	2,360.0	2,356.1	7.1	3.6	9.43	-114.1	545.3	434.9	424.3	10.59	41.084	
2,470.0	2,457.5	2,431.5	2,427.3	7.4	3.6	10.18	-118.5	550.1	426.1	415.2	10.84	39.315	
2,500.0	2,486.9	2,462.6	2,458.2	7.5	3.7	10.50	-120.3	552.1	422.2	411.2	10.95	38.568	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,565.0	2,550.5	2,530.0	2,525.5	7.7	3.7	11.18	-123.7	556.0	413.4	402.2	11.19	36.944	
2,600.0	2,584.7	2,565.6	2,560.9	7.8	3.7	11.54	-125.4	557.9	408.5	397.1	11.32	36.083	
2,660.0	2,643.4	2,625.6	2,620.8	8.1	3.7	12.13	-127.9	561.1	399.9	388.4	11.55	34.625	
2,700.0	2,682.5	2,664.9	2,660.1	8.2	3.7	12.53	-129.6	563.1	394.3	382.6	11.71	33.684	
2,755.0	2,736.3	2,719.3	2,714.3	8.4	3.8	13.09	-131.8	566.0	386.5	374.6	11.92	32.417	
2,800.0	2,780.3	2,763.5	2,758.4	8.6	3.8	13.56	-133.6	568.4	380.2	368.1	12.10	31.417	
2,850.0	2,829.2	2,812.9	2,807.7	8.8	3.8	14.08	-135.5	571.1	373.3	361.0	12.30	30.336	
2,900.0	2,878.1	2,862.9	2,857.6	9.0	3.8	14.61	-137.3	573.8	366.3	353.8	12.51	29.288	
2,945.0	2,922.2	2,906.8	2,901.5	9.2	3.8	15.09	-138.8	576.2	360.0	347.3	12.69	28.365	
3,000.0	2,976.0	2,961.2	2,955.7	9.4	3.9	15.70	-140.7	579.2	352.4	339.5	12.92	27.279	
3,040.0	3,015.1	3,000.7	2,995.1	9.5	3.9	16.15	-142.0	581.4	347.0	333.9	13.09	26.513	
3,100.0	3,073.8	3,059.7	3,054.0	9.8	3.9	16.87	-144.1	584.7	338.8	325.5	13.34	25.404	
3,135.0	3,108.0	3,096.3	3,090.5	9.9	4.0	17.45	-146.0	586.4	334.0	320.5	13.48	24.780	
3,200.0	3,171.6	3,160.5	3,154.5	10.2	4.0	18.65	-150.0	588.9	325.0	311.2	13.74	23.647	
3,230.0	3,200.9	3,189.6	3,183.5	10.3	4.0	19.23	-151.8	590.0	320.8	307.0	13.86	23.142	
3,300.0	3,269.4	3,259.3	3,253.0	10.6	4.1	20.67	-156.2	592.6	311.3	297.2	14.14	22.016	
3,325.0	3,293.9	3,283.7	3,277.4	10.7	4.1	21.19	-157.7	593.6	307.9	293.7	14.24	21.627	
3,400.0	3,367.2	3,358.2	3,351.6	11.0	4.1	22.86	-162.4	596.3	298.0	283.4	14.53	20.512	
3,420.0	3,386.8	3,378.3	3,371.8	11.1	4.2	23.34	-163.6	597.0	295.3	280.7	14.60	20.225	
3,500.0	3,465.0	3,457.7	3,450.9	11.4	4.2	25.26	-168.4	599.7	284.7	269.8	14.89	19.116	
3,515.0	3,479.7	3,473.0	3,466.2	11.5	4.2	25.64	-169.2	600.2	282.7	267.8	14.95	18.916	
3,600.0	3,562.8	3,557.5	3,550.6	11.9	4.3	27.84	-173.9	602.8	271.5	256.3	15.24	17.819	
3,610.0	3,572.6	3,567.1	3,560.1	11.9	4.3	28.10	-174.4	603.1	270.2	254.9	15.27	17.693	
3,700.0	3,660.7	3,656.2	3,649.1	12.3	4.4	30.58	-179.0	605.9	258.7	243.1	15.56	16.627	
3,705.0	3,665.6	3,661.2	3,654.0	12.3	4.4	30.73	-179.3	606.1	258.1	242.5	15.57	16.570	
3,800.0	3,758.5	3,754.3	3,747.0	12.7	4.5	33.58	-184.0	608.8	246.4	230.5	15.84	15.550	
3,895.0	3,851.4	3,847.7	3,840.2	13.2	4.5	36.70	-188.7	611.7	235.4	219.3	16.07	14.645	
3,900.0	3,856.3	3,852.5	3,845.1	13.2	4.6	36.86	-189.0	611.8	234.8	218.7	16.08	14.601	
3,990.0	3,944.3	3,941.6	3,934.0	13.6	4.6	40.06	-193.3	614.7	225.2	208.9	16.25	13.857	
4,000.0	3,954.1	3,951.5	3,943.9	13.6	4.6	40.43	-193.8	615.1	224.2	207.9	16.27	13.780	
4,085.0	4,037.2	4,034.9	4,027.1	14.0	4.7	43.70	-197.9	617.7	215.8	199.4	16.37	13.178	
4,100.0	4,051.9	4,049.9	4,042.0	14.1	4.7	44.31	-198.6	618.2	214.4	198.0	16.39	13.082	
4,180.0	4,130.2	4,127.3	4,119.3	14.4	4.8	47.60	-202.4	620.7	207.4	191.0	16.44	12.620	
4,200.0	4,149.7	4,146.9	4,139.0	14.5	4.8	48.50	-203.5	621.4	205.9	189.4	16.44	12.526	
4,275.0	4,223.1	4,220.4	4,212.3	14.8	4.9	51.94	-207.6	623.7	200.6	184.2	16.41	12.225	
4,300.0	4,247.6	4,244.9	4,236.7	15.0	4.9	53.13	-209.0	624.5	199.1	182.7	16.39	12.144	
4,370.0	4,316.0	4,314.1	4,305.8	15.3	5.0	56.58	-212.9	626.8	195.2	178.9	16.32	11.963	
4,400.0	4,345.4	4,343.6	4,335.2	15.4	5.0	58.08	-214.5	627.7	193.7	177.4	16.27	11.904	
4,465.0	4,408.9	4,407.4	4,398.8	15.7	5.1	61.40	-218.1	629.8	191.1	174.9	16.17	11.820	
4,500.0	4,443.2	4,441.8	4,433.1	15.9	5.1	63.22	-220.1	631.0	190.0	173.9	16.10	11.799	
4,560.0	4,501.9	4,500.7	4,491.9	16.1	5.2	66.37	-223.4	633.0	188.5	172.5	15.99	11.794	
4,600.0	4,541.0	4,539.8	4,531.0	16.3	5.2	68.48	-225.7	634.4	187.9	172.0	15.91	11.814	
4,640.8	4,580.9	4,579.2	4,570.3	16.5	5.2	70.68	-228.1	635.6	187.7	171.9	15.83	11.858	CC, ES
4,655.0	4,594.8	4,592.4	4,583.5	16.6	5.2	71.47	-229.0	635.8	187.7	171.9	15.80	11.883	
4,700.0	4,638.8	4,635.8	4,626.7	16.8	5.3	74.26	-232.3	636.0	188.4	172.7	15.69	12.006	
4,750.0	4,687.7	4,684.3	4,675.1	17.0	5.3	77.43	-236.1	635.9	189.8	174.2	15.59	12.170	
4,800.0	4,736.6	4,732.9	4,723.5	17.2	5.4	80.56	-240.0	635.8	191.8	176.3	15.53	12.348	
4,845.0	4,780.6	4,776.9	4,767.4	17.4	5.4	83.33	-243.5	635.7	194.2	178.6	15.52	12.511	
4,900.0	4,834.4	4,830.3	4,820.6	17.7	5.5	86.59	-247.9	635.7	197.7	182.1	15.56	12.705	
4,940.0	4,873.6	4,869.7	4,859.9	17.8	5.5	88.93	-251.0	635.6	200.7	185.0	15.63	12.838	
5,000.0	4,932.3	4,935.2	4,925.2	18.1	5.6	92.76	-255.6	635.2	205.1	189.3	15.82	12.963	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,035.0	4,966.5	4,972.7	4,962.7	18.3	5.6	95.05	-256.8	634.6	206.9	190.9	15.98	12.945	
5,100.0	5,030.1	5,035.8	5,025.7	18.6	5.7	98.86	-258.5	633.4	210.6	194.2	16.32	12.901	
5,130.0	5,059.4	5,065.1	5,055.0	18.7	5.7	100.57	-259.3	632.8	212.6	196.1	16.51	12.878	
5,200.0	5,127.9	5,133.2	5,123.1	19.0	5.8	104.43	-261.2	631.6	218.1	201.1	17.01	12.824	
5,225.0	5,152.3	5,157.5	5,147.3	19.2	5.8	105.74	-261.9	631.2	220.3	203.1	17.20	12.808	
5,300.0	5,225.7	5,230.9	5,220.7	19.5	5.9	109.58	-263.9	629.9	227.6	209.8	17.84	12.762	
5,320.0	5,245.3	5,250.3	5,240.1	19.6	5.9	110.56	-264.5	629.5	229.7	211.7	18.01	12.754	
5,400.0	5,323.5	5,328.5	5,318.3	20.0	6.0	114.27	-266.7	628.3	238.8	220.1	18.74	12.743	
5,415.0	5,338.2	5,342.9	5,332.7	20.0	6.0	114.92	-267.1	628.1	240.6	221.7	18.88	12.747	
5,500.0	5,421.3	5,425.8	5,415.6	20.4	6.1	118.49	-269.5	626.8	251.5	231.9	19.67	12.790	
5,510.0	5,431.1	5,435.4	5,425.2	20.5	6.1	118.88	-269.8	626.7	252.9	233.1	19.76	12.798	
5,600.0	5,519.1	5,523.0	5,512.6	20.9	6.2	122.28	-272.4	625.4	265.5	245.0	20.59	12.897	
5,605.0	5,524.0	5,527.9	5,517.6	20.9	6.2	122.47	-272.5	625.3	266.3	245.6	20.64	12.903	
5,700.0	5,617.0	5,620.5	5,610.1	21.3	6.3	125.70	-275.2	623.9	280.6	259.1	21.50	13.052	
5,795.0	5,709.9	5,713.1	5,702.7	21.8	6.3	128.64	-278.0	622.5	295.8	273.4	22.33	13.243	
5,800.0	5,714.8	5,718.0	5,707.5	21.8	6.4	128.78	-278.1	622.4	296.6	274.2	22.38	13.254	
5,890.0	5,802.8	5,813.4	5,803.0	22.2	6.4	131.65	-279.6	621.1	310.7	287.4	23.26	13.359	
5,900.0	5,812.6	5,823.4	5,813.0	22.3	6.4	131.95	-279.6	621.1	312.1	288.8	23.35	13.369	
5,985.0	5,895.7	5,906.6	5,896.1	22.7	6.5	134.36	-279.5	620.3	324.9	300.8	24.08	13.490	
6,000.0	5,910.4	5,921.0	5,910.5	22.7	6.5	134.75	-279.5	620.1	327.2	303.0	24.21	13.516	
6,080.0	5,988.7	5,998.9	5,988.4	23.1	6.5	136.81	-279.4	619.3	339.8	315.0	24.88	13.661	
6,100.0	6,008.2	6,017.9	6,007.4	23.2	6.5	137.29	-279.4	619.1	343.1	318.0	25.04	13.703	
6,175.0	6,081.6	6,090.6	6,080.1	23.5	6.6	139.04	-279.5	618.3	355.6	329.9	25.64	13.866	
6,200.0	6,106.0	6,115.4	6,104.9	23.7	6.6	139.60	-279.5	618.0	359.8	333.9	25.85	13.920	
6,270.0	6,174.5	6,182.0	6,171.5	24.0	6.6	141.04	-279.8	617.3	371.9	345.5	26.38	14.097	
6,300.0	6,203.9	6,210.5	6,200.0	24.1	6.6	141.61	-280.1	617.0	377.2	350.6	26.60	14.181	
6,365.0	6,267.4	6,273.2	6,262.7	24.4	6.7	142.79	-280.8	616.2	389.1	362.0	27.08	14.369	
6,396.7	6,298.4	6,303.5	6,293.0	24.6	6.7	143.32	-281.3	615.8	395.0	367.7	27.31	14.466	
6,400.0	6,301.7	6,306.7	6,296.2	24.6	6.7	143.39	-281.4	615.8	395.6	368.3	27.33	14.477	
6,460.0	6,360.5	6,363.6	6,353.0	24.9	6.8	144.39	-282.5	615.0	406.5	378.8	27.73	14.659	
6,500.0	6,399.8	6,402.3	6,391.8	25.1	6.8	144.99	-283.3	614.3	413.4	385.4	28.00	14.764	
6,555.0	6,454.1	6,455.8	6,445.2	25.3	6.9	145.70	-284.5	613.4	422.2	393.9	28.34	14.896	
6,600.0	6,498.6	6,499.8	6,489.3	25.5	6.9	146.19	-285.5	612.6	428.9	400.3	28.62	14.987	
6,650.0	6,548.2	6,548.4	6,537.8	25.7	7.0	146.67	-286.6	611.6	435.7	406.8	28.90	15.079	
6,700.0	6,597.9	6,596.7	6,586.1	26.0	7.0	147.07	-287.7	610.6	441.9	412.8	29.16	15.154	
6,745.0	6,642.7	6,641.9	6,631.2	26.1	7.1	147.38	-288.7	609.5	447.0	417.6	29.40	15.203	
6,800.0	6,697.5	6,696.6	6,685.9	26.4	7.1	147.67	-289.9	608.2	452.3	422.6	29.67	15.241	
6,840.0	6,737.4	6,736.1	6,725.4	26.5	7.2	147.83	-290.8	607.3	455.6	425.8	29.85	15.264	
6,900.0	6,797.4	6,805.7	6,795.0	26.7	7.2	148.05	-291.6	606.0	459.1	428.9	30.21	15.197	
6,935.0	6,832.4	6,841.0	6,830.3	26.8	7.3	148.16	-291.5	605.6	460.3	430.0	30.31	15.185	
6,996.6	6,894.0	6,900.0	6,889.3	26.9	7.3	-117.19	-291.4	604.8	461.6	431.1	30.45	15.159	
7,000.0	6,897.4	6,903.4	6,892.7	26.9	7.3	-117.19	-291.4	604.7	461.6	431.2	30.45	15.158	
7,030.0	6,927.4	6,933.2	6,922.5	26.9	7.3	-117.17	-291.5	604.3	462.1	431.6	30.49	15.154	
7,100.0	6,997.4	7,001.8	6,991.1	26.9	7.4	-117.17	-292.0	603.2	463.3	432.7	30.57	15.155	
7,125.0	7,022.4	7,027.6	7,016.9	26.9	7.4	-117.17	-292.2	602.8	463.7	433.1	30.61	15.149	
7,200.0	7,097.4	7,120.4	7,109.7	26.9	7.4	-117.13	-292.2	602.0	464.5	433.6	30.86	15.048	
7,220.0	7,117.4	7,143.1	7,132.4	26.9	7.4	-117.08	-291.7	602.4	463.9	433.0	30.90	15.013	
7,300.0	7,197.4	7,222.3	7,211.5	26.9	7.4	-116.92	-289.4	603.8	461.6	430.7	30.95	14.913	
7,315.0	7,212.4	7,236.8	7,226.0	27.0	7.4	-116.89	-289.1	604.0	461.3	430.3	30.96	14.898	
7,400.0	7,297.4	7,318.6	7,307.7	27.0	7.4	-116.77	-287.4	605.2	459.4	428.4	30.99	14.825	
7,410.0	7,307.4	7,328.2	7,317.4	27.0	7.4	-116.76	-287.2	605.3	459.2	428.2	30.99	14.818	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,500.0	7,397.4	7,417.3	7,406.5	27.0	7.4	-116.70	-286.2	606.4	457.8	426.8	31.03	14.753	
7,505.0	7,402.4	7,422.4	7,411.6	27.0	7.4	-116.69	-286.1	606.4	457.7	426.7	31.03	14.749	
7,561.5	7,458.9	7,472.3	7,461.4	27.0	7.4	-116.66	-285.7	606.7	457.2	426.2	31.01	14.744	
7,600.0	7,497.4	7,506.9	7,496.1	27.0	7.4	-116.64	-285.6	606.5	457.4	426.4	31.01	14.747	
7,695.0	7,592.4	7,604.7	7,593.8	27.1	7.5	-116.56	-285.4	605.5	458.2	427.0	31.16	14.702	
7,700.0	7,597.4	7,610.0	7,599.2	27.1	7.5	-116.55	-285.3	605.4	458.2	427.0	31.17	14.698	
7,770.2	7,667.6	7,680.7	7,669.9	27.1	7.5	-116.44	-284.5	605.1	458.2	426.9	31.26	14.659	
7,790.0	7,687.4	7,700.0	7,689.1	27.1	7.5	-116.41	-284.3	605.0	458.2	426.9	31.27	14.652	
7,800.0	7,697.4	7,709.1	7,698.3	27.1	7.5	-116.41	-284.3	604.9	458.2	426.9	31.28	14.650	
7,885.0	7,782.4	7,790.4	7,779.5	27.1	7.6	-116.46	-285.0	604.5	458.9	427.6	31.33	14.646	
7,900.0	7,797.4	7,804.9	7,794.0	27.1	7.6	-116.48	-285.2	604.4	459.1	427.7	31.34	14.647	
7,980.0	7,877.4	7,882.2	7,871.3	27.1	7.7	-116.57	-286.4	603.6	460.3	428.9	31.40	14.659	
8,000.0	7,897.4	7,901.9	7,891.0	27.1	7.7	-116.58	-286.6	603.4	460.7	429.3	31.42	14.661	
8,075.0	7,972.4	7,975.4	7,964.5	27.2	7.7	-116.64	-287.7	602.2	462.3	430.8	31.50	14.676	
8,100.0	7,997.4	8,000.0	7,989.1	27.2	7.8	-116.66	-288.1	601.8	462.8	431.3	31.52	14.682	
8,170.0	8,067.4	8,081.9	8,071.0	27.2	7.8	-116.60	-288.2	600.6	463.8	432.1	31.73	14.618	
8,200.0	8,097.4	8,113.3	8,102.3	27.2	7.8	-116.50	-287.4	600.4	463.7	431.9	31.78	14.590	
8,265.0	8,162.4	8,177.1	8,166.1	27.2	7.8	-116.28	-285.6	599.8	463.4	431.5	31.85	14.547	
8,280.1	8,177.4	8,190.7	8,179.7	27.2	7.8	-116.23	-285.3	599.7	463.3	431.5	31.86	14.543	
8,300.0	8,197.4	8,208.9	8,197.9	27.2	7.8	-116.16	-284.8	599.4	463.4	431.5	31.87	14.540	
8,360.0	8,257.4	8,265.3	8,254.3	27.2	7.8	-115.96	-283.6	598.3	463.9	432.0	31.92	14.531	
8,400.0	8,297.4	8,304.0	8,292.9	27.3	7.9	-115.84	-282.9	597.4	464.4	432.4	31.97	14.525	
8,455.0	8,352.4	8,356.9	8,345.8	27.3	7.9	-115.73	-282.5	596.2	465.3	433.2	32.03	14.524	
8,500.0	8,397.4	8,400.0	8,389.0	27.3	7.9	-115.71	-282.7	595.3	466.2	434.1	32.08	14.533	
8,550.0	8,447.4	8,445.1	8,434.1	27.3	8.0	-115.71	-283.2	594.2	467.6	435.5	32.10	14.567	
8,600.0	8,497.4	8,493.4	8,482.3	27.3	8.0	-115.73	-284.2	592.7	469.4	437.3	32.15	14.600	
8,645.0	8,542.4	8,546.6	8,535.5	27.3	8.1	-115.73	-284.9	591.2	470.8	438.5	32.29	14.583	
8,700.0	8,597.4	8,608.0	8,596.9	27.3	8.1	-115.59	-284.1	590.2	471.4	438.9	32.42	14.537	
8,740.0	8,637.4	8,647.8	8,636.7	27.4	8.1	-115.48	-283.4	589.5	471.6	439.1	32.48	14.521	
8,800.0	8,697.4	8,705.5	8,694.3	27.4	8.1	-115.34	-282.5	588.6	472.1	439.6	32.54	14.508	
8,835.0	8,732.4	8,739.9	8,728.7	27.4	8.1	-115.26	-282.2	588.0	472.5	440.0	32.58	14.502	
8,900.0	8,797.4	8,803.2	8,792.0	27.4	8.2	-115.16	-281.8	586.8	473.4	440.8	32.64	14.504	
8,930.0	8,827.4	8,832.1	8,820.9	27.4	8.2	-115.12	-281.7	586.3	474.0	441.3	32.66	14.511	
9,000.0	8,897.4	8,900.5	8,889.3	27.4	8.2	-115.05	-281.8	584.7	475.4	442.7	32.70	14.537	
9,025.0	8,922.4	8,947.6	8,936.4	27.4	8.2	-114.92	-280.8	584.2	475.5	442.6	32.93	14.440	
9,100.0	8,997.4	9,103.0	9,087.2	27.5	8.3	-111.67	-247.7	594.4	461.3	427.0	34.28	13.455	
9,120.0	9,017.4	9,118.6	9,102.0	27.5	8.3	-111.14	-242.9	595.5	457.6	423.3	34.31	13.339	
9,200.0	9,097.4	9,230.8	9,203.4	27.5	8.4	-105.53	-195.8	600.3	443.0	407.7	35.33	12.537	
9,215.0	9,112.4	9,253.2	9,221.8	27.5	8.4	-103.95	-183.2	601.8	439.4	403.8	35.56	12.355	
9,300.0	9,197.4	9,335.2	9,286.4	27.5	8.5	-97.37	-133.2	608.2	419.6	383.7	35.89	11.688	
9,310.0	9,207.4	9,341.5	9,291.2	27.5	8.5	-96.81	-129.1	608.7	417.5	381.7	35.86	11.642	
9,400.0	9,297.4	9,396.4	9,331.7	27.6	8.6	-91.65	-92.2	611.8	404.9	369.5	35.47	11.417	
9,405.0	9,302.4	9,399.1	9,333.6	27.6	8.6	-91.38	-90.2	611.9	404.6	369.1	35.44	11.416	
9,448.7	9,346.0	9,421.0	9,348.3	27.6	8.6	-89.09	-74.1	612.4	403.0	367.8	35.16	11.461	
9,500.0	9,397.4	9,450.4	9,366.8	27.6	8.7	-85.85	-51.3	612.6	405.1	370.2	34.89	11.610	
9,595.0	9,492.4	9,502.0	9,396.7	27.6	8.8	-79.94	-9.2	613.1	420.0	385.6	34.47	12.185	
9,600.0	9,497.4	9,504.5	9,398.1	27.6	8.8	-79.65	-7.1	613.2	421.2	386.8	34.45	12.226	
9,690.0	9,587.4	9,546.5	9,420.3	27.7	8.8	-74.79	28.6	613.9	449.1	415.0	34.17	13.142	
9,700.0	9,597.4	9,550.7	9,422.4	27.7	8.8	-74.31	32.3	614.0	453.0	418.8	34.15	13.264	
9,785.0	9,682.4	9,582.7	9,437.5	27.7	8.9	-70.60	60.4	615.0	491.1	457.1	34.00	14.443	
9,800.0	9,697.4	9,587.8	9,439.7	27.7	8.9	-70.02	64.9	615.2	498.8	464.8	33.99	14.675	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
9,854.7	9,752.0	9,605.1	9,447.2	27.7	8.9	-68.04	80.5	615.8	529.0	495.0	33.95	15.579	
9,880.0	9,777.4	9,619.0	9,453.0	27.7	9.0	-64.71	93.2	616.4	543.9	510.1	33.75	16.114	
9,900.0	9,797.3	9,619.0	9,453.0	27.7	9.0	-63.39	93.2	616.4	555.7	522.0	33.67	16.502	
9,950.0	9,846.9	9,637.8	9,460.5	27.7	9.0	-58.29	110.4	617.2	585.7	552.0	33.72	17.373	
9,975.0	9,871.5	9,647.5	9,464.2	27.7	9.0	-55.85	119.4	617.7	600.8	567.0	33.76	17.797	
10,000.0	9,895.8	9,657.7	9,468.0	27.7	9.0	-53.49	128.8	618.1	615.8	582.0	33.81	18.212	
10,050.0	9,943.6	9,680.7	9,476.3	27.7	9.1	-48.97	150.3	619.2	645.4	611.4	33.94	19.012	
10,070.0	9,962.3	9,691.1	9,480.0	27.7	9.1	-47.26	159.9	619.6	656.9	622.9	34.00	19.319	
10,100.0	9,989.9	9,707.1	9,485.6	27.7	9.1	-44.85	174.9	620.3	673.9	639.8	34.10	19.760	
10,150.0	10,034.5	9,730.9	9,493.6	27.7	9.1	-41.45	197.3	621.2	701.1	666.8	34.32	20.427	
10,165.0	10,047.4	9,737.8	9,495.9	27.7	9.1	-40.54	203.9	621.4	709.0	674.6	34.40	20.613	
10,200.0	10,076.8	9,760.0	9,502.7	27.7	9.2	-38.35	224.9	622.3	726.9	692.4	34.54	21.045	
10,250.0	10,116.7	9,776.5	9,507.4	27.8	9.2	-36.12	240.7	622.9	751.0	716.2	34.85	21.550	
10,260.0	10,124.4	9,780.9	9,508.6	27.8	9.2	-35.68	244.9	623.1	755.6	720.7	34.91	21.647	
10,300.0	10,153.9	9,807.0	9,515.0	27.8	9.3	-33.79	270.2	624.3	773.5	738.4	35.10	22.036	
10,350.0	10,187.9	9,823.9	9,518.7	27.8	9.3	-32.16	286.7	625.2	794.0	758.5	35.42	22.413	
10,355.0	10,191.2	9,826.6	9,519.3	27.8	9.3	-31.98	289.4	625.3	795.9	760.5	35.45	22.450	
10,400.0	10,218.7	9,856.0	9,524.9	27.8	9.4	-30.44	318.1	627.0	812.3	776.6	35.69	22.759	
10,450.0	10,245.9	9,876.4	9,528.3	27.8	9.4	-29.22	338.2	628.3	828.3	792.3	35.99	23.012	
10,500.0	10,269.3	9,903.0	9,531.8	27.9	9.5	-28.10	364.5	630.3	842.1	805.8	36.27	23.213	
10,545.0	10,287.1	9,921.1	9,533.6	27.9	9.5	-27.33	382.4	631.7	852.5	816.0	36.53	23.338	
10,550.0	10,288.8	9,923.3	9,533.8	27.9	9.5	-27.26	384.6	631.9	853.5	817.0	36.56	23.349	
10,600.0	10,304.2	9,950.0	9,535.3	27.9	9.6	-26.49	411.2	634.1	862.8	826.0	36.82	23.437	
10,640.0	10,313.6	9,969.5	9,536.0	28.0	9.7	-26.03	430.6	635.7	868.5	831.5	37.02	23.462	
10,650.0	10,315.5	9,976.0	9,536.2	28.0	9.7	-25.92	437.1	636.2	869.6	832.5	37.07	23.461	
10,700.0	10,322.4	10,009.0	9,536.7	28.0	9.8	-25.48	470.1	638.7	873.5	836.2	37.31	23.414	
10,735.0	10,324.7	10,045.0	9,536.5	28.1	9.9	-25.23	505.9	641.2	874.6	837.1	37.49	23.329	
10,752.7	10,325.0	10,045.0	9,536.5	28.1	9.9	-25.24	505.9	641.2	874.4	836.8	37.56	23.281	
10,800.0	10,325.2	10,081.1	9,535.9	28.1	10.1	-25.08	541.9	643.4	874.0	836.2	37.75	23.153	
10,810.7	10,325.2	10,089.5	9,535.7	28.2	10.2	-25.04	550.4	643.9	874.0	836.2	37.79	23.124	
10,830.0	10,325.3	10,104.7	9,535.3	28.2	10.2	-24.97	565.5	644.8	874.0	836.1	37.88	23.075	
10,900.0	10,325.5	10,162.6	9,533.1	28.3	10.5	-24.71	623.3	648.0	874.9	836.7	38.19	22.910	
10,925.0	10,325.6	10,185.0	9,532.0	28.3	10.7	-24.60	645.6	649.4	875.4	837.1	38.32	22.848	
11,000.0	10,325.8	10,250.6	9,528.3	28.5	11.0	-24.23	711.0	653.7	877.4	838.7	38.69	22.676	
11,020.0	10,325.9	10,266.9	9,527.3	28.5	11.1	-24.14	727.3	654.6	878.1	839.3	38.80	22.633	
11,100.0	10,326.2	10,330.0	9,523.4	28.6	11.5	-23.89	790.1	656.8	881.7	842.5	39.20	22.493	
11,115.0	10,326.2	10,346.6	9,522.4	28.7	11.6	-23.85	806.7	657.0	882.5	843.2	39.30	22.456	
11,200.0	10,326.5	10,426.5	9,518.2	28.8	12.2	-23.81	886.5	655.5	887.4	847.6	39.80	22.296	
11,210.0	10,326.6	10,438.1	9,517.7	28.9	12.2	-23.83	898.1	655.0	888.0	848.1	39.87	22.271	
11,300.0	10,326.9	10,555.9	9,516.1	29.1	13.1	-24.30	1,015.5	645.7	892.4	851.8	40.56	22.000	
11,305.0	10,326.9	10,565.3	9,516.2	29.1	13.1	-24.35	1,024.8	644.9	892.5	851.9	40.61	21.976	
11,400.0	10,327.2	10,716.4	9,522.8	29.3	14.2	-25.04	1,175.4	635.6	891.3	849.8	41.45	21.502	
11,495.0	10,327.5	10,792.0	9,527.0	29.5	14.7	-25.37	1,250.8	631.5	888.7	846.6	42.14	21.091	
11,500.0	10,327.6	10,802.0	9,527.5	29.6	14.8	-25.41	1,260.8	631.0	888.7	846.5	42.19	21.063	
11,590.0	10,327.9	10,885.0	9,531.7	29.8	15.4	-25.82	1,343.5	625.7	887.2	844.3	42.90	20.679	
11,600.0	10,327.9	10,895.0	9,532.2	29.8	15.5	-25.87	1,353.5	625.0	887.1	844.1	42.99	20.636	
11,685.0	10,328.2	10,970.2	9,535.5	30.1	16.1	-26.22	1,428.5	620.3	886.2	842.5	43.68	20.288	
11,700.0	10,328.2	10,983.5	9,535.9	30.1	16.2	-26.27	1,441.7	619.7	886.2	842.4	43.80	20.230	
11,709.6	10,328.3	10,991.0	9,536.1	30.2	16.2	-26.29	1,449.2	619.4	886.1	842.3	43.88	20.194	
11,780.0	10,328.5	11,043.9	9,536.6	30.4	16.6	-26.40	1,502.1	617.5	886.8	842.4	44.44	19.956	
11,800.0	10,328.6	11,058.7	9,536.5	30.4	16.7	-26.42	1,516.8	617.1	887.3	842.7	44.59	19.897	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
11,875.0	10,328.8	11,120.2	9,534.9	30.7	17.2	-26.43	1,578.3	615.7	889.9	844.6	45.22	19.678	
11,900.0	10,328.9	11,142.6	9,534.1	30.8	17.4	-26.44	1,600.8	615.2	890.9	845.5	45.44	19.606	
11,970.0	10,329.2	11,202.0	9,531.8	31.0	17.8	-26.44	1,660.0	613.8	894.3	848.3	46.05	19.420	
12,000.0	10,329.3	11,225.0	9,530.6	31.1	18.0	-26.43	1,683.1	613.2	896.1	849.8	46.30	19.355	
12,065.0	10,329.5	11,276.0	9,527.3	31.3	18.4	-26.40	1,733.9	611.9	900.7	853.9	46.84	19.228	
12,100.0	10,329.6	11,317.2	9,524.3	31.5	18.7	-26.36	1,775.0	611.0	903.4	856.1	47.24	19.124	
12,160.0	10,329.8	11,403.6	9,519.2	31.7	19.4	-26.26	1,861.3	609.9	907.1	859.1	48.03	18.887	
12,200.0	10,330.0	11,483.6	9,517.1	31.8	20.1	-26.12	1,941.2	610.9	907.9	859.2	48.66	18.659	
12,201.0	10,330.0	11,485.6	9,517.1	31.8	20.1	-26.12	1,943.2	611.0	907.9	859.2	48.67	18.653	
12,255.0	10,330.1	11,537.0	9,516.1	32.0	20.5	-25.99	1,994.6	612.7	908.1	858.9	49.24	18.442	
12,300.0	10,330.3	11,593.5	9,515.4	32.2	20.9	-25.82	2,051.0	615.0	907.9	858.2	49.78	18.239	
12,350.0	10,330.5	11,663.6	9,517.1	32.4	21.5	-25.81	2,121.0	615.7	906.8	856.4	50.40	17.990	
12,400.0	10,330.6	11,695.9	9,518.0	32.6	21.7	-25.83	2,153.3	615.7	905.6	854.7	50.89	17.797	
12,445.0	10,330.8	11,727.9	9,518.4	32.8	22.0	-25.84	2,185.3	615.6	905.3	853.9	51.33	17.637	
12,447.4	10,330.8	11,729.6	9,518.4	32.8	22.0	-25.84	2,187.1	615.6	905.3	853.9	51.35	17.629	
12,500.0	10,331.0	11,793.1	9,518.5	33.0	22.5	-25.84	2,250.5	615.4	905.4	853.4	51.99	17.414	
12,540.0	10,331.1	11,860.0	9,521.5	33.2	23.1	-25.98	2,317.4	614.1	904.1	851.6	52.56	17.204	
12,600.0	10,331.3	11,921.5	9,525.3	33.4	23.6	-26.16	2,378.7	612.6	901.6	848.3	53.25	16.931	
12,635.0	10,331.4	11,943.0	9,526.6	33.6	23.7	-26.22	2,400.2	612.1	900.2	846.6	53.61	16.792	
12,700.0	10,331.7	11,987.8	9,528.4	33.8	24.1	-26.32	2,444.9	611.1	898.7	844.4	54.27	16.558	
12,712.4	10,331.7	11,994.8	9,528.6	33.9	24.2	-26.33	2,452.0	611.0	898.7	844.3	54.39	16.522	
12,730.0	10,331.8	12,004.9	9,528.7	34.0	24.2	-26.34	2,462.0	610.7	898.7	844.2	54.56	16.473	
12,800.0	10,332.0	12,045.9	9,528.1	34.3	24.6	-26.37	2,503.0	609.7	900.5	845.3	55.20	16.313	
12,825.0	10,332.1	12,063.3	9,527.5	34.4	24.7	-26.38	2,520.4	609.2	901.6	846.2	55.44	16.262	
12,900.0	10,332.3	12,237.2	9,535.4	34.7	26.1	-26.86	2,693.9	604.2	897.7	840.9	56.86	15.789	
12,920.0	10,332.4	12,257.8	9,537.3	34.8	26.3	-26.96	2,714.3	603.3	896.5	839.4	57.10	15.699	
13,000.0	10,332.7	12,317.6	9,541.7	35.2	26.8	-27.18	2,774.0	601.5	892.5	834.5	58.02	15.382	
13,015.0	10,332.7	12,328.9	9,542.3	35.3	26.9	-27.21	2,785.3	601.2	892.0	833.8	58.19	15.327	
13,100.0	10,333.0	12,398.5	9,544.4	35.7	27.4	-27.25	2,854.9	601.2	889.9	830.7	59.18	15.036	
13,110.0	10,333.1	12,407.2	9,544.5	35.7	27.5	-27.24	2,863.5	601.5	889.7	830.4	59.30	15.003	
13,200.0	10,333.4	12,485.9	9,543.3	36.2	28.2	-26.94	2,942.1	605.7	888.9	828.5	60.37	14.724	
13,205.0	10,333.4	12,490.3	9,543.2	36.2	28.2	-26.92	2,946.5	606.0	888.9	828.5	60.43	14.709	
13,221.8	10,333.4	12,505.2	9,542.7	36.3	28.3	-26.85	2,961.4	606.9	888.9	828.2	60.63	14.660	
13,300.0	10,333.7	12,575.3	9,540.3	36.7	28.9	-26.51	3,031.2	611.4	889.2	827.7	61.58	14.442	
13,395.0	10,334.0	12,663.5	9,535.5	37.1	29.6	-25.94	3,119.0	618.5	890.6	827.9	62.75	14.194	
13,400.0	10,334.1	12,668.6	9,535.3	37.2	29.7	-25.91	3,124.1	618.9	890.7	827.9	62.81	14.181	
13,490.0	10,334.4	12,773.3	9,531.1	37.6	30.5	-25.44	3,228.6	624.6	892.0	828.0	64.07	13.924	
13,500.0	10,334.4	12,788.6	9,530.9	37.7	30.7	-25.39	3,243.9	625.3	892.0	827.8	64.23	13.889	
13,585.0	10,334.7	12,879.8	9,530.5	38.1	31.4	-25.12	3,334.9	629.5	890.8	825.4	65.37	13.627	
13,600.0	10,334.7	12,892.9	9,530.5	38.2	31.5	-25.08	3,348.0	630.1	890.6	825.0	65.55	13.586	
13,680.0	10,335.0	12,965.7	9,529.5	38.6	32.1	-24.85	3,420.7	633.2	890.2	823.7	66.57	13.373	
13,696.5	10,335.1	12,981.1	9,529.3	38.7	32.3	-24.80	3,436.1	633.9	890.2	823.4	66.78	13.331	
13,700.0	10,335.1	12,984.4	9,529.2	38.7	32.3	-24.79	3,439.4	634.0	890.2	823.4	66.82	13.322	
13,775.0	10,335.3	13,068.8	9,527.8	39.1	33.0	-24.50	3,523.7	638.0	890.1	822.2	67.87	13.115	
13,800.0	10,335.4	13,100.8	9,527.5	39.2	33.3	-24.38	3,555.7	639.9	889.8	821.5	68.24	13.040	
13,870.0	10,335.7	13,194.7	9,528.9	39.6	34.0	-24.13	3,649.4	644.4	887.6	818.3	69.26	12.815	
13,900.0	10,335.8	13,227.2	9,530.3	39.8	34.3	-24.12	3,681.9	645.1	886.2	816.5	69.67	12.719	
13,965.0	10,336.0	13,290.9	9,533.3	40.1	34.8	-24.12	3,745.5	646.2	883.1	812.6	70.55	12.518	
14,000.0	10,336.1	13,327.8	9,535.0	40.3	35.1	-24.13	3,782.3	646.6	881.5	810.4	71.03	12.411	
14,060.0	10,336.3	13,392.7	9,538.6	40.7	35.7	-24.17	3,847.2	647.2	878.4	806.5	71.85	12.225	
14,100.0	10,336.5	13,429.6	9,540.7	40.9	36.0	-24.21	3,884.0	647.4	876.3	803.9	72.39	12.105	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	10,336.6	13,479.9	9,543.6	41.2	36.4	-24.29	3,934.3	647.2	873.7	800.5	73.13	11.947	
14,200.0	10,336.8	13,519.8	9,545.8	41.4	36.7	-24.37	3,974.0	646.7	871.7	798.0	73.73	11.823	
14,250.0	10,337.0	13,563.5	9,547.9	41.7	37.1	-24.46	4,017.7	645.9	869.9	795.5	74.40	11.693	
14,300.0	10,337.1	13,609.3	9,550.0	42.0	37.5	-24.57	4,063.5	645.0	868.5	793.4	75.07	11.569	
14,345.0	10,337.3	13,652.2	9,551.7	42.3	37.8	-24.66	4,106.3	644.0	867.3	791.6	75.68	11.459	
14,400.0	10,337.5	13,705.5	9,553.8	42.6	38.3	-24.78	4,159.6	642.8	866.0	789.5	76.44	11.329	
14,440.0	10,337.6	13,744.9	9,555.3	42.8	38.6	-24.87	4,198.9	641.9	865.1	788.1	76.99	11.236	
14,500.0	10,337.8	13,808.9	9,557.6	43.2	39.2	-24.99	4,262.8	640.8	863.7	785.8	77.85	11.095	
14,535.0	10,337.9	13,848.9	9,559.3	43.4	39.5	-25.06	4,302.9	640.2	862.6	784.3	78.36	11.009	
14,600.0	10,338.2	13,912.1	9,562.1	43.8	40.0	-25.16	4,366.0	639.5	860.5	781.2	79.26	10.856	
14,630.0	10,338.3	13,939.6	9,563.2	43.9	40.2	-25.21	4,393.4	639.2	859.6	779.9	79.67	10.789	
14,700.0	10,338.5	14,006.7	9,565.7	44.3	40.8	-25.33	4,460.4	638.2	857.8	777.2	80.65	10.637	
14,725.0	10,338.6	14,031.1	9,566.6	44.5	41.0	-25.37	4,484.9	637.8	857.2	776.2	81.00	10.583	
14,800.0	10,338.8	14,090.2	9,568.4	44.9	41.5	-25.46	4,544.0	636.8	855.9	773.9	81.97	10.441	
14,814.3	10,338.9	14,100.1	9,568.6	45.0	41.6	-25.48	4,553.8	636.6	855.9	773.7	82.15	10.418	
14,820.0	10,338.9	14,104.1	9,568.6	45.1	41.6	-25.48	4,557.8	636.5	855.9	773.7	82.22	10.410	
14,900.0	10,339.2	14,161.6	9,568.4	45.5	42.1	-25.56	4,615.3	635.0	857.2	774.0	83.18	10.305	
14,915.0	10,339.2	14,174.8	9,568.2	45.6	42.2	-25.57	4,628.5	634.6	857.6	774.3	83.38	10.286	
15,000.0	10,339.5	14,250.2	9,566.7	46.1	42.9	-25.68	4,703.8	631.8	860.7	776.2	84.49	10.187	
15,010.0	10,339.6	14,259.9	9,566.4	46.2	43.0	-25.69	4,713.5	631.4	861.1	776.5	84.63	10.175	
15,100.0	10,339.9	14,339.0	9,564.2	46.8	43.6	-25.78	4,792.5	628.5	865.1	779.3	85.80	10.082	
15,105.0	10,339.9	14,350.1	9,563.8	46.8	43.7	-25.79	4,803.6	628.1	865.3	779.3	85.94	10.068	
15,200.0	10,340.2	14,433.0	9,560.4	47.4	44.4	-25.86	4,886.4	625.0	870.6	783.4	87.16	9.988	
15,295.0	10,340.5	14,554.7	9,555.9	48.0	45.5	-25.96	5,007.9	620.6	875.5	786.7	88.81	9.859	
15,300.0	10,340.6	14,563.9	9,555.8	48.0	45.5	-25.97	5,017.1	620.3	875.7	786.8	88.92	9.849	
15,390.0	10,340.9	14,683.4	9,557.7	48.6	46.6	-26.23	5,136.5	616.5	875.6	785.2	90.43	9.683	
15,400.0	10,340.9	14,693.8	9,558.0	48.6	46.6	-26.25	5,146.9	616.2	875.6	785.0	90.58	9.666	
15,485.0	10,341.2	14,774.5	9,560.4	49.1	47.3	-26.49	5,227.5	613.0	875.0	783.2	91.79	9.532	
15,500.0	10,341.2	14,788.3	9,560.8	49.2	47.4	-26.53	5,241.3	612.4	874.9	782.9	92.00	9.510	
15,521.0	10,341.3	14,807.5	9,561.2	49.4	47.6	-26.58	5,260.5	611.7	874.9	782.6	92.30	9.479	
15,580.0	10,341.5	14,859.8	9,562.2	49.7	48.0	-26.73	5,312.7	609.5	875.1	782.0	93.11	9.398	
15,600.0	10,341.6	14,877.4	9,562.5	49.9	48.2	-26.78	5,330.3	608.7	875.3	781.9	93.39	9.373	
15,675.0	10,341.8	14,942.1	9,562.9	50.3	48.7	-26.95	5,395.0	605.8	876.5	782.1	94.40	9.285	
15,700.0	10,341.9	14,963.3	9,562.9	50.5	48.9	-27.00	5,416.1	604.8	877.1	782.4	94.73	9.259	
15,770.0	10,342.2	15,025.5	9,562.4	51.0	49.5	-27.15	5,478.2	601.6	879.4	783.7	95.68	9.190	
15,800.0	10,342.3	15,054.5	9,562.1	51.1	49.7	-27.22	5,507.2	600.2	880.4	784.3	96.11	9.161	
15,865.0	10,342.5	15,119.9	9,561.2	51.6	50.3	-27.37	5,572.5	596.9	882.9	785.8	97.07	9.095	
15,900.0	10,342.6	15,157.7	9,560.8	51.8	50.6	-27.46	5,610.3	594.9	884.1	786.5	97.61	9.057	
15,960.0	10,342.8	15,232.4	9,560.5	52.2	51.2	-27.64	5,684.9	591.4	885.7	787.1	98.63	8.980	
16,000.0	10,343.0	15,289.6	9,560.9	52.4	51.7	-27.72	5,742.0	590.0	886.0	786.7	99.35	8.918	
16,055.0	10,343.1	15,345.3	9,561.2	52.8	52.2	-27.71	5,797.7	590.1	885.9	785.7	100.16	8.844	
16,100.0	10,343.3	15,390.7	9,560.8	53.1	52.6	-27.62	5,843.1	591.3	885.7	784.8	100.82	8.784	
16,150.0	10,343.5	15,438.4	9,560.2	53.4	53.0	-27.49	5,890.8	593.0	885.5	784.0	101.54	8.721	
16,176.6	10,343.6	15,463.7	9,559.9	53.6	53.2	-27.42	5,916.0	593.8	885.5	783.6	101.92	8.688	
16,200.0	10,343.6	15,485.7	9,559.5	53.7	53.4	-27.37	5,938.0	594.6	885.5	783.3	102.25	8.660	
16,245.0	10,343.8	15,526.9	9,558.7	54.0	53.7	-27.25	5,979.2	596.0	885.7	782.8	102.89	8.608	
16,300.0	10,344.0	15,580.6	9,557.4	54.4	54.2	-27.10	6,032.9	597.8	886.2	782.5	103.69	8.547	
16,340.0	10,344.1	15,641.3	9,556.5	54.6	54.7	-26.91	6,093.5	600.4	886.0	781.6	104.40	8.487	
16,400.0	10,344.3	15,700.2	9,556.4	55.0	55.2	-26.72	6,152.3	603.4	884.8	779.5	105.27	8.405	
16,435.0	10,344.4	15,727.1	9,556.0	55.3	55.4	-26.61	6,179.2	605.0	884.4	778.7	105.74	8.364	
16,500.0	10,344.7	15,818.8	9,554.2	55.7	56.2	-26.20	6,270.7	610.7	884.2	777.4	106.81	8.278	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	10,344.8	15,871.1	9,555.5	55.9	56.6	-25.99	6,322.8	614.7	882.5	775.2	107.28	8.226	
16,600.0	10,345.0	15,932.5	9,556.7	56.4	57.1	-25.69	6,383.9	620.2	878.6	770.3	108.30	8.113	
16,625.0	10,345.1	15,955.9	9,556.9	56.5	57.3	-25.55	6,407.2	622.6	877.4	768.7	108.67	8.074	
16,700.0	10,345.3	16,050.4	9,558.9	57.0	58.1	-25.04	6,501.3	631.9	872.9	763.2	109.76	7.953	
16,720.0	10,345.4	16,068.7	9,559.6	57.2	58.3	-24.95	6,519.5	633.5	871.5	761.5	110.06	7.919	
16,800.0	10,345.7	16,141.0	9,562.5	57.7	58.9	-24.67	6,591.5	639.3	866.2	754.9	111.24	7.787	
16,815.0	10,345.7	16,159.0	9,563.2	57.8	59.0	-24.62	6,609.4	640.5	865.2	753.7	111.46	7.762	
16,900.0	10,346.0	16,234.0	9,566.3	58.4	59.7	-24.43	6,684.2	644.7	860.3	747.6	112.72	7.632	
16,910.0	10,346.1	16,244.0	9,566.7	58.4	59.7	-24.41	6,694.2	645.1	859.8	746.9	112.87	7.617	
17,000.0	10,346.4	16,330.0	9,570.3	59.0	60.5	-24.31	6,780.1	648.1	855.2	741.0	114.20	7.489	
17,005.0	10,346.4	16,335.9	9,570.6	59.1	60.5	-24.31	6,786.0	648.2	855.0	740.7	114.28	7.482	
17,100.0	10,346.7	16,424.0	9,573.9	59.7	61.3	-24.21	6,874.0	651.0	850.7	735.0	115.69	7.354	
17,195.0	10,347.0	16,499.7	9,575.0	60.3	61.9	-24.00	6,949.6	654.5	847.9	730.8	117.04	7.244	
17,200.0	10,347.1	16,503.6	9,574.9	60.4	61.9	-23.99	6,953.5	654.7	847.8	730.7	117.11	7.239	
17,290.0	10,347.4	16,585.7	9,574.0	61.0	62.6	-23.66	7,035.5	659.3	846.9	728.5	118.41	7.152	
17,300.0	10,347.4	16,595.2	9,573.9	61.0	62.7	-23.62	7,044.9	659.8	846.8	728.3	118.55	7.143	
17,385.0	10,347.7	16,692.7	9,574.7	61.6	63.5	-23.53	7,142.4	661.2	845.8	726.0	119.88	7.055	
17,400.0	10,347.7	16,710.8	9,575.6	61.7	63.7	-23.60	7,160.4	660.5	845.5	725.4	120.12	7.039	
17,480.0	10,348.0	16,784.8	9,579.0	62.3	64.3	-23.90	7,234.3	656.9	843.8	722.5	121.31	6.956	
17,500.0	10,348.1	16,802.0	9,579.7	62.4	64.5	-23.97	7,251.4	656.1	843.5	721.9	121.60	6.937	
17,560.2	10,348.3	16,850.4	9,581.1	62.8	64.9	-24.10	7,299.7	654.3	843.0	720.6	122.45	6.885	
17,575.0	10,348.3	16,862.0	9,581.2	62.9	65.0	-24.12	7,311.3	654.0	843.1	720.4	122.65	6.874	
17,600.0	10,348.4	16,881.6	9,581.2	63.1	65.1	-24.14	7,330.9	653.6	843.2	720.3	122.98	6.857	
17,670.0	10,348.7	16,942.0	9,580.6	63.6	65.7	-24.15	7,391.4	653.0	844.4	720.5	123.96	6.812	
17,700.0	10,348.8	16,968.9	9,580.1	63.8	65.9	-24.16	7,418.2	652.6	845.1	720.7	124.38	6.795	
17,765.0	10,349.0	17,032.2	9,579.0	64.2	66.4	-24.19	7,481.5	651.3	846.9	721.6	125.34	6.757	
17,800.0	10,349.1	17,068.1	9,578.4	64.5	66.7	-24.22	7,517.4	650.3	847.8	722.0	125.88	6.735	
17,860.0	10,349.3	17,115.5	9,577.5	64.9	67.2	-24.25	7,564.8	649.2	849.7	723.1	126.64	6.709	
17,900.0	10,349.5	17,142.9	9,576.1	65.2	67.4	-24.22	7,592.2	649.1	851.6	724.6	127.08	6.702	
17,955.0	10,349.6	17,181.5	9,573.2	65.5	67.7	-24.10	7,630.7	649.6	855.3	727.6	127.65	6.700	
18,000.0	10,349.8	17,282.2	9,567.9	65.8	68.6	-23.82	7,731.2	651.5	857.2	728.2	129.00	6.644	
18,050.0	10,350.0	17,353.0	9,569.7	66.2	69.2	-23.88	7,801.9	651.0	856.0	726.1	129.90	6.590	
18,100.0	10,350.1	17,430.4	9,573.5	66.5	69.8	-24.00	7,879.2	650.3	853.8	723.0	130.73	6.531	
18,145.0	10,350.3	17,476.3	9,575.7	66.8	70.2	-24.02	7,925.1	650.8	851.6	720.2	131.41	6.481	
18,200.0	10,350.5	17,530.5	9,578.7	67.2	70.7	-24.10	7,979.2	650.7	849.1	716.8	132.25	6.420	
18,240.0	10,350.6	17,571.6	9,581.3	67.5	71.0	-24.22	8,020.2	649.8	847.2	714.3	132.86	6.377	
18,300.0	10,350.8	17,638.2	9,585.8	67.9	71.6	-24.40	8,086.6	648.6	844.1	710.3	133.77	6.310	
18,335.0	10,350.9	17,669.2	9,587.9	68.2	71.9	-24.47	8,117.5	648.4	842.1	707.8	134.31	6.270	
18,400.0	10,351.2	17,718.7	9,590.4	68.6	72.3	-24.55	8,166.9	648.1	839.4	704.1	135.29	6.205	
18,430.0	10,351.3	17,746.0	9,591.4	68.8	72.5	-24.58	8,194.3	647.9	838.6	702.9	135.74	6.178	
18,500.0	10,351.5	17,799.1	9,592.6	69.3	73.0	-24.62	8,247.3	647.5	837.4	700.7	136.74	6.124	
18,525.0	10,351.6	17,819.8	9,592.9	69.5	73.1	-24.64	8,268.0	647.3	837.2	700.2	137.09	6.107	
18,549.7	10,351.7	17,841.0	9,593.2	69.7	73.3	-24.67	8,289.2	646.9	837.2	699.8	137.45	6.091	
18,600.0	10,351.8	17,874.3	9,593.2	70.0	73.6	-24.71	8,322.5	646.2	837.7	699.7	138.07	6.067	
18,620.0	10,351.9	17,887.8	9,593.1	70.2	73.7	-24.73	8,336.0	645.7	838.2	699.9	138.31	6.061	
18,700.0	10,352.2	17,944.6	9,591.6	70.7	74.2	-24.83	8,392.7	643.2	841.7	702.5	139.22	6.046	
18,715.0	10,352.2	17,959.2	9,591.2	70.8	74.3	-24.87	8,407.3	642.3	842.5	703.1	139.45	6.042	
18,800.0	10,352.5	18,042.5	9,589.2	71.4	75.1	-25.19	8,490.3	635.8	847.4	706.7	140.73	6.021	
18,810.0	10,352.6	18,052.5	9,589.0	71.5	75.1	-25.24	8,500.3	634.9	848.0	707.1	140.88	6.019	
18,900.0	10,352.9	18,142.8	9,586.5	72.1	75.9	-25.54	8,590.3	628.4	853.2	710.9	142.27	5.997	
18,905.0	10,352.9	18,147.7	9,586.3	72.2	76.0	-25.55	8,595.2	628.1	853.5	711.1	142.35	5.995	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
19,000.0	10,353.2	18,258.5	9,583.2	72.8	76.9	-25.86	8,705.7	621.1	858.8	714.7	144.04	5.962	
19,095.0	10,353.5	18,385.9	9,582.8	73.5	78.0	-25.99	8,833.0	618.3	860.0	714.2	145.82	5.897	
19,100.0	10,353.6	18,391.5	9,582.9	73.5	78.0	-26.00	8,838.7	618.1	860.0	714.1	145.90	5.894	
19,190.0	10,353.9	18,461.1	9,583.3	74.2	78.6	-26.11	8,908.3	616.2	860.9	713.7	147.10	5.852	
19,200.0	10,353.9	18,468.1	9,583.2	74.2	78.7	-26.10	8,915.3	616.2	861.1	713.9	147.22	5.849	
19,285.0	10,354.2	18,533.4	9,580.0	74.8	79.3	-25.97	8,980.5	616.6	864.7	716.4	148.26	5.832	
19,300.0	10,354.2	18,546.6	9,579.2	74.9	79.4	-25.94	8,993.6	616.7	865.4	717.0	148.46	5.829	
19,380.0	10,354.5	18,645.6	9,573.5	75.5	80.2	-25.72	9,092.4	617.3	869.8	719.9	149.92	5.802	
19,400.0	10,354.6	18,690.6	9,572.3	75.7	80.6	-25.61	9,137.4	618.3	870.1	719.7	150.46	5.783	
19,475.0	10,354.8	18,770.9	9,571.5	76.2	81.3	-25.43	9,217.7	620.6	870.0	718.4	151.63	5.738	
19,500.0	10,354.9	18,795.5	9,571.3	76.4	81.5	-25.38	9,242.3	621.3	869.9	717.9	152.01	5.723	
19,522.2	10,355.0	18,814.9	9,571.1	76.5	81.7	-25.34	9,261.7	621.9	869.9	717.5	152.33	5.711	
19,570.0	10,355.2	18,856.7	9,570.3	76.9	82.0	-25.21	9,303.5	623.4	870.0	717.0	153.01	5.686	
19,600.0	10,355.3	18,882.0	9,569.6	77.1	82.3	-25.12	9,328.7	624.5	870.3	716.9	153.42	5.673	
19,665.0	10,355.5	18,941.6	9,567.4	77.5	82.8	-24.87	9,388.2	627.5	871.3	716.9	154.35	5.645	
19,700.0	10,355.6	18,976.0	9,565.8	77.8	83.1	-24.71	9,422.5	629.3	872.0	717.2	154.87	5.631	
19,760.0	10,355.8	19,044.8	9,563.7	78.2	83.6	-24.50	9,491.2	631.6	873.0	717.2	155.86	5.601	
19,800.0	10,356.0	19,088.2	9,563.6	78.5	84.0	-24.50	9,534.6	631.4	873.3	716.8	156.50	5.580	
19,855.0	10,356.1	19,139.3	9,563.7	78.9	84.5	-24.54	9,585.7	630.5	873.7	716.4	157.32	5.554	
19,900.0	10,356.3	19,187.4	9,563.8	79.2	84.9	-24.60	9,633.8	629.3	874.2	716.2	158.04	5.532	
19,950.0	10,356.5	19,253.2	9,565.1	79.6	85.4	-24.75	9,699.5	627.2	874.1	715.2	158.91	5.500	
20,000.0	10,356.6	19,316.2	9,567.6	79.9	86.0	-24.94	9,762.4	625.0	873.1	713.4	159.74	5.466	
20,045.0	10,356.8	19,370.1	9,570.5	80.2	86.4	-25.12	9,816.3	623.0	871.7	711.2	160.46	5.432	
20,100.0	10,357.0	19,429.4	9,574.2	80.6	86.9	-25.34	9,875.4	620.9	869.5	708.2	161.32	5.390	
20,140.0	10,357.1	19,465.2	9,576.5	80.9	87.2	-25.47	9,911.1	619.7	867.9	706.0	161.94	5.359	
20,200.0	10,357.3	19,509.0	9,578.4	81.4	87.6	-25.58	9,954.8	618.6	866.3	703.5	162.83	5.320	
20,235.0	10,357.4	19,545.0	9,579.1	81.6	87.9	-25.62	9,990.8	618.1	865.9	702.6	163.38	5.300	
20,300.0	10,357.7	19,599.4	9,579.8	82.1	88.4	-25.66	10,045.2	617.5	865.6	701.2	164.33	5.267	
20,330.0	10,357.8	19,631.6	9,580.4	82.3	88.6	-25.70	10,077.4	617.0	865.3	700.5	164.81	5.250	
20,400.0	10,358.0	19,694.2	9,581.5	82.8	89.2	-25.78	10,140.0	615.9	864.9	699.1	165.85	5.215	
20,404.0	10,358.0	19,697.7	9,581.5	82.8	89.2	-25.79	10,143.5	615.8	864.9	699.0	165.91	5.213	
20,425.0	10,358.1	19,716.0	9,581.7	83.0	89.4	-25.81	10,161.7	615.5	865.0	698.7	166.21	5.204	
20,500.0	10,358.3	19,781.8	9,581.7	83.5	89.9	-25.85	10,227.6	614.5	865.6	698.3	167.29	5.174	
20,520.0	10,358.4	19,799.5	9,581.5	83.7	90.1	-25.85	10,245.3	614.3	865.9	698.3	167.58	5.167	
20,600.0	10,358.7	19,891.3	9,581.1	84.2	90.9	-25.92	10,337.1	612.6	867.1	698.2	168.92	5.133	
20,615.0	10,358.7	19,911.7	9,581.6	84.3	91.0	-25.98	10,357.5	611.8	867.1	697.9	169.19	5.125	
20,663.8	10,358.9	19,957.6	9,583.0	84.7	91.4	-26.15	10,403.3	609.5	866.9	697.0	169.94	5.101	
20,700.0	10,359.0	19,987.9	9,583.6	85.0	91.7	-26.23	10,433.5	608.3	867.0	696.6	170.46	5.087	
20,710.0	10,359.1	19,996.3	9,583.7	85.0	91.8	-26.25	10,441.9	608.0	867.1	696.5	170.60	5.083	
20,800.0	10,359.4	20,074.6	9,583.6	85.7	92.4	-26.37	10,520.2	605.6	868.5	696.7	171.88	5.053	
20,805.0	10,359.4	20,079.1	9,583.6	85.7	92.5	-26.37	10,524.6	605.5	868.7	696.7	171.95	5.052	
20,900.0	10,359.7	20,168.4	9,582.5	86.4	93.3	-26.50	10,613.9	602.5	871.3	697.9	173.36	5.026	
20,995.0	10,360.0	20,260.7	9,581.7	87.1	94.0	-26.70	10,706.1	598.3	874.2	699.4	174.81	5.001	
21,000.0	10,360.1	20,265.5	9,581.6	87.1	94.1	-26.71	10,710.9	598.1	874.3	699.4	174.88	4.999	
21,090.0	10,360.4	20,365.5	9,580.9	87.8	94.9	-26.94	10,810.8	593.3	877.1	700.7	176.41	4.972	
21,100.0	10,360.4	20,377.8	9,580.9	87.8	95.1	-26.97	10,823.1	592.8	877.3	700.7	176.59	4.968	
21,185.0	10,360.7	20,460.2	9,580.8	88.5	95.8	-27.10	10,905.4	590.2	878.8	700.9	177.89	4.940	
21,200.0	10,360.7	20,473.7	9,580.7	88.6	95.9	-27.12	10,919.0	589.8	879.1	701.0	178.11	4.936	
21,280.0	10,361.0	20,566.3	9,579.9	89.1	96.7	-27.18	11,011.5	587.9	880.6	701.2	179.47	4.907	
21,300.0	10,361.1	20,591.5	9,579.6	89.3	96.9	-27.14	11,036.7	588.3	880.8	700.9	179.82	4.898	
21,375.0	10,361.3	20,663.6	9,578.3	89.8	97.5	-26.97	11,108.7	590.3	881.2	700.2	180.94	4.870	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
21,400.0	10,361.4	20,687.8	9,577.7	90.0	97.7	-26.90	11,132.9	591.2	881.3	700.0	181.32	4.861	
21,470.0	10,361.7	20,755.6	9,575.6	90.5	98.3	-26.64	11,200.6	594.3	881.9	699.6	182.36	4.836	
21,500.0	10,361.8	20,784.9	9,574.5	90.7	98.5	-26.50	11,229.8	596.0	882.2	699.4	182.81	4.826	
21,565.0	10,362.0	20,850.4	9,572.1	91.2	99.1	-26.21	11,295.2	599.6	882.9	699.2	183.79	4.804	
21,600.0	10,362.1	20,885.7	9,570.9	91.5	99.4	-26.06	11,330.4	601.4	883.3	699.0	184.33	4.792	
21,660.0	10,362.3	20,945.8	9,569.1	91.9	99.9	-25.84	11,390.5	604.0	883.9	698.7	185.24	4.772	
21,700.0	10,362.5	20,985.8	9,568.0	92.2	100.3	-25.71	11,430.4	605.5	884.3	698.5	185.85	4.758	
21,755.0	10,362.6	21,040.3	9,566.7	92.6	100.7	-25.57	11,484.9	607.2	884.9	698.2	186.68	4.740	
21,800.0	10,362.8	21,088.7	9,565.7	92.9	101.1	-25.46	11,533.2	608.3	885.4	698.0	187.40	4.725	
21,850.0	10,363.0	21,147.7	9,565.2	93.3	101.6	-25.37	11,592.2	609.4	885.5	697.2	188.23	4.704	
21,893.5	10,363.1	21,188.5	9,565.1	93.6	102.0	-25.32	11,633.1	610.1	885.4	696.5	188.88	4.687	
21,900.0	10,363.1	21,194.1	9,565.1	93.6	102.0	-25.32	11,638.7	610.1	885.4	696.4	188.98	4.685	
21,945.0	10,363.3	21,232.9	9,564.8	94.0	102.4	-25.27	11,677.5	610.6	885.6	695.9	189.62	4.670	
22,000.0	10,363.5	21,282.8	9,564.0	94.4	102.8	-25.21	11,727.3	611.1	886.2	695.8	190.42	4.654	
22,040.0	10,363.6	21,320.6	9,563.3	94.7	103.1	-25.15	11,765.1	611.6	886.8	695.8	191.02	4.643	
22,100.0	10,363.8	21,384.0	9,561.8	95.1	103.7	-25.04	11,828.5	612.6	887.8	695.8	191.97	4.625	
22,135.0	10,363.9	21,425.3	9,561.5	95.4	104.0	-25.01	11,869.7	612.7	888.1	695.5	192.56	4.612	
22,200.0	10,364.2	21,495.8	9,561.8	95.8	104.6	-25.05	11,940.3	612.0	888.2	694.6	193.61	4.587	
22,230.0	10,364.3	21,527.5	9,562.2	96.1	104.9	-25.08	11,971.9	611.5	888.1	694.0	194.09	4.576	
22,297.3	10,364.5	21,592.4	9,563.0	96.5	105.5	-25.16	12,036.9	610.4	888.0	692.9	195.13	4.551	
22,300.0	10,364.5	21,595.0	9,563.0	96.6	105.5	-25.16	12,039.4	610.3	888.0	692.8	195.17	4.550	
22,314.7	10,364.6	21,608.9	9,563.2	96.7	105.6	-25.17	12,053.4	610.1	888.0	692.6	195.39	4.545	
22,325.0	10,364.6	21,618.7	9,563.2	96.8	105.7	-25.18	12,063.1	610.0	888.0	692.5	195.55	4.541	
22,400.0	10,364.8	21,694.2	9,563.9	97.3	106.3	-25.25	12,138.7	608.7	888.2	691.4	196.72	4.515	
22,420.0	10,364.9	21,714.2	9,564.1	97.4	106.5	-25.27	12,158.6	608.4	888.2	691.1	197.03	4.508	
22,444.7	10,365.0	21,737.0	9,564.3	97.6	106.7	-25.30	12,181.4	607.9	888.2	690.8	197.40	4.499	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	2.3	2.3	3.0	3.0	93.47	-32.7	540.0	541.0				
95.0	95.0	99.1	99.1	3.0	3.0	93.45	-32.6	539.8	540.8	534.8	6.02	89.872	
100.0	100.0	104.3	104.3	3.0	3.0	93.45	-32.6	539.8	540.8	534.8	6.02	89.825	
190.0	190.0	194.4	194.4	3.1	3.0	93.42	-32.2	539.5	540.4	534.3	6.13	88.169	
200.0	200.0	204.6	204.6	3.1	3.0	93.42	-32.2	539.4	540.4	534.3	6.15	87.909	
285.0	285.0	289.4	289.4	3.3	3.0	93.41	-32.1	539.1	540.1	533.8	6.25	86.363	
300.0	300.0	304.4	304.4	3.3	3.0	93.41	-32.1	539.0	540.0	533.7	6.27	86.057	
380.0	380.0	385.1	385.1	3.4	3.0	93.40	-32.0	538.7	539.6	533.3	6.38	84.627	
400.0	400.0	405.0	405.0	3.4	3.0	93.40	-32.0	538.6	539.5	533.1	6.40	84.245	
475.0	475.0	481.3	481.3	3.5	3.0	93.40	-32.0	538.1	539.1	532.6	6.50	82.917	
500.0	500.0	506.6	506.6	3.5	3.1	93.41	-32.0	537.9	538.9	532.3	6.54	82.451	
570.0	570.0	578.1	578.1	3.6	3.1	93.41	-32.0	537.2	538.2	531.6	6.63	81.204	
600.0	600.0	609.1	609.1	3.6	3.1	93.41	-32.0	536.9	537.9	531.2	6.67	80.646	
665.0	665.0	677.0	676.9	3.7	3.1	93.40	-31.8	535.8	536.9	530.1	6.76	79.453	
700.0	700.0	714.1	714.0	3.8	3.1	93.38	-31.6	535.1	536.2	529.3	6.81	78.778	
760.0	760.0	778.5	778.5	3.8	3.1	93.34	-31.1	533.4	534.6	527.7	6.89	77.618	
800.0	800.0	821.7	821.6	3.9	3.2	93.30	-30.7	532.0	533.2	526.3	6.94	76.794	
855.0	855.0	877.6	877.5	4.0	3.2	93.25	-30.1	530.0	531.2	524.2	7.02	75.676	
900.0	900.0	922.2	922.0	4.0	3.2	93.20	-29.5	528.3	529.5	522.4	7.08	74.758	
950.0	950.0	972.9	972.7	4.1	3.2	93.15	-28.9	526.4	527.6	520.5	7.15	73.765	
1,000.0	1,000.0	1,048.1	1,047.7	4.1	3.3	93.15	-28.8	522.4	525.2	517.9	7.22	72.725	
1,045.0	1,045.0	1,103.0	1,102.4	4.2	3.3	93.39	-30.6	516.9	520.7	513.4	7.28	71.528	
1,100.0	1,100.0	1,163.5	1,162.4	4.2	3.3	93.77	-33.6	509.8	514.5	507.1	7.35	69.953	
1,140.0	1,140.0	1,202.9	1,201.4	4.3	3.3	94.05	-35.7	505.1	509.8	502.4	7.41	68.788	
1,200.0	1,200.0	1,261.3	1,259.3	4.4	3.4	94.46	-38.8	498.1	502.9	495.4	7.50	67.066	
1,235.0	1,235.0	1,294.0	1,291.8	4.4	3.4	94.68	-40.4	494.3	499.0	491.4	7.55	66.095	
1,300.0	1,300.0	1,354.1	1,351.5	4.5	3.4	95.08	-43.4	487.8	492.2	484.5	7.65	64.370	
1,330.0	1,330.0	1,383.4	1,380.6	4.5	3.4	95.29	-44.9	484.7	489.2	481.5	7.69	63.622	
1,400.0	1,400.0	1,456.7	1,453.2	4.6	3.5	95.95	-49.7	476.7	482.0	474.2	7.79	61.896	
1,425.0	1,425.0	1,481.1	1,477.4	4.6	3.5	96.24	-51.8	473.9	479.4	471.6	7.82	61.280	
1,500.0	1,500.0	1,551.7	1,547.3	4.7	3.5	97.07	-57.9	466.2	471.9	464.0	7.93	59.505	
1,520.0	1,520.0	1,571.1	1,566.5	4.7	3.5	2.77	-59.5	464.1	470.0	462.0	7.98	58.893	
1,600.0	1,600.0	1,649.9	1,644.6	4.8	3.6	3.73	-66.0	455.9	460.9	452.7	8.18	56.329	
1,615.0	1,615.0	1,665.0	1,659.6	4.8	3.6	3.93	-67.3	454.3	458.9	450.7	8.23	55.752	
1,700.0	1,699.8	1,765.0	1,758.7	5.0	3.6	5.06	-73.7	442.3	445.0	436.5	8.51	52.285	
1,710.0	1,709.8	1,774.8	1,768.3	5.0	3.7	5.16	-74.1	440.9	443.0	434.5	8.55	51.839	
1,800.0	1,799.5	1,855.4	1,848.1	5.2	3.7	6.00	-77.6	430.5	424.3	415.5	8.87	47.825	
1,805.0	1,804.4	1,859.6	1,852.4	5.2	3.7	6.04	-77.8	430.0	423.3	414.4	8.89	47.605	
1,900.0	1,898.7	1,940.4	1,932.7	5.5	3.8	6.92	-81.0	421.7	402.9	393.7	9.25	43.550	
1,995.0	1,992.5	2,034.8	2,026.6	5.8	3.8	8.11	-85.0	413.8	381.5	371.9	9.62	39.680	
2,000.0	1,997.5	2,041.8	2,033.6	5.9	3.8	8.22	-85.4	413.1	380.2	370.6	9.63	39.477	
2,090.0	2,085.8	2,140.3	2,131.0	6.2	3.9	10.39	-92.4	400.4	353.7	343.8	9.96	35.501	
2,100.0	2,095.6	2,149.4	2,139.9	6.2	3.9	10.63	-93.1	399.1	350.6	340.6	10.00	35.044	
2,185.0	2,178.8	2,221.3	2,211.0	6.5	4.0	12.60	-98.7	389.4	324.2	313.9	10.30	31.493	
2,200.0	2,193.4	2,233.9	2,223.5	6.5	4.0	12.97	-99.8	387.9	319.9	309.6	10.35	30.919	
2,280.0	2,271.7	2,300.0	2,289.0	6.7	4.1	14.99	-105.1	381.3	298.2	287.6	10.62	28.072	
2,300.0	2,291.3	2,318.9	2,307.8	6.8	4.1	15.58	-106.6	379.7	293.3	282.6	10.69	27.439	
2,375.0	2,364.6	2,396.0	2,384.4	7.1	4.1	18.15	-112.5	373.4	274.6	263.7	10.91	25.162	
2,400.0	2,389.1	2,421.5	2,409.8	7.1	4.1	19.03	-114.0	370.9	268.1	257.1	10.99	24.394	
2,470.0	2,457.5	2,489.0	2,476.8	7.4	4.2	21.50	-117.5	364.3	249.7	238.5	11.21	22.284	
2,500.0	2,486.9	2,522.5	2,510.1	7.5	4.2	22.78	-118.8	360.9	241.8	230.5	11.28	21.434	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,565.0	2,550.5	2,585.0	2,572.2	7.7	4.3	25.19	-120.0	354.1	223.8	212.3	11.47	19.503	
2,600.0	2,584.7	2,618.3	2,605.3	7.8	4.3	26.63	-120.5	350.5	214.2	202.7	11.57	18.516	
2,660.0	2,643.4	2,674.6	2,661.3	8.1	4.4	29.35	-121.5	344.5	198.4	186.6	11.73	16.913	
2,700.0	2,682.5	2,712.1	2,698.6	8.2	4.4	31.39	-122.2	340.7	188.2	176.4	11.82	15.923	
2,755.0	2,736.3	2,764.3	2,750.6	8.4	4.5	34.60	-123.2	335.3	174.7	162.8	11.91	14.661	
2,800.0	2,780.3	2,807.2	2,793.2	8.6	4.5	37.61	-124.0	331.0	164.1	152.1	11.96	13.718	
2,850.0	2,829.2	2,853.9	2,839.6	8.8	4.5	41.35	-125.0	326.2	153.0	141.1	11.99	12.768	
2,900.0	2,878.1	2,898.7	2,884.2	9.0	4.6	45.60	-126.8	321.8	143.4	131.5	11.97	11.984	
2,945.0	2,922.2	2,941.0	2,926.2	9.2	4.6	50.30	-129.2	317.4	136.3	124.4	11.88	11.464	
3,000.0	2,976.0	2,993.2	2,978.0	9.4	4.7	56.76	-132.3	312.0	129.1	117.3	11.73	11.008	
3,040.0	3,015.1	3,031.0	3,015.5	9.5	4.7	61.77	-134.6	308.2	125.1	113.5	11.59	10.790	
3,100.0	3,073.8	3,087.9	3,072.1	9.8	4.8	69.69	-138.0	302.7	121.3	109.9	11.40	10.639	
3,135.0	3,108.0	3,121.3	3,105.3	9.9	4.8	74.48	-140.1	299.5	120.4	109.0	11.32	10.629	SF
3,153.4	3,126.1	3,138.9	3,122.7	10.0	4.8	77.00	-141.1	297.8	120.2	108.9	11.30	10.641	CC, ES
3,200.0	3,171.6	3,183.2	3,166.8	10.2	4.9	83.32	-143.8	293.7	121.1	109.8	11.30	10.714	
3,230.0	3,200.9	3,212.0	3,195.4	10.3	4.9	87.29	-145.6	291.2	122.4	111.1	11.35	10.783	
3,300.0	3,269.4	3,279.1	3,262.2	10.6	5.0	96.10	-149.5	285.3	127.9	116.2	11.65	10.979	
3,325.0	3,293.9	3,303.1	3,286.0	10.7	5.0	99.03	-150.9	283.3	130.5	118.7	11.80	11.060	
3,400.0	3,367.2	3,375.7	3,358.2	11.0	5.0	107.11	-155.1	277.3	140.3	127.9	12.37	11.340	
3,420.0	3,386.8	3,395.1	3,377.5	11.1	5.1	109.06	-156.1	275.8	143.3	130.7	12.54	11.420	
3,500.0	3,465.0	3,472.7	3,454.8	11.4	5.1	116.07	-160.2	270.0	156.4	143.1	13.27	11.787	
3,515.0	3,479.7	3,487.1	3,469.2	11.5	5.2	117.24	-160.9	269.0	159.0	145.6	13.40	11.864	
3,600.0	3,562.8	3,568.7	3,550.5	11.9	5.2	123.19	-164.9	263.1	175.1	160.9	14.17	12.358	
3,610.0	3,572.6	3,578.3	3,560.0	11.9	5.3	123.82	-165.3	262.4	177.1	162.8	14.25	12.422	
3,700.0	3,660.7	3,663.4	3,644.8	12.3	5.3	129.16	-169.0	255.3	196.4	181.3	15.04	13.058	
3,705.0	3,665.6	3,668.2	3,649.5	12.3	5.3	129.44	-169.2	254.9	197.5	182.4	15.08	13.095	
3,800.0	3,758.5	3,758.8	3,739.7	12.7	5.4	134.24	-172.8	246.6	219.8	203.9	15.88	13.841	
3,895.0	3,851.4	3,849.1	3,829.5	13.2	5.5	138.14	-176.4	238.2	243.4	226.8	16.62	14.646	
3,900.0	3,856.3	3,853.8	3,834.2	13.2	5.5	138.33	-176.6	237.8	244.7	228.0	16.66	14.690	
3,990.0	3,944.3	3,939.9	3,919.9	13.6	5.6	141.38	-180.1	229.8	268.0	250.7	17.32	15.474	
4,000.0	3,954.1	3,949.5	3,929.4	13.6	5.6	141.68	-180.5	228.9	270.6	253.2	17.39	15.560	
4,085.0	4,037.2	4,032.1	4,011.6	14.0	5.7	144.08	-183.9	221.5	293.0	275.0	18.00	16.281	
4,100.0	4,051.9	4,047.0	4,026.4	14.1	5.8	144.47	-184.5	220.2	297.0	278.9	18.11	16.402	
4,180.0	4,130.2	4,124.2	4,103.3	14.4	5.8	146.31	-187.6	213.8	318.0	299.3	18.64	17.055	
4,200.0	4,149.7	4,143.0	4,122.1	14.5	5.9	146.72	-188.4	212.3	323.3	304.5	18.77	17.222	
4,275.0	4,223.1	4,216.2	4,194.9	14.8	5.9	148.19	-191.4	206.3	343.2	324.0	19.27	17.813	
4,300.0	4,247.6	4,240.5	4,219.1	15.0	6.0	148.63	-192.4	204.4	349.9	330.4	19.43	18.005	
4,370.0	4,316.0	4,308.0	4,286.3	15.3	6.0	149.77	-195.2	199.2	368.4	348.5	19.87	18.538	
4,400.0	4,345.4	4,336.9	4,315.2	15.4	6.1	150.21	-196.5	197.1	376.4	356.3	20.06	18.763	
4,465.0	4,408.9	4,398.6	4,376.7	15.7	6.1	151.08	-199.2	192.4	393.8	373.3	20.45	19.254	
4,500.0	4,443.2	4,432.8	4,410.7	15.9	6.2	151.52	-200.8	189.9	403.2	382.5	20.67	19.506	
4,560.0	4,501.9	4,490.2	4,467.8	16.1	6.2	152.21	-203.5	185.7	419.3	398.3	21.03	19.942	
4,600.0	4,541.0	4,528.1	4,505.6	16.3	6.3	152.64	-205.4	182.8	430.1	408.8	21.26	20.231	
4,655.0	4,594.8	4,575.0	4,552.3	16.6	6.3	153.14	-207.7	179.0	445.4	423.9	21.53	20.688	
4,700.0	4,638.8	4,607.6	4,584.7	16.8	6.4	153.49	-209.5	175.5	458.9	437.2	21.69	21.155	
4,750.0	4,687.7	4,653.9	4,630.6	17.0	6.4	153.96	-212.2	170.4	474.4	452.4	21.98	21.587	
4,800.0	4,736.6	4,703.1	4,679.4	17.2	6.5	154.42	-215.0	164.9	489.8	467.5	22.28	21.980	
4,845.0	4,780.6	4,748.5	4,724.5	17.4	6.5	154.80	-217.7	160.2	503.5	480.9	22.57	22.308	
4,900.0	4,834.4	4,806.5	4,782.2	17.7	6.6	155.23	-221.2	154.6	519.8	496.9	22.94	22.660	
4,940.0	4,873.6	4,845.1	4,820.5	17.8	6.6	155.50	-223.5	151.2	531.5	508.3	23.17	22.935	
5,000.0	4,932.3	4,902.1	4,877.2	18.1	6.7	155.87	-226.8	146.0	549.0	525.5	23.51	23.348	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,035.0	4,966.5	4,931.4	4,906.3	18.3	6.7	156.06	-228.6	143.3	559.3	535.6	23.68	23.624	
5,100.0	5,030.1	4,982.6	4,957.1	18.6	6.8	156.41	-231.5	137.6	579.5	555.6	23.95	24.194	
5,130.0	5,059.4	5,010.9	4,985.1	18.7	6.8	156.61	-233.1	134.2	589.1	564.9	24.12	24.418	
5,200.0	5,127.9	5,082.6	5,056.2	19.0	6.9	157.08	-237.0	126.0	611.1	586.5	24.58	24.865	
5,225.0	5,152.3	5,109.4	5,082.9	19.2	6.9	157.24	-238.4	123.1	618.8	594.0	24.75	25.004	
5,300.0	5,225.7	5,189.4	5,162.4	19.5	7.0	157.69	-242.6	115.3	641.1	615.9	25.25	25.390	
5,320.0	5,245.3	5,209.4	5,182.2	19.6	7.1	157.79	-243.7	113.5	646.9	621.6	25.37	25.498	
5,400.0	5,323.5	5,286.4	5,258.8	20.0	7.1	158.17	-247.6	106.7	670.2	644.4	25.84	25.941	
5,415.0	5,338.2	5,300.0	5,272.4	20.0	7.2	158.24	-248.3	105.5	674.6	648.6	25.92	26.029	
5,500.0	5,421.3	5,357.6	5,329.6	20.4	7.2	158.52	-251.4	99.3	700.7	674.5	26.20	26.744	
5,510.0	5,431.1	5,366.6	5,338.5	20.5	7.2	158.56	-251.9	98.2	704.0	677.7	26.26	26.813	
5,600.0	5,519.1	5,453.0	5,424.1	20.9	7.3	158.95	-256.9	87.5	733.3	706.5	26.78	27.382	
5,605.0	5,524.0	5,458.0	5,429.0	20.9	7.4	158.98	-257.2	86.9	734.9	708.1	26.81	27.412	
5,700.0	5,617.0	5,556.6	5,526.8	21.3	7.5	159.39	-262.6	75.5	765.0	737.6	27.42	27.897	
5,795.0	5,709.9	5,654.1	5,623.6	21.8	7.6	159.76	-267.8	65.3	794.2	766.2	28.02	28.341	
5,800.0	5,714.8	5,658.8	5,628.3	21.8	7.6	159.77	-268.1	64.8	795.7	767.7	28.05	28.367	
5,890.0	5,802.8	5,781.9	5,750.9	22.2	7.7	160.29	-272.7	54.0	821.8	793.0	28.85	28.484	
5,900.0	5,812.6	5,791.9	5,760.8	22.3	7.7	160.34	-272.9	53.4	824.4	795.5	28.91	28.514	
5,985.0	5,895.7	5,910.9	5,879.6	22.7	7.9	160.95	-274.0	47.0	846.0	816.3	29.67	28.517	
6,000.0	5,910.4	5,928.4	5,897.1	22.7	7.9	161.04	-274.0	46.7	849.3	819.5	29.77	28.523	
6,080.0	5,988.7	6,006.9	5,975.6	23.1	8.0	161.44	-273.8	45.2	866.5	836.2	30.25	28.640	
6,100.0	6,008.2	6,027.6	5,996.3	23.2	8.0	161.54	-273.7	44.8	870.7	840.4	30.38	28.662	
6,175.0	6,081.6	6,099.2	6,067.8	23.5	8.1	161.87	-273.7	43.5	886.8	856.0	30.82	28.778	
6,200.0	6,106.0	6,124.3	6,092.9	23.7	8.1	161.98	-273.8	43.1	892.2	861.3	30.97	28.810	
6,270.0	6,174.5	6,190.5	6,159.1	24.0	8.2	162.24	-274.4	42.0	907.4	876.0	31.37	28.924	
6,300.0	6,203.9	6,219.5	6,188.1	24.1	8.2	162.34	-274.8	41.5	913.9	882.4	31.54	28.972	
6,365.0	6,267.4	6,281.5	6,250.2	24.4	8.3	162.53	-275.9	40.4	928.1	896.2	31.91	29.087	
6,396.7	6,298.4	6,314.3	6,282.9	24.6	8.3	162.61	-276.8	39.9	935.1	903.0	32.10	29.133	
6,400.0	6,301.7	6,317.8	6,286.4	24.6	8.3	162.62	-276.9	39.9	935.8	903.7	32.12	29.138	
6,460.0	6,360.5	6,387.8	6,356.4	24.9	8.4	162.81	-279.4	39.4	947.9	915.4	32.50	29.167	
6,500.0	6,399.8	6,431.7	6,400.2	25.1	8.4	162.86	-281.6	39.7	954.9	922.2	32.72	29.182	
6,555.0	6,454.1	6,486.8	6,455.2	25.3	8.4	162.86	-284.9	40.4	963.6	930.6	32.99	29.212	
6,600.0	6,498.6	6,532.1	6,500.4	25.5	8.5	162.84	-287.8	41.0	969.9	936.7	33.20	29.214	
6,650.0	6,548.2	6,583.3	6,551.5	25.7	8.5	162.84	-290.2	41.5	976.0	942.6	33.43	29.196	
6,700.0	6,597.9	6,631.3	6,599.5	26.0	8.5	162.87	-291.9	41.9	981.4	947.7	33.65	29.166	
6,745.0	6,642.7	6,675.0	6,643.2	26.1	8.5	162.87	-293.5	42.2	985.6	951.7	33.83	29.131	
6,800.0	6,697.5	6,729.0	6,697.1	26.4	8.6	162.85	-295.5	42.6	989.8	955.7	34.06	29.061	
6,840.0	6,737.4	6,767.9	6,736.0	26.5	8.6	162.82	-297.0	42.8	992.3	958.0	34.20	29.010	
6,900.0	6,797.4	6,825.0	6,793.1	26.7	8.6	162.76	-299.0	42.9	995.1	960.7	34.42	28.913	
6,935.0	6,832.4	6,854.5	6,822.6	26.8	8.6	162.72	-300.1	42.9	996.4	961.9	34.46	28.912	
6,996.6	6,894.0	6,908.9	6,877.0	26.9	8.7	-102.82	-301.9	42.4	998.0	963.4	34.56	28.875	
7,000.0	6,897.4	6,912.0	6,880.1	26.9	8.7	-102.82	-301.9	42.3	998.1	963.5	34.56	28.876	
7,030.0	6,927.4	6,943.7	6,911.7	26.9	8.7	-102.82	-302.1	41.7	998.6	964.0	34.61	28.851	
7,100.0	6,997.4	7,006.9	6,974.9	26.9	8.8	-102.75	-301.2	40.3	1,000.0	965.3	34.67	28.846	
7,125.0	7,022.4	7,025.0	6,993.0	26.9	8.8	-102.74	-301.1	39.7	1,000.7	966.0	34.66	28.872	
7,200.0	7,097.4	7,094.5	7,062.4	26.9	8.9	-102.71	-301.1	37.2	1,003.3	968.6	34.74	28.883	
7,220.0	7,117.4	7,114.0	7,081.9	26.9	8.9	-102.70	-301.2	36.5	1,004.1	969.3	34.76	28.882	
7,300.0	7,197.4	7,190.4	7,158.3	26.9	9.0	-102.69	-301.5	33.5	1,007.2	972.3	34.86	28.891	
7,315.0	7,212.4	7,204.7	7,172.5	27.0	9.0	-102.69	-301.7	33.0	1,007.8	972.9	34.88	28.894	
7,400.0	7,297.4	7,311.0	7,278.8	27.0	9.1	-102.69	-302.6	29.0	1,011.3	976.1	35.14	28.780	
7,410.0	7,307.4	7,333.1	7,300.9	27.0	9.2	-102.67	-302.3	28.6	1,011.4	976.2	35.22	28.716	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,500.0	7,397.4	7,424.4	7,392.1	27.0	9.2	-102.56	-300.6	27.6	1,012.0	976.7	35.32	28.653	
7,505.0	7,402.4	7,429.3	7,397.1	27.0	9.2	-102.56	-300.5	27.5	1,012.0	976.7	35.32	28.650	
7,600.0	7,497.4	7,525.0	7,492.7	27.0	9.3	-102.43	-298.6	26.4	1,012.7	977.3	35.43	28.586	
7,695.0	7,592.4	7,617.1	7,584.8	27.1	9.3	-102.32	-296.8	25.3	1,013.4	977.9	35.51	28.537	
7,700.0	7,597.4	7,621.7	7,589.4	27.1	9.3	-102.32	-296.8	25.2	1,013.5	977.9	35.52	28.535	
7,790.0	7,687.4	7,705.1	7,672.8	27.1	9.4	-102.32	-297.1	24.1	1,014.7	979.1	35.61	28.497	
7,800.0	7,697.4	7,713.8	7,681.5	27.1	9.4	-102.33	-297.2	24.0	1,014.9	979.3	35.61	28.497	
7,885.0	7,782.4	7,790.8	7,758.4	27.1	9.5	-102.40	-298.7	22.6	1,016.7	981.1	35.68	28.499	
7,900.0	7,797.4	7,804.7	7,772.3	27.1	9.5	-102.42	-299.1	22.3	1,017.1	981.4	35.69	28.501	
7,980.0	7,877.4	7,900.4	7,868.0	27.1	9.6	-102.53	-301.6	20.4	1,019.2	983.4	35.87	28.411	
8,000.0	7,897.4	7,924.2	7,891.8	27.1	9.7	-102.53	-301.6	20.2	1,019.4	983.5	35.93	28.377	
8,075.0	7,972.4	8,000.9	7,968.5	27.2	9.7	-102.48	-301.0	19.6	1,019.9	983.8	36.02	28.313	
8,100.0	7,997.4	8,026.6	7,994.2	27.2	9.7	-102.47	-300.8	19.4	1,020.0	984.0	36.05	28.291	
8,170.0	8,067.4	8,091.4	8,058.9	27.2	9.8	-102.44	-300.4	18.8	1,020.5	984.4	36.12	28.258	
8,200.0	8,097.4	8,119.7	8,087.3	27.2	9.8	-102.43	-300.3	18.4	1,020.9	984.7	36.15	28.240	
8,265.0	8,162.4	8,183.5	8,151.0	27.2	9.9	-102.42	-300.3	17.6	1,021.7	985.5	36.24	28.193	
8,300.0	8,197.4	8,218.9	8,186.5	27.2	9.9	-102.43	-300.5	17.1	1,022.2	985.9	36.30	28.163	
8,360.0	8,257.4	8,279.3	8,246.9	27.2	10.0	-102.45	-301.0	16.5	1,023.0	986.6	36.38	28.117	
8,400.0	8,297.4	8,316.1	8,283.7	27.3	10.0	-102.47	-301.5	16.0	1,023.5	987.1	36.42	28.105	
8,455.0	8,352.4	8,369.2	8,336.8	27.3	10.1	-102.51	-302.4	15.3	1,024.4	987.9	36.48	28.083	
8,500.0	8,397.4	8,414.0	8,381.6	27.3	10.2	-102.55	-303.3	14.7	1,025.2	988.7	36.53	28.064	
8,550.0	8,447.4	8,462.6	8,430.1	27.3	10.2	-102.62	-304.7	14.1	1,026.1	989.6	36.58	28.054	
8,600.0	8,497.4	8,510.4	8,477.9	27.3	10.2	-102.72	-306.7	13.6	1,027.1	990.5	36.61	28.054	
8,645.0	8,542.4	8,550.0	8,517.4	27.3	10.3	-102.79	-308.0	13.0	1,028.2	991.6	36.63	28.067	
8,700.0	8,597.4	8,597.7	8,565.2	27.3	10.3	-102.82	-308.9	11.7	1,029.9	993.2	36.67	28.085	
8,740.0	8,637.4	8,637.2	8,604.6	27.4	10.4	-102.83	-309.4	10.4	1,031.2	994.5	36.73	28.078	
8,800.0	8,697.4	8,697.3	8,664.7	27.4	10.5	-102.85	-310.2	8.5	1,033.3	996.5	36.82	28.064	
8,835.0	8,732.4	8,735.3	8,702.6	27.4	10.5	-102.85	-310.5	7.3	1,034.4	997.5	36.89	28.041	
8,900.0	8,797.4	8,801.4	8,768.7	27.4	10.6	-102.86	-311.1	5.3	1,036.5	999.5	36.99	28.023	
8,930.0	8,827.4	8,833.0	8,800.3	27.4	10.6	-102.86	-311.4	4.4	1,037.4	1,000.4	37.01	28.032	
9,000.0	8,897.4	8,904.8	8,872.0	27.4	10.6	-102.89	-312.2	2.6	1,039.3	1,002.2	37.04	28.058	
9,025.0	8,922.4	8,930.0	8,897.3	27.4	10.6	-102.90	-312.6	2.0	1,039.9	1,002.9	37.05	28.067	
9,100.0	8,997.4	8,998.0	8,965.2	27.5	10.6	-102.87	-312.4	-0.2	1,042.2	1,005.1	37.07	28.116	
9,120.0	9,017.4	9,009.3	8,976.5	27.5	10.6	-102.83	-311.9	-0.7	1,042.9	1,005.9	37.05	28.152	
9,200.0	9,097.4	9,074.5	9,040.7	27.5	10.6	-102.26	-302.5	-6.2	1,047.0	1,009.9	37.08	28.235	
9,215.0	9,112.4	9,088.3	9,053.9	27.5	10.6	-102.06	-299.1	-7.7	1,047.8	1,010.7	37.10	28.244	
9,300.0	9,197.4	9,140.0	9,102.9	27.5	10.6	-101.16	-283.7	-14.3	1,053.9	1,016.9	37.08	28.421	
9,310.0	9,207.4	9,151.9	9,113.9	27.5	10.6	-100.93	-279.6	-16.1	1,054.8	1,017.7	37.11	28.421	
9,400.0	9,297.4	9,207.1	9,163.5	27.6	10.7	-99.64	-257.3	-25.7	1,064.6	1,027.5	37.11	28.687	
9,405.0	9,302.4	9,210.2	9,166.1	27.6	10.7	-99.56	-255.9	-26.3	1,065.3	1,028.2	37.11	28.704	
9,500.0	9,397.4	9,297.6	9,236.9	27.6	10.7	-96.85	-207.7	-43.4	1,078.7	1,041.4	37.27	28.944	
9,595.0	9,492.4	9,346.7	9,272.7	27.6	10.8	-95.09	-175.7	-53.2	1,095.5	1,058.3	37.21	29.439	
9,600.0	9,497.4	9,349.4	9,274.6	27.6	10.8	-95.00	-174.0	-53.8	1,096.5	1,059.3	37.21	29.469	
9,690.0	9,587.4	9,391.1	9,303.7	27.7	10.8	-93.44	-145.3	-62.7	1,117.2	1,080.1	37.13	30.086	
9,700.0	9,597.4	9,395.0	9,306.3	27.7	10.8	-93.29	-142.6	-63.6	1,119.8	1,082.7	37.12	30.164	
9,785.0	9,682.4	9,431.6	9,330.0	27.7	10.9	-91.87	-116.0	-72.0	1,144.2	1,107.2	37.05	30.886	
9,800.0	9,697.4	9,445.9	9,338.8	27.7	10.9	-91.30	-105.2	-75.2	1,148.9	1,111.8	37.06	31.000	
9,854.7	9,752.0	9,490.1	9,364.1	27.7	11.0	-89.46	-70.1	-84.1	1,166.6	1,129.5	37.07	31.471	
9,880.0	9,777.4	9,508.9	9,374.5	27.7	11.0	-87.63	-54.8	-87.5	1,175.2	1,138.2	36.97	31.784	
9,900.0	9,797.3	9,524.1	9,382.6	27.7	11.0	-86.28	-42.3	-90.2	1,182.1	1,145.2	36.89	32.043	
9,950.0	9,846.9	9,547.2	9,394.9	27.7	11.1	-83.50	-23.2	-94.4	1,200.1	1,163.2	36.84	32.577	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
9,975.0	9,871.5	9,560.7	9,402.1	27.7	11.1	-82.04	-12.0	-96.8	1,209.3	1,172.5	36.82	32.843	
10,000.0	9,895.8	9,574.0	9,409.1	27.7	11.1	-80.60	-1.0	-99.3	1,218.6	1,181.8	36.81	33.109	
10,050.0	9,943.6	9,600.8	9,423.2	27.7	11.2	-77.80	21.2	-104.4	1,237.5	1,200.7	36.79	33.635	
10,070.0	9,962.3	9,614.0	9,430.2	27.7	11.2	-76.66	32.2	-107.0	1,245.1	1,208.3	36.80	33.836	
10,100.0	9,989.9	9,633.7	9,440.4	27.7	11.3	-74.99	48.6	-110.8	1,256.4	1,219.5	36.81	34.129	
10,150.0	10,034.5	9,669.9	9,458.7	27.7	11.3	-72.31	79.1	-117.7	1,274.7	1,237.8	36.86	34.587	
10,165.0	10,047.4	9,679.5	9,463.3	27.7	11.4	-71.57	87.3	-119.5	1,280.1	1,243.2	36.87	34.719	
10,200.0	10,076.8	9,702.0	9,474.0	27.7	11.4	-69.92	106.6	-123.6	1,292.4	1,255.5	36.91	35.018	
10,250.0	10,116.7	9,735.4	9,488.9	27.8	11.5	-67.72	135.9	-129.5	1,309.3	1,272.3	36.98	35.406	
10,260.0	10,124.4	9,742.2	9,491.8	27.8	11.5	-67.30	142.0	-130.7	1,312.6	1,275.6	37.00	35.479	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-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
6,700.0	6,597.9	7,017.9	6,867.8	26.0	28.2	-18.60	222.3	2,250.1	1,316.5	1,266.5	49.93	26.367	
6,745.0	6,642.7	7,060.3	6,909.0	26.1	28.4	-18.80	224.9	2,240.2	1,302.9	1,252.7	50.21	25.947	
6,800.0	6,697.5	7,112.5	6,959.6	26.4	28.6	-19.04	228.1	2,228.0	1,287.2	1,236.7	50.56	25.458	
6,840.0	6,737.4	7,150.7	6,996.7	26.5	28.8	-19.21	230.5	2,219.0	1,276.5	1,225.7	50.80	25.127	
6,900.0	6,797.4	7,208.2	7,052.5	26.7	29.1	-19.46	234.1	2,205.6	1,261.3	1,210.1	51.16	24.655	
6,935.0	6,832.4	7,241.9	7,085.2	26.8	29.3	-19.61	236.2	2,197.7	1,253.0	1,201.7	51.31	24.422	
6,996.6	6,894.0	7,301.6	7,143.1	26.9	29.6	74.67	239.9	2,183.8	1,239.4	1,187.8	51.57	24.033	
7,000.0	6,897.4	7,304.8	7,146.2	26.9	29.6	74.65	240.1	2,183.0	1,238.7	1,187.1	51.58	24.015	
7,030.0	6,927.4	7,333.9	7,174.5	26.9	29.7	74.48	241.9	2,176.2	1,232.4	1,180.7	51.67	23.850	
7,100.0	6,997.4	7,401.8	7,240.4	26.9	30.0	74.08	246.2	2,160.3	1,217.7	1,165.8	51.88	23.472	
7,125.0	7,022.4	7,426.1	7,263.9	26.9	30.2	73.93	247.7	2,154.7	1,212.5	1,160.5	51.95	23.338	
7,200.0	7,097.4	7,498.9	7,334.5	26.9	30.5	73.49	252.2	2,137.6	1,196.8	1,144.6	52.17	22.941	
7,220.0	7,117.4	7,508.6	7,343.9	26.9	30.6	73.43	252.8	2,135.4	1,192.7	1,140.4	52.26	22.824	
7,300.0	7,197.4	7,573.2	7,406.8	26.9	30.9	73.04	256.6	2,120.9	1,176.9	1,124.4	52.52	22.409	
7,315.0	7,212.4	7,584.0	7,417.4	27.0	30.9	72.98	257.2	2,118.7	1,174.1	1,121.5	52.57	22.333	
7,400.0	7,297.4	7,645.8	7,477.8	27.0	31.2	72.64	260.5	2,106.4	1,159.2	1,106.4	52.86	21.929	
7,410.0	7,307.4	7,653.1	7,485.0	27.0	31.3	72.61	260.9	2,105.0	1,157.6	1,104.7	52.89	21.885	
7,500.0	7,397.4	7,719.1	7,549.9	27.0	31.6	72.28	264.0	2,093.4	1,143.7	1,090.5	53.18	21.506	
7,505.0	7,402.4	7,722.8	7,553.6	27.0	31.6	72.26	264.1	2,092.8	1,143.0	1,089.8	53.20	21.487	
7,600.0	7,497.4	7,800.0	7,629.8	27.0	31.9	71.93	267.2	2,081.2	1,130.5	1,077.0	53.48	21.139	
7,695.0	7,592.4	7,863.9	7,693.2	27.1	32.2	71.70	269.4	2,073.2	1,119.9	1,066.2	53.74	20.839	
7,700.0	7,597.4	7,867.7	7,696.9	27.1	32.2	71.69	269.5	2,072.7	1,119.4	1,065.6	53.75	20.824	
7,790.0	7,687.4	7,935.1	7,764.0	27.1	32.5	71.48	271.3	2,065.7	1,111.3	1,057.3	53.99	20.586	
7,800.0	7,697.4	7,942.7	7,771.5	27.1	32.6	71.46	271.5	2,065.1	1,110.5	1,056.5	54.01	20.562	
7,885.0	7,782.4	8,000.0	7,828.6	27.1	32.8	71.33	272.7	2,060.5	1,104.8	1,050.6	54.20	20.384	
7,900.0	7,797.4	8,018.0	7,846.6	27.1	32.8	71.29	273.1	2,059.3	1,103.9	1,049.7	54.25	20.350	
7,980.0	7,877.4	8,078.5	7,907.0	27.1	33.1	71.19	273.9	2,056.0	1,100.2	1,045.8	54.42	20.218	
8,000.0	7,897.4	8,100.0	7,928.4	27.1	33.1	71.17	274.2	2,055.1	1,099.5	1,045.0	54.48	20.183	
8,075.0	7,972.4	8,150.5	7,978.9	27.2	33.2	71.12	274.5	2,053.7	1,097.6	1,043.0	54.54	20.123	
8,100.0	7,997.4	8,169.5	7,997.9	27.2	33.3	71.11	274.6	2,053.4	1,097.2	1,042.7	54.57	20.107	
8,170.0	8,067.4	8,227.0	8,055.5	27.2	33.3	71.11	274.7	2,053.1	1,096.9	1,042.3	54.63	20.078	
8,200.0	8,097.4	8,257.0	8,085.5	27.2	33.3	71.11	274.7	2,053.1	1,096.9	1,042.3	54.65	20.072	
8,265.0	8,162.4	8,322.0	8,150.5	27.2	33.4	71.11	274.7	2,053.1	1,096.9	1,042.3	54.69	20.058	
8,300.0	8,197.4	8,357.0	8,185.5	27.2	33.4	71.11	274.7	2,053.1	1,096.9	1,042.2	54.71	20.050	
8,360.0	8,257.4	8,417.0	8,245.5	27.2	33.4	71.11	274.7	2,053.1	1,096.9	1,042.2	54.75	20.037	
8,400.0	8,297.4	8,457.0	8,285.5	27.3	33.4	71.11	274.7	2,053.1	1,096.9	1,042.2	54.77	20.028	
8,455.0	8,352.4	8,512.0	8,340.5	27.3	33.4	71.11	274.7	2,053.1	1,096.9	1,042.1	54.81	20.015	
8,500.0	8,397.4	8,557.0	8,385.5	27.3	33.4	71.11	274.7	2,053.1	1,096.9	1,042.1	54.83	20.005	
8,550.0	8,447.4	8,607.0	8,435.5	27.3	33.4	71.11	274.7	2,053.1	1,096.9	1,042.1	54.86	19.994	
8,600.0	8,497.4	8,657.0	8,485.5	27.3	33.4	71.11	274.7	2,053.1	1,096.9	1,042.0	54.90	19.982	
8,645.0	8,542.4	8,702.0	8,530.5	27.3	33.5	71.11	274.7	2,053.1	1,096.9	1,042.0	54.92	19.972	
8,700.0	8,597.4	8,757.0	8,585.5	27.3	33.5	71.11	274.7	2,053.1	1,096.9	1,042.0	54.96	19.959	
8,740.0	8,637.4	8,797.0	8,625.5	27.4	33.5	71.11	274.7	2,053.1	1,096.9	1,042.0	54.98	19.950	
8,800.0	8,697.4	8,857.0	8,685.5	27.4	33.5	71.11	274.7	2,053.1	1,096.9	1,041.9	55.02	19.936	
8,835.0	8,732.4	8,892.0	8,720.5	27.4	33.5	71.11	274.7	2,053.1	1,096.9	1,041.9	55.04	19.928	
8,900.0	8,797.4	8,957.0	8,785.5	27.4	33.5	71.11	274.7	2,053.1	1,096.9	1,041.9	55.09	19.913	
8,930.0	8,827.4	8,987.0	8,815.5	27.4	33.5	71.11	274.7	2,053.1	1,096.9	1,041.8	55.10	19.906	
9,000.0	8,897.4	9,057.0	8,885.5	27.4	33.6	71.11	274.7	2,053.1	1,096.9	1,041.8	55.15	19.890	
9,025.0	8,922.4	9,082.0	8,910.5	27.4	33.6	71.11	274.7	2,053.1	1,096.9	1,041.8	55.17	19.884	
9,100.0	8,997.4	9,157.0	8,985.5	27.5	33.6	71.11	274.7	2,053.1	1,096.9	1,041.7	55.21	19.867	
9,120.0	9,017.4	9,177.0	9,005.5	27.5	33.6	71.11	274.7	2,053.1	1,096.9	1,041.7	55.23	19.862	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-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
9,200.0	9,097.4	9,257.0	9,085.5	27.5	33.6	71.11	274.7	2,053.1	1,096.9	1,041.7	55.28	19.844	
9,215.0	9,112.4	9,272.0	9,100.5	27.5	33.6	71.11	274.7	2,053.1	1,096.9	1,041.7	55.29	19.840	
9,300.0	9,197.4	9,357.0	9,185.5	27.5	33.6	71.11	274.7	2,053.1	1,096.9	1,041.6	55.34	19.820	
9,310.0	9,207.4	9,367.0	9,195.5	27.5	33.6	71.11	274.7	2,053.1	1,096.9	1,041.6	55.35	19.818	
9,400.0	9,297.4	9,457.0	9,285.5	27.6	33.7	71.11	274.7	2,053.1	1,096.9	1,041.5	55.41	19.797	
9,405.0	9,302.4	9,462.0	9,290.5	27.6	33.7	71.11	274.7	2,053.1	1,096.9	1,041.5	55.41	19.796	
9,500.0	9,397.4	9,557.0	9,385.5	27.6	33.7	71.11	274.7	2,053.1	1,096.9	1,041.5	55.48	19.773	
9,595.0	9,492.4	9,652.0	9,480.5	27.6	33.7	71.11	274.7	2,053.1	1,096.9	1,041.4	55.54	19.751	
9,600.0	9,497.4	9,657.0	9,485.5	27.6	33.7	71.11	274.7	2,053.1	1,096.9	1,041.4	55.54	19.750	
9,690.0	9,587.4	9,747.0	9,575.5	27.7	33.7	71.11	274.7	2,053.1	1,096.9	1,041.3	55.60	19.728	
9,700.0	9,597.4	9,757.0	9,585.5	27.7	33.7	71.11	274.7	2,053.1	1,096.9	1,041.3	55.61	19.726	
9,785.0	9,682.4	9,842.0	9,670.5	27.7	33.8	71.11	274.7	2,053.1	1,096.9	1,041.3	55.67	19.706	
9,800.0	9,697.4	9,857.0	9,685.5	27.7	33.8	71.11	274.7	2,053.1	1,096.9	1,041.3	55.68	19.702	
9,854.7	9,752.0	9,911.7	9,740.1	27.7	33.8	71.11	274.7	2,053.1	1,096.9	1,041.2	55.70	19.693	
9,880.0	9,777.4	9,934.6	9,763.0	27.7	33.8	71.28	274.7	2,053.1	1,096.8	1,041.1	55.71	19.686	
9,900.0	9,797.3	9,950.0	9,778.4	27.7	33.8	71.34	274.9	2,053.1	1,096.5	1,040.7	55.72	19.677	
9,950.0	9,846.9	9,979.4	9,807.8	27.7	33.8	71.56	276.4	2,053.1	1,095.3	1,039.5	55.77	19.639	
9,975.0	9,871.5	10,000.0	9,828.3	27.7	33.8	71.73	278.4	2,053.1	1,094.6	1,038.8	55.82	19.610	
10,000.0	9,895.8	10,010.5	9,838.7	27.7	33.8	71.87	279.7	2,053.1	1,093.7	1,037.8	55.86	19.578	
10,050.0	9,943.6	10,050.0	9,877.6	27.7	33.8	72.35	286.3	2,053.1	1,091.6	1,035.6	55.99	19.496	
10,070.0	9,962.3	10,050.0	9,877.6	27.7	33.8	72.45	286.3	2,053.1	1,090.6	1,034.5	56.05	19.458	
10,100.0	9,989.9	10,072.8	9,899.8	27.7	33.8	72.80	291.3	2,053.1	1,089.0	1,032.8	56.15	19.393	
10,150.0	10,034.5	10,100.0	9,926.1	27.7	33.8	73.36	298.4	2,053.1	1,086.0	1,029.6	56.35	19.271	
10,165.0	10,047.4	10,113.5	9,939.0	27.7	33.8	73.61	302.4	2,053.1	1,085.0	1,028.6	56.42	19.232	
10,200.0	10,076.8	10,135.6	9,959.9	27.7	33.8	74.10	309.6	2,053.1	1,082.6	1,026.0	56.58	19.133	
10,250.0	10,116.7	10,167.2	9,989.3	27.8	33.8	74.89	321.3	2,053.0	1,079.0	1,022.1	56.85	18.980	
10,260.0	10,124.4	10,173.6	9,995.2	27.8	33.8	75.05	323.8	2,053.0	1,078.2	1,021.3	56.90	18.948	
10,300.0	10,153.9	10,200.0	10,019.0	27.8	33.8	75.77	335.1	2,053.0	1,075.1	1,017.9	57.14	18.816	
10,350.0	10,187.9	10,231.3	10,046.6	27.8	33.8	76.69	349.8	2,053.0	1,071.0	1,013.5	57.46	18.641	
10,355.0	10,191.2	10,234.5	10,049.4	27.8	33.8	76.79	351.4	2,053.0	1,070.6	1,013.1	57.49	18.623	
10,400.0	10,218.7	10,263.7	10,074.4	27.8	33.8	77.70	366.6	2,053.0	1,066.8	1,009.0	57.79	18.459	
10,450.0	10,245.9	10,300.0	10,104.2	27.8	33.8	78.85	387.3	2,052.9	1,062.6	1,004.5	58.14	18.277	
10,500.0	10,269.3	10,329.7	10,127.6	27.9	33.9	79.91	405.6	2,052.9	1,058.5	1,000.0	58.52	18.087	
10,545.0	10,287.1	10,360.0	10,150.4	27.9	33.9	80.97	425.4	2,052.8	1,054.9	996.1	58.86	17.921	
10,550.0	10,288.8	10,363.4	10,152.9	27.9	33.9	81.09	427.7	2,052.8	1,054.5	995.6	58.90	17.903	
10,600.0	10,304.2	10,400.0	10,178.9	27.9	33.9	82.37	453.5	2,052.8	1,050.8	991.5	59.27	17.728	
10,640.0	10,313.6	10,425.3	10,195.9	28.0	33.9	83.31	472.3	2,052.8	1,048.1	988.5	59.59	17.588	
10,650.0	10,315.5	10,432.3	10,200.5	28.0	33.9	83.56	477.6	2,052.7	1,047.4	987.8	59.66	17.555	
10,700.0	10,322.4	10,467.8	10,222.5	28.0	33.9	84.84	505.4	2,052.7	1,044.5	984.4	60.04	17.398	
10,735.0	10,324.7	10,493.2	10,237.2	28.1	33.9	85.75	526.0	2,052.6	1,042.7	982.4	60.29	17.296	
10,752.7	10,325.0	10,506.1	10,244.4	28.1	33.9	86.21	536.9	2,052.6	1,041.9	981.5	60.41	17.248	
10,800.0	10,325.2	10,542.3	10,263.1	28.1	33.9	87.23	567.9	2,052.6	1,040.3	979.6	60.71	17.136	
10,830.0	10,325.3	10,566.7	10,274.5	28.2	33.9	87.85	589.4	2,052.5	1,039.6	978.8	60.88	17.076	
10,900.0	10,325.5	10,627.8	10,299.1	28.3	34.0	89.20	645.3	2,052.4	1,038.9	977.7	61.22	16.969	
10,925.0	10,325.6	10,650.9	10,306.8	28.3	34.0	89.62	667.1	2,052.4	1,038.8	977.5	61.33	16.938	
10,945.6	10,325.7	10,670.4	10,312.6	28.4	34.0	89.94	685.7	2,052.3	1,038.8	977.4	61.41	16.916 CC	
11,000.0	10,325.8	10,723.9	10,325.3	28.5	34.0	90.63	737.6	2,052.2	1,038.9	977.3	61.60	16.865	
11,020.0	10,325.9	10,744.0	10,328.9	28.5	34.1	90.82	757.4	2,052.2	1,038.9	977.2	61.66	16.848	
11,100.0	10,326.2	10,826.5	10,335.9	28.6	34.1	91.19	839.5	2,052.0	1,039.0	977.1	61.90	16.786	
11,115.0	10,326.2	10,841.7	10,336.0	28.7	34.1	91.20	854.7	2,052.0	1,039.1	977.1	61.95	16.773	
11,200.0	10,326.5	10,926.7	10,336.4	28.8	34.2	91.20	939.7	2,051.8	1,039.1	976.8	62.24	16.695	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-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
11,210.0	10,326.6	10,936.7	10,336.4	28.9	34.2	91.20	949.7	2,051.8	1,039.1	976.8	62.28	16.685	
11,300.0	10,326.9	11,026.7	10,336.8	29.1	34.4	91.20	1,039.7	2,051.6	1,039.1	976.5	62.62	16.594	
11,305.0	10,326.9	11,031.7	10,336.8	29.1	34.4	91.20	1,044.7	2,051.6	1,039.1	976.5	62.64	16.589	
11,400.0	10,327.2	11,126.7	10,337.2	29.3	34.5	91.21	1,139.7	2,051.5	1,039.1	976.1	63.03	16.486	
11,495.0	10,327.5	11,221.7	10,337.6	29.5	34.6	91.21	1,234.7	2,051.3	1,039.2	975.7	63.46	16.376	
11,500.0	10,327.6	11,226.7	10,337.6	29.6	34.7	91.21	1,239.7	2,051.3	1,039.2	975.7	63.48	16.370	
11,590.0	10,327.9	11,316.7	10,338.0	29.8	34.8	91.22	1,329.7	2,051.1	1,039.2	975.3	63.91	16.260	
11,600.0	10,327.9	11,326.7	10,338.0	29.8	34.8	91.22	1,339.7	2,051.1	1,039.2	975.3	63.96	16.247	
11,685.0	10,328.2	11,411.7	10,338.4	30.1	35.0	91.22	1,424.7	2,050.9	1,039.2	974.8	64.40	16.138	
11,700.0	10,328.2	11,426.7	10,338.5	30.1	35.0	91.22	1,439.7	2,050.9	1,039.2	974.8	64.48	16.118	
11,780.0	10,328.5	11,506.7	10,338.8	30.4	35.2	91.22	1,519.7	2,050.7	1,039.3	974.4	64.91	16.011	
11,800.0	10,328.6	11,526.7	10,338.9	30.4	35.2	91.22	1,539.7	2,050.7	1,039.3	974.3	65.02	15.983	
11,875.0	10,328.8	11,601.7	10,339.2	30.7	35.4	91.23	1,614.7	2,050.5	1,039.3	973.9	65.45	15.879	
11,900.0	10,328.9	11,626.7	10,339.3	30.8	35.5	91.23	1,639.7	2,050.5	1,039.3	973.7	65.60	15.843	
11,970.0	10,329.2	11,696.7	10,339.6	31.0	35.6	91.23	1,709.7	2,050.3	1,039.3	973.3	66.02	15.742	
12,000.0	10,329.3	11,726.7	10,339.7	31.1	35.7	91.23	1,739.7	2,050.3	1,039.3	973.1	66.21	15.698	
12,065.0	10,329.5	11,791.7	10,340.0	31.3	35.9	91.23	1,804.7	2,050.2	1,039.4	972.7	66.62	15.602	
12,100.0	10,329.6	11,826.7	10,340.1	31.5	36.0	91.24	1,839.7	2,050.1	1,039.4	972.5	66.84	15.549	
12,160.0	10,329.8	11,886.7	10,340.4	31.7	36.1	91.24	1,899.7	2,050.0	1,039.4	972.2	67.24	15.458	
12,200.0	10,330.0	11,926.7	10,340.5	31.8	36.2	91.24	1,939.7	2,049.9	1,039.4	971.9	67.51	15.397	
12,255.0	10,330.1	11,981.7	10,340.8	32.0	36.4	91.24	1,994.7	2,049.8	1,039.4	971.5	67.89	15.311	
12,300.0	10,330.3	12,026.7	10,341.0	32.2	36.5	91.24	2,039.7	2,049.7	1,039.4	971.2	68.20	15.241	
12,350.0	10,330.5	12,076.7	10,341.2	32.4	36.7	91.25	2,089.7	2,049.6	1,039.5	970.9	68.56	15.161	
12,400.0	10,330.6	12,126.7	10,341.4	32.6	36.8	91.25	2,139.7	2,049.5	1,039.5	970.6	68.92	15.082	
12,445.0	10,330.8	12,171.7	10,341.6	32.8	37.0	91.25	2,184.7	2,049.4	1,039.5	970.2	69.26	15.010	
12,500.0	10,331.0	12,226.7	10,341.8	33.0	37.1	91.25	2,239.7	2,049.3	1,039.5	969.8	69.67	14.921	
12,540.0	10,331.1	12,266.7	10,341.9	33.2	37.3	91.25	2,279.7	2,049.2	1,039.5	969.6	69.97	14.856	
12,600.0	10,331.3	12,326.7	10,342.2	33.4	37.5	91.26	2,339.7	2,049.1	1,039.5	969.1	70.44	14.758	
12,635.0	10,331.4	12,361.7	10,342.3	33.6	37.6	91.26	2,374.7	2,049.0	1,039.6	968.8	70.72	14.701	
12,700.0	10,331.7	12,426.7	10,342.6	33.8	37.8	91.26	2,439.7	2,048.9	1,039.6	968.3	71.23	14.594	
12,730.0	10,331.8	12,456.7	10,342.7	34.0	37.9	91.26	2,469.7	2,048.9	1,039.6	968.1	71.48	14.544	
12,800.0	10,332.0	12,526.7	10,343.0	34.3	38.2	91.26	2,539.7	2,048.7	1,039.6	967.6	72.05	14.429	
12,825.0	10,332.1	12,551.7	10,343.1	34.4	38.3	91.26	2,564.7	2,048.7	1,039.6	967.4	72.26	14.387	
12,900.0	10,332.3	12,626.7	10,343.4	34.7	38.5	91.27	2,639.7	2,048.5	1,039.6	966.8	72.89	14.263	
12,920.0	10,332.4	12,646.7	10,343.5	34.8	38.6	91.27	2,659.7	2,048.5	1,039.7	966.6	73.07	14.229	
13,000.0	10,332.7	12,726.7	10,343.9	35.2	38.9	91.27	2,739.7	2,048.3	1,039.7	965.9	73.76	14.096	
13,015.0	10,332.7	12,741.7	10,343.9	35.3	39.0	91.27	2,754.7	2,048.3	1,039.7	965.8	73.89	14.071	
13,100.0	10,333.0	12,826.7	10,344.3	35.7	39.3	91.28	2,839.7	2,048.1	1,039.7	965.1	74.64	13.929	
13,110.0	10,333.1	12,836.7	10,344.3	35.7	39.3	91.28	2,849.7	2,048.1	1,039.7	965.0	74.73	13.913	
13,200.0	10,333.4	12,926.7	10,344.7	36.2	39.7	91.28	2,939.7	2,047.9	1,039.7	964.2	75.55	13.763	
13,205.0	10,333.4	12,931.7	10,344.7	36.2	39.7	91.28	2,944.7	2,047.9	1,039.7	964.2	75.59	13.755	
13,300.0	10,333.7	13,026.7	10,345.1	36.7	40.1	91.28	3,039.7	2,047.7	1,039.8	963.3	76.47	13.597	
13,395.0	10,334.0	13,121.7	10,345.5	37.1	40.5	91.29	3,134.7	2,047.6	1,039.8	962.4	77.37	13.440	
13,400.0	10,334.1	13,126.7	10,345.5	37.2	40.6	91.29	3,139.7	2,047.6	1,039.8	962.4	77.41	13.432	
13,490.0	10,334.4	13,216.7	10,345.9	37.6	41.0	91.29	3,229.7	2,047.4	1,039.8	961.6	78.28	13.284	
13,500.0	10,334.4	13,226.7	10,345.9	37.7	41.0	91.29	3,239.7	2,047.4	1,039.8	961.5	78.38	13.267	
13,585.0	10,334.7	13,311.7	10,346.3	38.1	41.4	91.29	3,324.7	2,047.2	1,039.9	960.7	79.21	13.128	
13,600.0	10,334.7	13,326.7	10,346.3	38.2	41.4	91.29	3,339.7	2,047.2	1,039.9	960.5	79.36	13.104	
13,680.0	10,335.0	13,406.7	10,346.7	38.6	41.8	91.30	3,419.7	2,047.0	1,039.9	959.8	80.15	12.974	
13,700.0	10,335.1	13,426.7	10,346.8	38.7	41.9	91.30	3,439.7	2,047.0	1,039.9	959.6	80.35	12.942	
13,775.0	10,335.3	13,501.7	10,347.1	39.1	42.3	91.30	3,514.7	2,046.8	1,039.9	958.8	81.11	12.821	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,800.0	10,335.4	13,526.7	10,347.2	39.2	42.4	91.30	3,539.7	2,046.8	1,039.9	958.6	81.37	12.781	
13,870.0	10,335.7	13,596.7	10,347.5	39.6	42.7	91.31	3,609.7	2,046.6	1,040.0	957.9	82.08	12.669	
13,900.0	10,335.8	13,626.7	10,347.6	39.8	42.9	91.31	3,639.7	2,046.6	1,040.0	957.6	82.39	12.622	
13,965.0	10,336.0	13,691.7	10,347.9	40.1	43.2	91.31	3,704.7	2,046.4	1,040.0	956.9	83.07	12.519	
14,000.0	10,336.1	13,726.7	10,348.0	40.3	43.3	91.31	3,739.7	2,046.4	1,040.0	956.6	83.44	12.464	
14,060.0	10,336.3	13,786.7	10,348.2	40.7	43.6	91.31	3,799.7	2,046.3	1,040.0	956.0	84.07	12.371	
14,100.0	10,336.5	13,826.7	10,348.4	40.9	43.8	91.31	3,839.7	2,046.2	1,040.0	955.5	84.50	12.309	
14,155.0	10,336.6	13,881.7	10,348.6	41.2	44.1	91.32	3,894.7	2,046.1	1,040.1	955.0	85.09	12.224	
14,200.0	10,336.8	13,926.7	10,348.8	41.4	44.3	91.32	3,939.7	2,046.0	1,040.1	954.5	85.57	12.155	
14,250.0	10,337.0	13,976.7	10,349.0	41.7	44.6	91.32	3,989.7	2,045.9	1,040.1	954.0	86.11	12.078	
14,300.0	10,337.1	14,026.7	10,349.2	42.0	44.9	91.32	4,039.7	2,045.8	1,040.1	953.5	86.66	12.003	
14,345.0	10,337.3	14,071.7	10,349.4	42.3	45.1	91.32	4,084.7	2,045.7	1,040.1	953.0	87.15	11.935	
14,400.0	10,337.5	14,126.7	10,349.7	42.6	45.4	91.33	4,139.7	2,045.6	1,040.1	952.4	87.76	11.853	
14,440.0	10,337.6	14,166.7	10,349.8	42.8	45.6	91.33	4,179.7	2,045.5	1,040.2	952.0	88.20	11.793	
14,500.0	10,337.8	14,226.7	10,350.1	43.2	45.9	91.33	4,239.7	2,045.4	1,040.2	951.3	88.87	11.705	
14,535.0	10,337.9	14,261.7	10,350.2	43.4	46.1	91.33	4,274.7	2,045.3	1,040.2	950.9	89.26	11.653	
14,600.0	10,338.2	14,326.7	10,350.5	43.8	46.4	91.33	4,339.7	2,045.2	1,040.2	950.2	89.99	11.559	
14,630.0	10,338.3	14,356.7	10,350.6	43.9	46.6	91.34	4,369.7	2,045.2	1,040.2	949.9	90.33	11.516	
14,700.0	10,338.5	14,426.7	10,350.9	44.3	47.0	91.34	4,439.7	2,045.0	1,040.2	949.1	91.13	11.415	
14,725.0	10,338.6	14,451.7	10,351.0	44.5	47.1	91.34	4,464.7	2,045.0	1,040.3	948.8	91.41	11.380	
14,800.0	10,338.8	14,526.7	10,351.3	44.9	47.5	91.34	4,539.7	2,044.8	1,040.3	948.0	92.27	11.274	
14,820.0	10,338.9	14,546.7	10,351.4	45.1	47.6	91.34	4,559.7	2,044.8	1,040.3	947.8	92.51	11.246	
14,900.0	10,339.2	14,626.7	10,351.7	45.5	48.1	91.35	4,639.7	2,044.6	1,040.3	946.9	93.43	11.134	
14,915.0	10,339.2	14,641.7	10,351.8	45.6	48.2	91.35	4,654.7	2,044.6	1,040.3	946.7	93.61	11.114	
15,000.0	10,339.5	14,726.7	10,352.1	46.1	48.6	91.35	4,739.7	2,044.4	1,040.3	945.7	94.60	10.997	
15,010.0	10,339.6	14,736.7	10,352.2	46.2	48.7	91.35	4,749.7	2,044.4	1,040.3	945.6	94.72	10.984	
15,100.0	10,339.9	14,826.7	10,352.6	46.8	49.2	91.35	4,839.7	2,044.2	1,040.4	944.6	95.78	10.862	
15,105.0	10,339.9	14,831.7	10,352.6	46.8	49.2	91.35	4,844.7	2,044.2	1,040.4	944.5	95.84	10.856	
15,200.0	10,340.2	14,926.7	10,353.0	47.4	49.8	91.36	4,939.7	2,044.0	1,040.4	943.4	96.97	10.730	
15,295.0	10,340.5	15,021.7	10,353.4	48.0	50.3	91.36	5,034.7	2,043.9	1,040.4	942.3	98.10	10.606	
15,300.0	10,340.6	15,026.7	10,353.4	48.0	50.3	91.36	5,039.7	2,043.8	1,040.4	942.3	98.16	10.599	
15,390.0	10,340.9	15,116.7	10,353.8	48.6	50.9	91.37	5,129.7	2,043.7	1,040.5	941.2	99.25	10.484	
15,400.0	10,340.9	15,126.7	10,353.8	48.6	50.9	91.37	5,139.7	2,043.6	1,040.5	941.1	99.37	10.471	
15,485.0	10,341.2	15,211.7	10,354.2	49.1	51.4	91.37	5,224.6	2,043.5	1,040.5	940.1	100.40	10.364	
15,500.0	10,341.2	15,226.7	10,354.2	49.2	51.5	91.37	5,239.6	2,043.5	1,040.5	939.9	100.58	10.345	
15,580.0	10,341.5	15,306.7	10,354.5	49.7	52.0	91.37	5,319.6	2,043.3	1,040.5	939.0	101.56	10.245	
15,600.0	10,341.6	15,326.7	10,354.6	49.9	52.1	91.37	5,339.6	2,043.3	1,040.5	938.7	101.81	10.221	
15,675.0	10,341.8	15,401.7	10,354.9	50.3	52.5	91.38	5,414.6	2,043.1	1,040.6	937.8	102.73	10.129	
15,700.0	10,341.9	15,426.7	10,355.0	50.5	52.7	91.38	5,439.6	2,043.1	1,040.6	937.5	103.04	10.099	
15,770.0	10,342.2	15,496.7	10,355.3	51.0	53.1	91.38	5,509.6	2,042.9	1,040.6	936.7	103.90	10.015	
15,800.0	10,342.3	15,526.7	10,355.5	51.1	53.3	91.38	5,539.6	2,042.9	1,040.6	936.3	104.28	9.979	
15,865.0	10,342.5	15,591.7	10,355.7	51.6	53.7	91.38	5,604.6	2,042.7	1,040.6	935.5	105.09	9.903	
15,900.0	10,342.6	15,626.7	10,355.9	51.8	53.9	91.39	5,639.6	2,042.7	1,040.6	935.1	105.52	9.862	
15,960.0	10,342.8	15,686.7	10,356.1	52.2	54.3	91.39	5,699.6	2,042.6	1,040.7	934.4	106.28	9.792	
16,000.0	10,343.0	15,726.7	10,356.3	52.4	54.5	91.39	5,739.6	2,042.5	1,040.7	933.9	106.78	9.746	
16,055.0	10,343.1	15,781.7	10,356.5	52.8	54.8	91.39	5,794.6	2,042.4	1,040.7	933.2	107.47	9.684	
16,100.0	10,343.3	15,826.7	10,356.7	53.1	55.1	91.39	5,839.6	2,042.3	1,040.7	932.7	108.04	9.633	
16,150.0	10,343.5	15,876.7	10,356.9	53.4	55.4	91.40	5,889.6	2,042.2	1,040.7	932.1	108.67	9.577	
16,200.0	10,343.6	15,926.7	10,357.1	53.7	55.7	91.40	5,939.6	2,042.1	1,040.7	931.4	109.31	9.521	
16,245.0	10,343.8	15,971.7	10,357.3	54.0	56.0	91.40	5,984.6	2,042.0	1,040.8	930.9	109.88	9.472	
16,300.0	10,344.0	16,026.7	10,357.5	54.4	56.4	91.40	6,039.6	2,041.9	1,040.8	930.2	110.58	9.412	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-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
16,340.0	10,344.1	16,066.7	10,357.7	54.6	56.6	91.40	6,079.6	2,041.8	1,040.8	929.7	111.09	9.369	
16,400.0	10,344.3	16,126.7	10,357.9	55.0	57.0	91.41	6,139.6	2,041.7	1,040.8	929.0	111.86	9.305	
16,435.0	10,344.4	16,161.7	10,358.1	55.3	57.2	91.41	6,174.6	2,041.6	1,040.8	928.5	112.31	9.267	
16,500.0	10,344.7	16,226.7	10,358.4	55.7	57.6	91.41	6,239.6	2,041.5	1,040.8	927.7	113.15	9.199	
16,530.0	10,344.8	16,256.7	10,358.5	55.9	57.8	91.41	6,269.6	2,041.4	1,040.9	927.3	113.53	9.168	
16,600.0	10,345.0	16,326.7	10,358.8	56.4	58.2	91.41	6,339.6	2,041.3	1,040.9	926.4	114.44	9.095	
16,625.0	10,345.1	16,351.7	10,358.9	56.5	58.4	91.41	6,364.6	2,041.3	1,040.9	926.1	114.76	9.070	
16,700.0	10,345.3	16,426.7	10,359.2	57.0	58.9	91.42	6,439.6	2,041.1	1,040.9	925.2	115.74	8.994	
16,720.0	10,345.4	16,446.7	10,359.3	57.2	59.0	91.42	6,459.6	2,041.1	1,040.9	924.9	116.00	8.974	
16,800.0	10,345.7	16,526.7	10,359.6	57.7	59.5	91.42	6,539.6	2,040.9	1,040.9	923.9	117.04	8.894	
16,815.0	10,345.7	16,541.7	10,359.7	57.8	59.6	91.42	6,554.6	2,040.9	1,040.9	923.7	117.24	8.879	
16,900.0	10,346.0	16,626.7	10,360.0	58.4	60.1	91.43	6,639.6	2,040.7	1,041.0	922.6	118.35	8.796	
16,910.0	10,346.1	16,636.7	10,360.1	58.4	60.2	91.43	6,649.6	2,040.7	1,041.0	922.5	118.48	8.786	
17,000.0	10,346.4	16,726.7	10,360.4	59.0	60.8	91.43	6,739.6	2,040.5	1,041.0	921.3	119.66	8.700	
17,005.0	10,346.4	16,731.7	10,360.5	59.1	60.8	91.43	6,744.6	2,040.5	1,041.0	921.3	119.73	8.695	
17,100.0	10,346.7	16,826.7	10,360.8	59.7	61.4	91.43	6,839.6	2,040.3	1,041.0	920.1	120.98	8.605	
17,195.0	10,347.0	16,921.7	10,361.2	60.3	62.0	91.44	6,934.6	2,040.1	1,041.1	918.8	122.24	8.517	
17,200.0	10,347.1	16,926.7	10,361.3	60.4	62.1	91.44	6,939.6	2,040.1	1,041.1	918.8	122.31	8.512	
17,290.0	10,347.4	17,016.7	10,361.6	61.0	62.7	91.44	7,029.6	2,040.0	1,041.1	917.6	123.50	8.430	
17,300.0	10,347.4	17,026.7	10,361.7	61.0	62.7	91.44	7,039.6	2,039.9	1,041.1	917.5	123.63	8.421	
17,385.0	10,347.7	17,111.7	10,362.0	61.6	63.3	91.44	7,124.6	2,039.8	1,041.1	916.4	124.77	8.345	
17,400.0	10,347.7	17,126.7	10,362.1	61.7	63.4	91.44	7,139.6	2,039.7	1,041.1	916.2	124.97	8.331	
17,480.0	10,348.0	17,206.7	10,362.4	62.3	63.9	91.45	7,219.6	2,039.6	1,041.2	915.1	126.04	8.261	
17,500.0	10,348.1	17,226.7	10,362.5	62.4	64.0	91.45	7,239.6	2,039.6	1,041.2	914.9	126.30	8.243	
17,575.0	10,348.3	17,301.7	10,362.8	62.9	64.5	91.45	7,314.6	2,039.4	1,041.2	913.9	127.31	8.178	
17,600.0	10,348.4	17,326.7	10,362.9	63.1	64.7	91.45	7,339.6	2,039.4	1,041.2	913.6	127.65	8.157	
17,670.0	10,348.7	17,396.7	10,363.2	63.6	65.2	91.46	7,409.6	2,039.2	1,041.2	912.6	128.59	8.097	
17,700.0	10,348.8	17,426.7	10,363.3	63.8	65.4	91.46	7,439.6	2,039.2	1,041.2	912.3	128.99	8.072	
17,765.0	10,349.0	17,491.7	10,363.6	64.2	65.8	91.46	7,504.6	2,039.0	1,041.3	911.4	129.87	8.018	
17,800.0	10,349.1	17,526.7	10,363.8	64.5	66.0	91.46	7,539.6	2,039.0	1,041.3	910.9	130.34	7.989	
17,860.0	10,349.3	17,586.7	10,364.0	64.9	66.4	91.46	7,599.6	2,038.8	1,041.3	910.1	131.15	7.940	
17,900.0	10,349.5	17,626.7	10,364.2	65.2	66.7	91.46	7,639.6	2,038.8	1,041.3	909.6	131.70	7.907	
17,955.0	10,349.6	17,681.7	10,364.4	65.5	67.1	91.47	7,694.6	2,038.7	1,041.3	908.9	132.44	7.863	
18,000.0	10,349.8	17,726.7	10,364.6	65.8	67.4	91.47	7,739.6	2,038.6	1,041.3	908.3	133.05	7.827	
18,050.0	10,350.0	17,776.7	10,364.8	66.2	67.7	91.47	7,789.6	2,038.5	1,041.4	907.6	133.73	7.787	
18,100.0	10,350.1	17,826.7	10,365.0	66.5	68.0	91.47	7,839.6	2,038.4	1,041.4	907.0	134.41	7.748	
18,145.0	10,350.3	17,871.7	10,365.2	66.8	68.3	91.47	7,884.6	2,038.3	1,041.4	906.4	135.03	7.712	
18,200.0	10,350.5	17,926.7	10,365.4	67.2	68.7	91.48	7,939.6	2,038.2	1,041.4	905.6	135.78	7.670	
18,240.0	10,350.6	17,966.7	10,365.6	67.5	69.0	91.48	7,979.6	2,038.1	1,041.4	905.1	136.32	7.639	
18,300.0	10,350.8	18,026.7	10,365.8	67.9	69.4	91.48	8,039.6	2,038.0	1,041.4	904.3	137.15	7.594	
18,335.0	10,350.9	18,061.7	10,366.0	68.2	69.6	91.48	8,074.6	2,037.9	1,041.5	903.8	137.63	7.567	
18,400.0	10,351.2	18,126.7	10,366.2	68.6	70.0	91.48	8,139.6	2,037.8	1,041.5	903.0	138.52	7.519	
18,430.0	10,351.3	18,156.7	10,366.4	68.8	70.2	91.49	8,169.6	2,037.7	1,041.5	902.6	138.93	7.497	
18,500.0	10,351.5	18,226.7	10,366.7	69.3	70.7	91.49	8,239.6	2,037.6	1,041.5	901.6	139.89	7.445	
18,525.0	10,351.6	18,251.7	10,366.8	69.5	70.9	91.49	8,264.6	2,037.6	1,041.5	901.3	140.24	7.427	
18,600.0	10,351.8	18,326.7	10,367.1	70.0	71.4	91.49	8,339.6	2,037.4	1,041.5	900.3	141.27	7.373	
18,620.0	10,351.9	18,346.7	10,367.2	70.2	71.5	91.49	8,359.6	2,037.4	1,041.6	900.0	141.54	7.358	
18,700.0	10,352.2	18,426.7	10,367.5	70.7	72.1	91.50	8,439.6	2,037.2	1,041.6	898.9	142.65	7.302	
18,715.0	10,352.2	18,441.7	10,367.5	70.8	72.2	91.50	8,454.6	2,037.2	1,041.6	898.7	142.86	7.291	
18,800.0	10,352.5	18,526.7	10,367.9	71.4	72.8	91.50	8,539.6	2,037.0	1,041.6	897.6	144.03	7.232	
18,810.0	10,352.6	18,536.7	10,367.9	71.5	72.8	91.50	8,549.6	2,037.0	1,041.6	897.4	144.17	7.225	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-r.5 MWD+IFR1+MS — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
18,900.0	10,352.9	18,626.7	10,368.3	72.1	73.4	91.50	8,639.6	2,036.8	1,041.6	896.2	145.42	7.163	
18,905.0	10,352.9	18,631.7	10,368.3	72.2	73.5	91.50	8,644.6	2,036.8	1,041.6	896.2	145.49	7.160	
19,000.0	10,353.2	18,726.7	10,368.7	72.8	74.1	91.51	8,739.6	2,036.6	1,041.7	894.9	146.81	7.096	
19,095.0	10,353.5	18,821.7	10,369.1	73.5	74.8	91.51	8,834.6	2,036.4	1,041.7	893.6	148.13	7.032	
19,100.0	10,353.6	18,826.7	10,369.1	73.5	74.8	91.51	8,839.6	2,036.4	1,041.7	893.5	148.20	7.029	
19,190.0	10,353.9	18,916.7	10,369.5	74.2	75.4	91.52	8,929.6	2,036.3	1,041.7	892.3	149.45	6.970	
19,200.0	10,353.9	18,926.7	10,369.6	74.2	75.5	91.52	8,939.6	2,036.2	1,041.7	892.2	149.59	6.964	
19,285.0	10,354.2	19,011.7	10,369.9	74.8	76.1	91.52	9,024.6	2,036.1	1,041.8	891.0	150.78	6.909	
19,300.0	10,354.2	19,026.7	10,370.0	74.9	76.2	91.52	9,039.6	2,036.0	1,041.8	890.8	150.99	6.900	
19,380.0	10,354.5	19,106.7	10,370.3	75.5	76.7	91.52	9,119.6	2,035.9	1,041.8	889.7	152.11	6.849	
19,400.0	10,354.6	19,126.7	10,370.4	75.7	76.9	91.52	9,139.6	2,035.8	1,041.8	889.4	152.39	6.836	
19,475.0	10,354.8	19,201.7	10,370.7	76.2	77.4	91.53	9,214.6	2,035.7	1,041.8	888.4	153.44	6.790	
19,500.0	10,354.9	19,226.7	10,370.8	76.4	77.6	91.53	9,239.6	2,035.6	1,041.8	888.1	153.79	6.774	
19,570.0	10,355.2	19,296.7	10,371.1	76.9	78.1	91.53	9,309.6	2,035.5	1,041.9	887.1	154.77	6.732	
19,600.0	10,355.3	19,326.7	10,371.2	77.1	78.3	91.53	9,339.6	2,035.5	1,041.9	886.7	155.20	6.713	
19,665.0	10,355.5	19,391.7	10,371.5	77.5	78.7	91.53	9,404.6	2,035.3	1,041.9	885.8	156.11	6.674	
19,700.0	10,355.6	19,426.7	10,371.6	77.8	79.0	91.54	9,439.6	2,035.3	1,041.9	885.3	156.60	6.653	
19,760.0	10,355.8	19,486.7	10,371.9	78.2	79.4	91.54	9,499.6	2,035.1	1,041.9	884.5	157.45	6.618	
19,800.0	10,356.0	19,526.7	10,372.0	78.5	79.7	91.54	9,539.6	2,035.1	1,041.9	883.9	158.01	6.594	
19,855.0	10,356.1	19,581.7	10,372.3	78.9	80.0	91.54	9,594.6	2,035.0	1,042.0	883.2	158.79	6.562	
19,900.0	10,356.3	19,626.7	10,372.5	79.2	80.3	91.54	9,639.6	2,034.9	1,042.0	882.6	159.42	6.536	
19,950.0	10,356.5	19,676.7	10,372.7	79.6	80.7	91.55	9,689.6	2,034.8	1,042.0	881.9	160.13	6.507	
20,000.0	10,356.6	19,726.7	10,372.9	79.9	81.0	91.55	9,739.6	2,034.7	1,042.0	881.2	160.84	6.479	
20,045.0	10,356.8	19,771.7	10,373.1	80.2	81.4	91.55	9,784.6	2,034.6	1,042.0	880.6	161.47	6.453	
20,100.0	10,357.0	19,826.7	10,373.3	80.6	81.7	91.55	9,839.6	2,034.5	1,042.1	879.8	162.25	6.422	
20,140.0	10,357.1	19,866.7	10,373.5	80.9	82.0	91.55	9,879.6	2,034.4	1,042.1	879.2	162.82	6.400	
20,200.0	10,357.3	19,926.7	10,373.7	81.4	82.4	91.56	9,939.6	2,034.3	1,042.1	878.4	163.67	6.367	
20,235.0	10,357.4	19,961.7	10,373.8	81.6	82.7	91.56	9,974.6	2,034.2	1,042.1	877.9	164.16	6.348	
20,300.0	10,357.7	20,026.7	10,374.1	82.1	83.1	91.56	10,039.6	2,034.1	1,042.1	877.0	165.09	6.313	
20,330.0	10,357.8	20,056.7	10,374.2	82.3	83.4	91.56	10,069.6	2,034.0	1,042.1	876.6	165.51	6.296	
20,400.0	10,358.0	20,126.7	10,374.5	82.8	83.8	91.56	10,139.6	2,033.9	1,042.2	875.6	166.51	6.259	
20,425.0	10,358.1	20,151.7	10,374.6	83.0	84.0	91.56	10,164.6	2,033.8	1,042.2	875.3	166.86	6.246	
20,500.0	10,358.3	20,226.7	10,374.9	83.5	84.6	91.57	10,239.6	2,033.7	1,042.2	874.3	167.93	6.206	
20,520.0	10,358.4	20,246.7	10,375.0	83.7	84.7	91.57	10,259.6	2,033.7	1,042.2	874.0	168.22	6.196	
20,600.0	10,358.7	20,326.7	10,375.4	84.2	85.3	91.57	10,339.6	2,033.5	1,042.2	872.9	169.35	6.154	
20,615.0	10,358.7	20,341.7	10,375.4	84.3	85.4	91.57	10,354.6	2,033.5	1,042.2	872.7	169.57	6.146	
20,700.0	10,359.0	20,426.7	10,375.8	85.0	86.0	91.57	10,439.6	2,033.3	1,042.3	871.5	170.78	6.103	
20,710.0	10,359.1	20,436.7	10,375.8	85.0	86.0	91.58	10,449.6	2,033.3	1,042.3	871.3	170.92	6.098	
20,800.0	10,359.4	20,526.7	10,376.2	85.7	86.7	91.58	10,539.6	2,033.1	1,042.3	870.1	172.21	6.052	
20,805.0	10,359.4	20,531.7	10,376.2	85.7	86.7	91.58	10,544.6	2,033.1	1,042.3	870.0	172.28	6.050	
20,900.0	10,359.7	20,626.7	10,376.6	86.4	87.4	91.58	10,639.6	2,032.9	1,042.3	868.7	173.64	6.003	
20,995.0	10,360.0	20,721.7	10,377.0	87.1	88.1	91.59	10,734.6	2,032.7	1,042.4	867.4	175.00	5.956	
21,000.0	10,360.1	20,726.7	10,377.0	87.1	88.1	91.59	10,739.6	2,032.7	1,042.4	867.3	175.07	5.954	
21,090.0	10,360.4	20,816.7	10,377.4	87.8	88.7	91.59	10,829.6	2,032.5	1,042.4	866.0	176.36	5.911	
21,100.0	10,360.4	20,826.7	10,377.4	87.8	88.8	91.59	10,839.6	2,032.5	1,042.4	865.9	176.50	5.906	
21,185.0	10,360.7	20,911.7	10,377.8	88.5	89.4	91.59	10,924.6	2,032.4	1,042.4	864.7	177.72	5.865	
21,200.0	10,360.7	20,926.7	10,377.8	88.6	89.5	91.59	10,939.6	2,032.3	1,042.4	864.5	177.94	5.858	
21,280.0	10,361.0	21,006.7	10,378.2	89.1	90.1	91.60	11,019.6	2,032.2	1,042.4	863.4	179.09	5.821	
21,300.0	10,361.1	21,026.7	10,378.3	89.3	90.2	91.60	11,039.6	2,032.1	1,042.5	863.1	179.37	5.812	
21,375.0	10,361.3	21,101.7	10,378.6	89.8	90.8	91.60	11,114.6	2,032.0	1,042.5	862.0	180.45	5.777	
21,400.0	10,361.4	21,126.7	10,378.7	90.0	90.9	91.60	11,139.6	2,031.9	1,042.5	861.7	180.81	5.766	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #905H - 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, 9935-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
21,470.0	10,361.7	21,196.7	10,379.0	90.5	91.4	91.61	11,209.6	2,031.8	1,042.5	860.7	181.82	5.734	
21,500.0	10,361.8	21,226.7	10,379.1	90.7	91.6	91.61	11,239.6	2,031.7	1,042.5	860.3	182.25	5.720	
21,565.0	10,362.0	21,291.7	10,379.4	91.2	92.1	91.61	11,304.6	2,031.6	1,042.5	859.4	183.19	5.691	
21,600.0	10,362.1	21,326.7	10,379.5	91.5	92.4	91.61	11,339.6	2,031.6	1,042.6	858.9	183.69	5.676	
21,660.0	10,362.3	21,386.7	10,379.8	91.9	92.8	91.61	11,399.6	2,031.4	1,042.6	858.0	184.56	5.649	
21,700.0	10,362.5	21,426.7	10,379.9	92.2	93.1	91.61	11,439.6	2,031.4	1,042.6	857.5	185.13	5.632	
21,755.0	10,362.6	21,481.7	10,380.1	92.6	93.5	91.62	11,494.6	2,031.2	1,042.6	856.7	185.93	5.608	
21,800.0	10,362.8	21,526.7	10,380.3	92.9	93.8	91.62	11,539.6	2,031.2	1,042.6	856.0	186.58	5.588	
21,850.0	10,363.0	21,576.7	10,380.5	93.3	94.1	91.62	11,589.6	2,031.1	1,042.6	855.3	187.30	5.567	
21,900.0	10,363.1	21,626.7	10,380.7	93.6	94.5	91.62	11,639.6	2,031.0	1,042.7	854.6	188.02	5.545	
21,945.0	10,363.3	21,671.7	10,380.9	94.0	94.8	91.62	11,684.6	2,030.9	1,042.7	854.0	188.67	5.526	
22,000.0	10,363.5	21,726.7	10,381.2	94.4	95.2	91.63	11,739.6	2,030.8	1,042.7	853.2	189.47	5.503	
22,040.0	10,363.6	21,766.7	10,381.3	94.7	95.5	91.63	11,779.6	2,030.7	1,042.7	852.7	190.04	5.487	
22,100.0	10,363.8	21,826.7	10,381.6	95.1	95.9	91.63	11,839.6	2,030.6	1,042.7	851.8	190.91	5.462	
22,135.0	10,363.9	21,861.7	10,381.7	95.4	96.2	91.63	11,874.6	2,030.5	1,042.7	851.3	191.42	5.447	
22,200.0	10,364.2	21,926.7	10,382.0	95.8	96.7	91.63	11,939.6	2,030.4	1,042.8	850.4	192.36	5.421	
22,230.0	10,364.3	21,956.7	10,382.1	96.1	96.9	91.63	11,969.6	2,030.3	1,042.8	850.0	192.80	5.409	
22,300.0	10,364.5	22,026.7	10,382.4	96.6	97.4	91.64	12,039.6	2,030.2	1,042.8	849.0	193.81	5.380	
22,314.7	10,364.6	22,041.4	10,382.5	96.7	97.5	91.64	12,054.3	2,030.2	1,042.8	848.8	194.02	5.375	
22,325.0	10,364.6	22,051.7	10,382.5	96.8	97.6	91.64	12,064.6	2,030.1	1,042.8	848.6	194.17	5.371	
22,400.0	10,364.8	22,126.7	10,382.8	97.3	98.1	91.64	12,139.6	2,030.0	1,042.8	847.6	195.26	5.341	
22,420.0	10,364.9	22,146.7	10,382.9	97.4	98.2	91.64	12,159.6	2,030.0	1,042.8	847.3	195.55	5.333	
22,444.7	10,365.0	22,170.0	10,383.0	97.6	98.4	91.64	12,182.9	2,029.9	1,042.8	846.9	195.90	5.323	ES, SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	89.94	0.0	30.1	30.2				
95.0	95.0	94.8	94.8	3.0	3.0	89.94	0.0	30.1	30.2	24.1	6.04	4.995	
100.0	100.0	99.8	99.8	3.0	3.0	89.94	0.0	30.1	30.2	24.1	6.04	4.991	
190.0	190.0	189.8	189.8	3.1	3.1	89.94	0.0	30.1	30.2	23.9	6.25	4.823	
200.0	200.0	199.8	199.8	3.1	3.1	89.94	0.0	30.1	30.2	23.9	6.29	4.796	
285.0	285.0	284.8	284.8	3.3	3.3	89.94	0.0	30.1	30.2	23.7	6.48	4.651	
300.0	300.0	299.8	299.8	3.3	3.3	89.94	0.0	30.1	30.2	23.6	6.52	4.623	
380.0	380.0	379.8	379.8	3.4	3.4	89.94	0.0	30.1	30.2	23.4	6.70	4.499	
400.0	400.0	399.8	399.8	3.4	3.4	89.94	0.0	30.1	30.2	23.4	6.75	4.467	
475.0	475.0	474.8	474.8	3.5	3.5	89.94	0.0	30.1	30.2	23.2	6.91	4.361	
500.0	500.0	499.8	499.8	3.5	3.5	89.94	0.0	30.1	30.2	23.2	6.97	4.325	
570.0	570.0	569.8	569.8	3.6	3.6	89.94	0.0	30.1	30.2	23.0	7.12	4.236	
600.0	600.0	599.8	599.8	3.6	3.6	89.94	0.0	30.1	30.2	23.0	7.18	4.197	
665.0	665.0	664.8	664.8	3.7	3.7	89.94	0.0	30.1	30.2	22.8	7.32	4.120	
700.0	700.0	699.8	699.8	3.8	3.8	89.94	0.0	30.1	30.2	22.8	7.39	4.079	
760.0	760.0	759.8	759.8	3.8	3.8	89.94	0.0	30.1	30.2	22.6	7.51	4.014	
800.0	800.0	799.8	799.8	3.9	3.9	89.94	0.0	30.1	30.2	22.6	7.59	3.970	
855.0	855.0	854.8	854.8	4.0	4.0	89.94	0.0	30.1	30.2	22.4	7.70	3.915	
900.0	900.0	899.8	899.8	4.0	4.0	89.94	0.0	30.1	30.2	22.4	7.79	3.870	
950.0	950.0	949.8	949.8	4.1	4.1	89.94	0.0	30.1	30.2	22.3	7.89	3.824	
1,000.0	1,000.0	999.8	999.8	4.1	4.1	89.94	0.0	30.1	30.2	22.2	7.98	3.777	
1,045.0	1,045.0	1,044.8	1,044.8	4.2	4.2	89.94	0.0	30.1	30.2	22.1	8.07	3.738	
1,100.0	1,100.0	1,099.8	1,099.8	4.2	4.2	89.94	0.0	30.1	30.2	22.0	8.17	3.691	
1,140.0	1,140.0	1,139.8	1,139.8	4.3	4.3	89.94	0.0	30.1	30.2	21.9	8.24	3.658	
1,200.0	1,200.0	1,199.8	1,199.8	4.4	4.4	89.94	0.0	30.1	30.2	21.8	8.35	3.610	
1,235.0	1,235.0	1,234.8	1,234.8	4.4	4.4	89.94	0.0	30.1	30.2	21.7	8.41	3.583	
1,300.0	1,300.0	1,299.8	1,299.8	4.5	4.5	89.94	0.0	30.1	30.2	21.6	8.53	3.534	
1,330.0	1,330.0	1,329.8	1,329.8	4.5	4.5	89.94	0.0	30.1	30.2	21.6	8.58	3.512	
1,400.0	1,400.0	1,399.8	1,399.8	4.6	4.6	89.94	0.0	30.1	30.2	21.4	8.71	3.463	
1,425.0	1,425.0	1,424.8	1,424.8	4.6	4.6	89.94	0.0	30.1	30.2	21.4	8.75	3.446	
1,500.0	1,500.0	1,499.8	1,499.8	4.7	4.7	89.94	0.0	30.1	30.2	21.3	8.88	3.396	
1,520.0	1,520.0	1,519.6	1,519.6	4.7	4.7	-4.59	0.0	30.2	30.1	21.2	8.95	3.367	
1,600.0	1,600.0	1,598.8	1,598.7	4.8	4.8	-4.68	-0.1	31.8	30.1	20.9	9.26	3.254	
1,615.0	1,615.0	1,613.6	1,613.6	4.8	4.8	-4.71	-0.1	32.4	30.1	20.8	9.34	3.225	
1,700.0	1,699.8	1,697.7	1,697.6	5.0	5.0	-4.94	-0.3	37.0	30.1	20.3	9.80	3.068	
1,710.0	1,709.8	1,707.6	1,707.4	5.0	5.0	-4.98	-0.4	37.7	30.1	20.2	9.86	3.050	
1,800.0	1,799.5	1,796.7	1,796.2	5.2	5.2	-5.38	-0.8	45.5	30.0	19.6	10.37	2.893	
1,805.0	1,804.4	1,801.6	1,801.1	5.2	5.2	-5.41	-0.8	46.0	30.0	19.6	10.40	2.885	
1,900.0	1,898.7	1,895.7	1,894.4	5.5	5.5	-6.00	-1.4	57.4	29.9	18.9	10.96	2.727	
1,995.0	1,992.5	1,989.7	1,987.3	5.8	5.8	-6.76	-2.2	71.8	29.8	18.2	11.55	2.577	
2,000.0	1,997.5	1,994.6	1,992.2	5.9	5.8	-6.80	-2.2	72.7	29.8	18.2	11.59	2.569	
2,090.0	2,085.8	2,083.7	2,079.7	6.2	6.1	-7.68	-3.1	89.3	29.6	17.5	12.18	2.433	
2,100.0	2,095.6	2,093.6	2,089.3	6.2	6.2	-7.78	-3.2	91.3	29.6	17.4	12.24	2.419	
2,104.5	2,100.0	2,098.0	2,093.7	6.2	6.2	-7.83	-3.3	92.3	29.6	17.3	12.27	2.413	CC, ES
2,185.0	2,178.8	2,177.7	2,171.4	6.5	6.5	-8.41	-4.2	109.8	30.7	18.0	12.76	2.407	SF
2,200.0	2,193.4	2,192.6	2,185.8	6.5	6.5	-8.46	-4.4	113.3	31.2	18.3	12.86	2.425	
2,280.0	2,271.7	2,272.4	2,263.3	6.7	6.8	-8.61	-5.4	132.6	34.0	20.6	13.37	2.543	
2,300.0	2,291.3	2,292.4	2,282.7	6.8	6.9	-8.65	-5.7	137.5	34.7	21.2	13.50	2.571	
2,375.0	2,364.6	2,367.4	2,355.4	7.1	7.1	-8.76	-6.6	155.6	37.4	23.4	14.01	2.667	
2,400.0	2,389.1	2,392.3	2,379.7	7.1	7.2	-8.80	-6.9	161.6	38.2	24.1	14.18	2.697	
2,470.0	2,457.5	2,462.3	2,447.6	7.4	7.4	-8.89	-7.8	178.5	40.7	26.0	14.68	2.774	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,500.0	2,486.9	2,492.3	2,476.7	7.5	7.5	-8.92	-8.2	185.7	41.8	26.9	14.90	2.805	
2,565.0	2,550.5	2,557.2	2,539.7	7.7	7.8	-8.99	-9.1	201.4	44.1	28.7	15.38	2.867	
2,600.0	2,584.7	2,592.2	2,573.6	7.8	7.9	-9.03	-9.5	209.9	45.3	29.7	15.64	2.898	
2,660.0	2,643.4	2,652.2	2,631.8	8.1	8.1	-9.08	-10.3	224.4	47.5	31.3	16.10	2.947	
2,700.0	2,682.5	2,692.2	2,670.6	8.2	8.3	-9.12	-10.8	234.0	48.9	32.5	16.41	2.978	
2,755.0	2,736.3	2,747.1	2,723.9	8.4	8.5	-9.16	-11.5	247.3	50.8	34.0	16.84	3.017	
2,800.0	2,780.3	2,792.1	2,767.6	8.6	8.7	-9.19	-12.1	258.2	52.4	35.2	17.20	3.047	
2,850.0	2,829.2	2,842.1	2,816.0	8.8	8.9	-9.23	-12.7	270.2	54.2	36.6	17.60	3.078	
2,900.0	2,878.1	2,892.0	2,864.5	9.0	9.1	-9.26	-13.4	282.3	55.9	37.9	18.01	3.107	
2,945.0	2,922.2	2,937.0	2,908.2	9.2	9.2	-9.29	-13.9	293.2	57.5	39.2	18.38	3.131	
3,000.0	2,976.0	2,992.0	2,961.5	9.4	9.5	-9.32	-14.6	306.5	59.5	40.7	18.83	3.159	
3,040.0	3,015.1	3,031.9	3,000.3	9.5	9.6	-9.34	-15.2	316.1	60.9	41.7	19.17	3.177	
3,100.0	3,073.8	3,091.9	3,058.5	9.8	9.9	-9.37	-15.9	330.6	63.0	43.4	19.67	3.204	
3,135.0	3,108.0	3,126.9	3,092.4	9.9	10.0	-9.39	-16.4	339.1	64.3	44.3	19.97	3.218	
3,200.0	3,171.6	3,191.8	3,155.4	10.2	10.3	-9.42	-17.2	354.8	66.6	46.0	20.52	3.243	
3,230.0	3,200.9	3,221.8	3,184.5	10.3	10.4	-9.43	-17.6	362.0	67.6	46.8	20.78	3.254	
3,300.0	3,269.4	3,291.8	3,252.4	10.6	10.7	-9.46	-18.5	378.9	70.1	48.7	21.39	3.278	
3,325.0	3,293.9	3,316.8	3,276.6	10.7	10.8	-9.47	-18.8	384.9	71.0	49.4	21.60	3.286	
3,400.0	3,367.2	3,391.7	3,349.4	11.0	11.2	-9.50	-19.8	403.0	73.6	51.4	22.26	3.309	
3,420.0	3,386.8	3,411.7	3,368.8	11.1	11.2	-9.51	-20.0	407.9	74.4	51.9	22.43	3.314	
3,500.0	3,465.0	3,491.7	3,446.3	11.4	11.6	-9.54	-21.1	427.2	77.2	54.1	23.14	3.336	
3,515.0	3,479.7	3,506.7	3,460.9	11.5	11.7	-9.54	-21.2	430.8	77.7	54.4	23.27	3.340	
3,600.0	3,562.8	3,591.6	3,543.3	11.9	12.0	-9.57	-22.3	451.3	80.7	56.7	24.03	3.360	
3,610.0	3,572.6	3,601.6	3,553.0	11.9	12.1	-9.57	-22.5	453.7	81.1	57.0	24.12	3.362	
3,700.0	3,660.7	3,691.5	3,640.3	12.3	12.5	-9.60	-23.6	475.5	84.3	59.3	24.92	3.381	
3,705.0	3,665.6	3,696.5	3,645.1	12.3	12.5	-9.60	-23.7	476.7	84.4	59.5	24.97	3.382	
3,800.0	3,758.5	3,791.5	3,737.2	12.7	12.9	-9.63	-24.9	499.6	87.8	62.0	25.82	3.400	
3,895.0	3,851.4	3,886.4	3,829.4	13.2	13.4	-9.65	-26.1	522.6	91.2	64.5	26.68	3.417	
3,900.0	3,856.3	3,891.4	3,834.2	13.2	13.4	-9.65	-26.2	523.8	91.4	64.6	26.73	3.418	
3,990.0	3,944.3	3,981.4	3,921.5	13.6	13.8	-9.67	-27.3	545.5	94.5	67.0	27.55	3.432	
4,000.0	3,954.1	3,991.3	3,931.2	13.6	13.8	-9.67	-27.5	547.9	94.9	67.3	27.64	3.433	
4,085.0	4,037.2	4,076.3	4,013.6	14.0	14.2	-9.69	-28.6	568.4	97.9	69.5	28.42	3.445	
4,100.0	4,051.9	4,091.3	4,028.2	14.1	14.3	-9.69	-28.7	572.0	98.4	69.9	28.56	3.447	
4,180.0	4,130.2	4,171.2	4,105.7	14.4	14.7	-9.71	-29.8	591.4	101.3	72.0	29.29	3.457	
4,200.0	4,149.7	4,191.2	4,125.1	14.5	14.7	-9.71	-30.0	596.2	102.0	72.5	29.48	3.459	
4,275.0	4,223.1	4,266.2	4,197.8	14.8	15.1	-9.73	-31.0	614.3	104.6	74.5	30.17	3.468	
4,300.0	4,247.6	4,291.2	4,222.1	15.0	15.2	-9.73	-31.3	620.3	105.5	75.1	30.40	3.471	
4,370.0	4,316.0	4,361.1	4,290.0	15.3	15.5	-9.74	-32.2	637.2	108.0	76.9	31.05	3.478	
4,400.0	4,345.4	4,391.1	4,319.1	15.4	15.7	-9.75	-32.6	644.5	109.1	77.7	31.33	3.481	
4,465.0	4,408.9	4,456.1	4,382.1	15.7	16.0	-9.76	-33.4	660.2	111.4	79.4	31.93	3.487	
4,500.0	4,443.2	4,491.0	4,416.0	15.9	16.1	-9.77	-33.9	668.6	112.6	80.3	32.26	3.491	
4,560.0	4,501.9	4,551.0	4,474.2	16.1	16.4	-9.78	-34.6	683.1	114.7	81.9	32.82	3.496	
4,600.0	4,541.0	4,591.0	4,513.0	16.3	16.6	-9.78	-35.2	692.8	116.1	82.9	33.19	3.499	
4,655.0	4,594.8	4,645.9	4,566.3	16.6	16.9	-9.79	-35.9	706.0	118.1	84.4	33.70	3.503	
4,700.0	4,638.8	4,690.9	4,610.0	16.8	17.1	-9.80	-36.4	716.9	119.7	85.5	34.13	3.507	
4,750.0	4,687.7	4,740.9	4,658.4	17.0	17.3	-9.80	-37.1	729.0	121.4	86.9	34.59	3.511	
4,800.0	4,736.6	4,790.8	4,706.9	17.2	17.5	-9.81	-37.7	741.1	123.2	88.2	35.06	3.514	
4,845.0	4,780.6	4,835.8	4,750.6	17.4	17.7	-9.81	-38.3	751.9	124.8	89.3	35.49	3.517	
4,900.0	4,834.4	4,890.8	4,803.9	17.7	18.0	-9.82	-39.0	765.2	126.8	90.8	36.00	3.521	
4,940.0	4,873.6	4,930.8	4,842.7	17.8	18.2	-9.83	-39.5	774.9	128.2	91.8	36.38	3.523	
5,000.0	4,932.3	4,990.7	4,900.9	18.1	18.5	-9.83	-40.3	789.3	130.3	93.4	36.95	3.527	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,035.0	4,966.5	5,025.7	4,934.8	18.3	18.6	-9.84	-40.7	797.8	131.5	94.3	37.28	3.529	
5,100.0	5,030.1	5,090.7	4,997.8	18.6	18.9	-9.85	-41.6	813.5	133.8	95.9	37.89	3.532	
5,130.0	5,059.4	5,120.6	5,026.9	18.7	19.1	-9.85	-42.0	820.7	134.9	96.7	38.17	3.534	
5,200.0	5,127.9	5,190.6	5,094.8	19.0	19.4	-9.86	-42.8	837.6	137.4	98.5	38.83	3.538	
5,225.0	5,152.3	5,215.6	5,119.0	19.2	19.5	-9.86	-43.2	843.7	138.3	99.2	39.07	3.539	
5,300.0	5,225.7	5,290.5	5,191.8	19.5	19.9	-9.87	-44.1	861.8	140.9	101.1	39.78	3.542	
5,320.0	5,245.3	5,310.5	5,211.2	19.6	20.0	-9.87	-44.4	866.6	141.6	101.7	39.97	3.543	
5,400.0	5,323.5	5,390.5	5,288.7	20.0	20.4	-9.88	-45.4	885.9	144.5	103.7	40.73	3.547	
5,415.0	5,338.2	5,405.5	5,303.3	20.0	20.4	-9.88	-45.6	889.5	145.0	104.1	40.87	3.547	
5,500.0	5,421.3	5,490.4	5,385.7	20.4	20.8	-9.89	-46.7	910.1	148.0	106.3	41.68	3.551	
5,510.0	5,431.1	5,500.4	5,395.4	20.5	20.9	-9.89	-46.8	912.5	148.4	106.6	41.78	3.551	
5,600.0	5,519.1	5,590.3	5,482.7	20.9	21.3	-9.89	-48.0	934.2	151.5	108.9	42.63	3.555	
5,605.0	5,524.0	5,595.3	5,487.5	20.9	21.3	-9.89	-48.0	935.4	151.7	109.0	42.68	3.555	
5,700.0	5,617.0	5,690.3	5,579.6	21.3	21.8	-9.90	-49.3	958.4	155.1	111.5	43.58	3.558	
5,795.0	5,709.9	5,785.2	5,671.8	21.8	22.2	-9.91	-50.5	981.3	158.4	114.0	44.49	3.561	
5,800.0	5,714.8	5,790.2	5,676.6	21.8	22.3	-9.91	-50.5	982.5	158.6	114.1	44.54	3.561	
5,890.0	5,802.8	5,880.2	5,763.9	22.2	22.7	-9.92	-51.7	1,004.2	161.8	116.4	45.40	3.564	
5,900.0	5,812.6	5,890.2	5,773.6	22.3	22.7	-9.92	-51.8	1,006.6	162.2	116.7	45.49	3.565	
5,985.0	5,895.7	5,975.1	5,856.0	22.7	23.2	-9.92	-52.9	1,027.2	165.2	118.9	46.31	3.567	
6,000.0	5,910.4	5,990.1	5,870.6	22.7	23.2	-9.93	-53.1	1,030.8	165.7	119.3	46.45	3.567	
6,080.0	5,988.7	6,070.0	5,948.1	23.1	23.6	-9.93	-54.1	1,050.1	168.5	121.3	47.21	3.570	
6,100.0	6,008.2	6,090.0	5,967.5	23.2	23.7	-9.93	-54.4	1,054.9	169.2	121.8	47.41	3.570	
6,175.0	6,081.6	6,165.0	6,040.2	23.5	24.1	-9.94	-55.3	1,073.0	171.9	123.8	48.12	3.572	
6,200.0	6,106.0	6,190.0	6,064.5	23.7	24.2	-9.94	-55.7	1,079.1	172.8	124.4	48.36	3.573	
6,270.0	6,174.5	6,259.9	6,132.4	24.0	24.5	-9.94	-56.6	1,096.0	175.3	126.2	49.03	3.574	
6,300.0	6,203.9	6,289.9	6,161.5	24.1	24.7	-9.95	-57.0	1,103.2	176.3	127.0	49.32	3.575	
6,365.0	6,267.4	6,354.9	6,224.5	24.4	25.0	-9.95	-57.8	1,118.9	178.6	128.7	49.94	3.576	
6,396.7	6,298.4	6,386.5	6,255.2	24.6	25.1	-9.95	-58.2	1,126.6	179.7	129.5	50.25	3.577	
6,400.0	6,301.7	6,389.8	6,258.4	24.6	25.1	-9.95	-58.2	1,127.4	179.9	129.6	50.28	3.577	
6,460.0	6,360.5	6,449.8	6,316.6	24.9	25.4	-9.93	-59.0	1,141.8	182.7	131.8	50.86	3.592	
6,500.0	6,399.8	6,489.7	6,355.3	25.1	25.6	-9.88	-59.5	1,151.5	185.2	134.0	51.26	3.614	
6,555.0	6,454.1	6,544.5	6,408.5	25.3	25.9	-9.77	-60.2	1,164.7	189.7	137.9	51.79	3.662	
6,600.0	6,498.6	6,589.3	6,452.0	25.5	26.1	-9.64	-60.8	1,175.5	194.0	141.8	52.23	3.715	
6,650.0	6,548.2	6,639.0	6,500.2	25.7	26.3	-9.48	-61.4	1,187.5	199.7	147.0	52.70	3.790	
6,700.0	6,597.9	6,688.5	6,548.2	26.0	26.6	-9.28	-62.1	1,199.5	206.3	153.1	53.18	3.879	
6,745.0	6,642.7	6,733.0	6,591.4	26.1	26.8	-9.09	-62.6	1,210.3	212.9	159.3	53.60	3.972	
6,800.0	6,697.5	6,787.3	6,644.1	26.4	27.1	-8.84	-63.3	1,223.4	221.9	167.8	54.11	4.102	
6,840.0	6,737.4	6,826.6	6,682.2	26.5	27.3	-8.64	-63.8	1,232.9	229.2	174.7	54.46	4.208	
6,900.0	6,797.4	6,885.4	6,739.3	26.7	27.5	-8.34	-64.6	1,247.1	241.0	186.0	54.99	4.383	
6,935.0	6,832.4	6,919.6	6,772.4	26.8	27.7	-8.16	-65.0	1,255.3	248.5	193.3	55.23	4.499	
6,996.6	6,894.0	6,979.5	6,830.6	26.9	28.0	86.69	-65.8	1,269.8	262.7	207.0	55.66	4.719	
7,000.0	6,897.4	6,982.8	6,833.8	26.9	28.0	86.71	-65.8	1,270.6	263.5	207.8	55.67	4.732	
7,030.0	6,927.4	7,011.9	6,862.0	26.9	28.1	86.88	-66.2	1,277.7	270.7	214.9	55.84	4.848	
7,100.0	6,997.4	7,079.8	6,927.9	26.9	28.5	87.24	-67.1	1,294.1	287.5	231.3	56.22	5.115	
7,125.0	7,022.4	7,104.1	6,951.5	26.9	28.6	87.36	-67.4	1,299.9	293.6	237.2	56.36	5.209	
7,200.0	7,097.4	7,176.9	7,022.1	26.9	28.9	87.69	-68.3	1,317.5	311.6	254.9	56.76	5.490	
7,220.0	7,117.4	7,196.3	7,040.9	26.9	29.0	87.77	-68.6	1,322.2	316.4	259.6	56.87	5.565	
7,300.0	7,197.4	7,273.9	7,116.2	26.9	29.4	88.08	-69.6	1,340.9	335.7	278.4	57.29	5.860	
7,315.0	7,212.4	7,288.5	7,130.3	27.0	29.5	88.13	-69.8	1,344.5	339.3	282.0	57.37	5.915	
7,400.0	7,297.4	7,370.9	7,210.4	27.0	29.9	88.41	-70.8	1,364.4	359.8	302.0	57.82	6.224	
7,410.0	7,307.4	7,380.6	7,219.8	27.0	29.9	88.44	-70.9	1,366.7	362.3	304.4	57.87	6.260	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,500.0	7,397.4	7,468.0	7,304.5	27.0	30.4	88.70	-72.1	1,387.8	384.0	325.6	58.35	6.581	
7,505.0	7,402.4	7,472.8	7,309.2	27.0	30.4	88.71	-72.1	1,389.0	385.2	326.8	58.37	6.599	
7,600.0	7,497.4	7,565.0	7,398.7	27.0	30.8	88.96	-73.3	1,411.3	408.1	349.2	58.87	6.932	
7,695.0	7,592.4	7,666.8	7,497.7	27.1	31.3	89.19	-74.6	1,435.2	430.4	371.0	59.43	7.242	
7,700.0	7,597.4	7,672.6	7,503.3	27.1	31.4	89.20	-74.6	1,436.4	431.5	372.0	59.47	7.256	
7,790.0	7,687.4	7,776.7	7,605.3	27.1	31.9	89.38	-75.8	1,457.3	449.5	389.5	59.98	7.494	
7,800.0	7,697.4	7,788.4	7,616.8	27.1	31.9	89.40	-75.9	1,459.4	451.3	391.3	60.03	7.518	
7,885.0	7,782.4	7,888.2	7,715.3	27.1	32.4	89.53	-76.7	1,475.4	465.0	404.6	60.43	7.695	
7,900.0	7,797.4	7,906.0	7,732.9	27.1	32.5	89.55	-76.8	1,477.9	467.1	406.6	60.49	7.722	
7,980.0	7,877.4	8,001.0	7,827.2	27.1	32.9	89.63	-77.5	1,489.5	476.8	416.0	60.77	7.846	
8,000.0	7,897.4	8,024.9	7,850.9	27.1	33.0	89.65	-77.6	1,491.9	478.8	418.0	60.83	7.872	
8,075.0	7,972.4	8,114.7	7,940.5	27.2	33.3	89.70	-78.0	1,499.1	484.9	423.9	60.99	7.950	
8,100.0	7,997.4	8,144.8	7,970.5	27.2	33.4	89.71	-78.1	1,501.0	486.4	425.4	61.02	7.970	
8,170.0	8,067.4	8,229.0	8,054.7	27.2	33.7	89.74	-78.3	1,504.3	489.2	428.2	61.04	8.015	
8,200.0	8,097.4	8,265.2	8,090.8	27.2	33.7	89.74	-78.3	1,505.0	489.8	428.8	60.98	8.032	
8,265.0	8,162.4	8,336.5	8,162.2	27.2	33.8	89.74	-78.3	1,505.3	490.0	429.0	60.94	8.041	
8,300.0	8,197.4	8,371.5	8,197.2	27.2	33.8	89.74	-78.3	1,505.3	490.0	429.0	60.96	8.038	
8,360.0	8,257.4	8,431.5	8,257.2	27.2	33.8	89.74	-78.3	1,505.3	490.0	429.0	60.99	8.035	
8,400.0	8,297.4	8,471.5	8,297.2	27.3	33.8	89.74	-78.3	1,505.3	490.0	429.0	61.01	8.032	
8,455.0	8,352.4	8,526.5	8,352.2	27.3	33.8	89.74	-78.3	1,505.3	490.0	429.0	61.03	8.028	
8,500.0	8,397.4	8,571.5	8,397.2	27.3	33.8	89.74	-78.3	1,505.3	490.0	428.9	61.06	8.025	
8,550.0	8,447.4	8,621.5	8,447.2	27.3	33.9	89.74	-78.3	1,505.3	490.0	428.9	61.08	8.022	
8,600.0	8,497.4	8,671.5	8,497.2	27.3	33.9	89.74	-78.3	1,505.3	490.0	428.9	61.11	8.018	
8,645.0	8,542.4	8,716.5	8,542.2	27.3	33.9	89.74	-78.3	1,505.3	490.0	428.9	61.13	8.015	
8,700.0	8,597.4	8,771.5	8,597.2	27.3	33.9	89.74	-78.3	1,505.3	490.0	428.8	61.16	8.012	
8,740.0	8,637.4	8,811.5	8,637.2	27.4	33.9	89.74	-78.3	1,505.3	490.0	428.8	61.18	8.009	
8,800.0	8,697.4	8,871.5	8,697.2	27.4	33.9	89.74	-78.3	1,505.3	490.0	428.8	61.21	8.005	
8,835.0	8,732.4	8,906.5	8,732.2	27.4	33.9	89.74	-78.3	1,505.3	490.0	428.8	61.23	8.002	
8,900.0	8,797.4	8,971.5	8,797.2	27.4	33.9	89.74	-78.3	1,505.3	490.0	428.7	61.26	7.998	
8,930.0	8,827.4	9,001.5	8,827.2	27.4	33.9	89.74	-78.3	1,505.3	490.0	428.7	61.28	7.996	
9,000.0	8,897.4	9,071.5	8,897.2	27.4	34.0	89.74	-78.3	1,505.3	490.0	428.7	61.32	7.991	
9,025.0	8,922.4	9,096.5	8,922.2	27.4	34.0	89.74	-78.3	1,505.3	490.0	428.7	61.33	7.989	
9,100.0	8,997.4	9,171.5	8,997.2	27.5	34.0	89.74	-78.3	1,505.3	490.0	428.6	61.37	7.984	
9,120.0	9,017.4	9,191.5	9,017.2	27.5	34.0	89.74	-78.3	1,505.3	490.0	428.6	61.38	7.983	
9,200.0	9,097.4	9,271.5	9,097.2	27.5	34.0	89.74	-78.3	1,505.3	490.0	428.6	61.42	7.977	
9,215.0	9,112.4	9,286.5	9,112.2	27.5	34.0	89.74	-78.3	1,505.3	490.0	428.6	61.43	7.976	
9,300.0	9,197.4	9,371.5	9,197.2	27.5	34.0	89.74	-78.3	1,505.3	490.0	428.5	61.48	7.970	
9,310.0	9,207.4	9,381.5	9,207.2	27.5	34.0	89.74	-78.3	1,505.3	490.0	428.5	61.48	7.969	
9,400.0	9,297.4	9,471.5	9,297.2	27.6	34.0	89.74	-78.3	1,505.3	490.0	428.5	61.53	7.963	
9,405.0	9,302.4	9,476.5	9,302.2	27.6	34.0	89.74	-78.3	1,505.3	490.0	428.5	61.53	7.963	
9,500.0	9,397.4	9,571.5	9,397.2	27.6	34.1	89.74	-78.3	1,505.3	490.0	428.4	61.59	7.956	
9,595.0	9,492.4	9,666.5	9,492.2	27.6	34.1	89.74	-78.3	1,505.3	490.0	428.3	61.64	7.949	
9,600.0	9,497.4	9,671.5	9,497.2	27.6	34.1	89.74	-78.3	1,505.3	490.0	428.3	61.64	7.949	
9,690.0	9,587.4	9,761.5	9,587.2	27.7	34.1	89.74	-78.3	1,505.3	490.0	428.3	61.69	7.942	
9,700.0	9,597.4	9,771.5	9,597.2	27.7	34.1	89.74	-78.3	1,505.3	490.0	428.3	61.70	7.942	
9,785.0	9,682.4	9,856.5	9,682.2	27.7	34.1	89.74	-78.3	1,505.3	490.0	428.2	61.74	7.936	
9,800.0	9,697.4	9,871.5	9,697.2	27.7	34.1	89.74	-78.3	1,505.3	490.0	428.2	61.75	7.935	
9,854.7	9,752.0	9,926.2	9,751.8	27.7	34.2	89.74	-78.3	1,505.3	490.0	428.2	61.78	7.932	
9,880.0	9,777.4	9,951.5	9,777.2	27.7	34.2	89.94	-78.3	1,505.3	490.0	428.2	61.79	7.930	
9,890.2	9,787.5	9,961.7	9,787.3	27.7	34.2	90.00	-78.3	1,505.3	490.0	428.2	61.79	7.929	
9,900.0	9,797.3	9,971.5	9,797.1	27.7	34.2	90.08	-78.3	1,505.3	490.0	428.2	61.80	7.928	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
9,950.0	9,846.9	10,021.1	9,846.7	27.7	34.2	90.79	-78.3	1,505.3	490.0	428.2	61.84	7.924	
9,975.0	9,871.5	10,045.7	9,871.3	27.7	34.2	91.31	-78.3	1,505.3	490.1	428.3	61.87	7.922	
10,000.0	9,895.8	10,070.0	9,895.6	27.7	34.2	91.95	-78.3	1,505.3	490.3	428.4	61.89	7.922	
10,050.0	9,943.6	10,117.8	9,943.4	27.7	34.2	93.51	-78.3	1,505.3	491.0	429.1	61.91	7.931	
10,070.0	9,962.3	10,136.6	9,962.2	27.7	34.2	94.23	-78.3	1,505.3	491.5	429.6	61.90	7.940	
10,100.0	9,989.9	10,166.9	9,992.5	27.7	34.2	95.41	-77.4	1,505.3	492.5	430.7	61.82	7.967	
10,150.0	10,034.5	10,218.8	10,044.1	27.7	34.2	97.37	-72.2	1,505.3	494.7	433.1	61.57	8.034	
10,165.0	10,047.4	10,234.8	10,059.9	27.7	34.2	97.96	-69.7	1,505.3	495.5	434.0	61.48	8.059	
10,200.0	10,076.8	10,272.7	10,097.0	27.7	34.2	99.31	-61.9	1,505.2	497.5	436.3	61.21	8.127	
10,250.0	10,116.7	10,328.8	10,150.8	27.8	34.2	101.21	-46.0	1,505.2	500.8	440.0	60.74	8.245	
10,260.0	10,124.4	10,340.3	10,161.6	27.8	34.2	101.58	-42.0	1,505.2	501.5	440.9	60.63	8.271	
10,300.0	10,153.9	10,387.3	10,204.9	27.8	34.2	103.05	-23.8	1,505.2	504.6	444.4	60.18	8.384	
10,350.0	10,187.9	10,448.3	10,258.6	27.8	34.2	104.82	5.0	1,505.1	508.6	449.1	59.56	8.539	
10,355.0	10,191.2	10,454.6	10,264.0	27.8	34.2	104.99	8.3	1,505.1	509.1	449.6	59.50	8.556	
10,400.0	10,218.7	10,512.0	10,311.1	27.8	34.2	106.49	41.1	1,505.0	512.9	454.0	58.91	8.706	
10,450.0	10,245.9	10,578.5	10,361.2	27.8	34.2	108.05	84.6	1,504.9	517.2	458.9	58.27	8.876	
10,500.0	10,269.3	10,647.7	10,407.7	27.9	34.3	109.45	135.8	1,504.8	521.2	463.6	57.65	9.042	
10,545.0	10,287.1	10,712.2	10,445.2	27.9	34.3	110.56	188.3	1,504.7	524.6	467.5	57.15	9.180	
10,550.0	10,288.8	10,719.5	10,449.1	27.9	34.3	110.67	194.5	1,504.7	525.0	467.9	57.10	9.194	
10,600.0	10,304.2	10,793.8	10,483.8	27.9	34.3	111.67	260.1	1,504.5	528.1	471.5	56.63	9.326	
10,640.0	10,313.6	10,854.6	10,505.7	28.0	34.4	112.30	316.8	1,504.4	530.1	473.8	56.33	9.411	
10,650.0	10,315.5	10,870.0	10,510.3	28.0	34.4	112.43	331.5	1,504.4	530.5	474.3	56.27	9.429	
10,700.0	10,322.4	10,947.7	10,527.3	28.0	34.4	112.92	407.3	1,504.2	532.1	476.1	56.03	9.497	
10,735.0	10,324.7	11,002.7	10,533.1	28.1	34.5	113.09	462.0	1,504.1	532.7	476.7	55.94	9.523	
10,752.7	10,325.0	11,030.6	10,534.0	28.1	34.5	113.12	489.8	1,504.0	532.8	476.9	55.91	9.529	
10,800.0	10,325.2	11,078.8	10,534.2	28.1	34.5	113.12	538.1	1,503.9	532.8	476.8	56.01	9.511	
10,830.0	10,325.3	11,108.8	10,534.3	28.2	34.6	113.12	568.1	1,503.8	532.8	476.7	56.09	9.498	
10,900.0	10,325.5	11,178.8	10,534.6	28.3	34.7	113.13	638.1	1,503.7	532.8	476.5	56.29	9.466	
10,925.0	10,325.6	11,203.8	10,534.7	28.3	34.7	113.13	663.1	1,503.6	532.8	476.4	56.36	9.453	
11,000.0	10,325.8	11,278.8	10,534.9	28.5	34.8	113.13	738.1	1,503.4	532.8	476.2	56.60	9.413	
11,020.0	10,325.9	11,298.8	10,535.0	28.5	34.8	113.13	758.1	1,503.4	532.8	476.1	56.67	9.402	
11,100.0	10,326.2	11,378.8	10,535.3	28.6	35.0	113.13	838.1	1,503.2	532.8	475.9	56.96	9.355	
11,115.0	10,326.2	11,393.8	10,535.4	28.7	35.0	113.13	853.1	1,503.2	532.8	475.8	57.01	9.346	
11,200.0	10,326.5	11,478.8	10,535.7	28.8	35.1	113.14	938.1	1,503.0	532.8	475.5	57.35	9.291	
11,210.0	10,326.6	11,488.8	10,535.8	28.9	35.1	113.14	948.1	1,503.0	532.8	475.5	57.39	9.285	
11,300.0	10,326.9	11,578.8	10,536.1	29.1	35.3	113.14	1,038.1	1,502.7	532.9	475.1	57.78	9.222	
11,305.0	10,326.9	11,583.8	10,536.1	29.1	35.3	113.14	1,043.1	1,502.7	532.9	475.1	57.80	9.219	
11,400.0	10,327.2	11,678.8	10,536.5	29.3	35.5	113.15	1,138.1	1,502.5	532.9	474.6	58.25	9.149	
11,495.0	10,327.5	11,773.8	10,536.9	29.5	35.7	113.15	1,233.1	1,502.3	532.9	474.2	58.73	9.074	
11,500.0	10,327.6	11,778.8	10,536.9	29.6	35.7	113.15	1,238.1	1,502.3	532.9	474.1	58.75	9.070	
11,590.0	10,327.9	11,868.8	10,537.2	29.8	35.9	113.16	1,328.1	1,502.1	532.9	473.7	59.24	8.996	
11,600.0	10,327.9	11,878.8	10,537.3	29.8	36.0	113.16	1,338.1	1,502.1	532.9	473.6	59.29	8.988	
11,685.0	10,328.2	11,963.8	10,537.6	30.1	36.2	113.16	1,423.1	1,501.9	532.9	473.1	59.78	8.915	
11,700.0	10,328.2	11,978.8	10,537.6	30.1	36.2	113.16	1,438.1	1,501.8	532.9	473.1	59.87	8.902	
11,780.0	10,328.5	12,058.8	10,537.9	30.4	36.4	113.16	1,518.1	1,501.7	532.9	472.6	60.35	8.831	
11,800.0	10,328.6	12,078.8	10,538.0	30.4	36.5	113.16	1,538.1	1,501.6	532.9	472.5	60.47	8.813	
11,875.0	10,328.8	12,153.8	10,538.3	30.7	36.7	113.17	1,613.1	1,501.4	533.0	472.0	60.95	8.744	
11,900.0	10,328.9	12,178.8	10,538.4	30.8	36.7	113.17	1,638.1	1,501.4	533.0	471.9	61.12	8.721	
11,970.0	10,329.2	12,248.8	10,538.7	31.0	36.9	113.17	1,708.1	1,501.2	533.0	471.4	61.58	8.654	
12,000.0	10,329.3	12,278.8	10,538.8	31.1	37.0	113.17	1,738.1	1,501.2	533.0	471.2	61.79	8.626	
12,065.0	10,329.5	12,343.8	10,539.0	31.3	37.2	113.18	1,803.1	1,501.0	533.0	470.8	62.24	8.563	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
12,100.0	10,329.6	12,378.8	10,539.2	31.5	37.3	113.18	1,838.1	1,500.9	533.0	470.5	62.49	8.529	
12,160.0	10,329.8	12,438.8	10,539.4	31.7	37.5	113.18	1,898.1	1,500.8	533.0	470.1	62.93	8.470	
12,200.0	10,330.0	12,478.8	10,539.6	31.8	37.6	113.18	1,938.1	1,500.7	533.0	469.8	63.22	8.431	
12,255.0	10,330.1	12,533.8	10,539.8	32.0	37.8	113.18	1,993.1	1,500.6	533.0	469.4	63.64	8.376	
12,300.0	10,330.3	12,578.8	10,539.9	32.2	38.0	113.19	2,038.1	1,500.5	533.0	469.1	63.98	8.331	
12,350.0	10,330.5	12,628.8	10,540.1	32.4	38.1	113.19	2,088.1	1,500.4	533.0	468.7	64.37	8.280	
12,400.0	10,330.6	12,678.8	10,540.3	32.6	38.3	113.19	2,138.1	1,500.3	533.1	468.3	64.77	8.230	
12,445.0	10,330.8	12,723.8	10,540.5	32.8	38.5	113.19	2,183.1	1,500.2	533.1	467.9	65.13	8.184	
12,500.0	10,331.0	12,778.8	10,540.7	33.0	38.6	113.19	2,238.1	1,500.0	533.1	467.5	65.58	8.128	
12,540.0	10,331.1	12,818.8	10,540.9	33.2	38.8	113.20	2,278.1	1,499.9	533.1	467.2	65.92	8.087	
12,600.0	10,331.3	12,878.8	10,541.1	33.4	39.0	113.20	2,338.0	1,499.8	533.1	466.7	66.42	8.026	
12,635.0	10,331.4	12,913.8	10,541.2	33.6	39.1	113.20	2,373.0	1,499.7	533.1	466.4	66.72	7.990	
12,700.0	10,331.7	12,978.8	10,541.5	33.8	39.4	113.20	2,438.0	1,499.6	533.1	465.8	67.29	7.923	
12,730.0	10,331.8	13,008.8	10,541.6	34.0	39.5	113.20	2,468.0	1,499.5	533.1	465.6	67.55	7.892	
12,800.0	10,332.0	13,078.8	10,541.9	34.3	39.8	113.21	2,538.0	1,499.3	533.1	464.9	68.17	7.820	
12,825.0	10,332.1	13,103.8	10,542.0	34.4	39.9	113.21	2,563.0	1,499.3	533.1	464.7	68.40	7.794	
12,900.0	10,332.3	13,178.8	10,542.3	34.7	40.2	113.21	2,638.0	1,499.1	533.1	464.1	69.08	7.717	
12,920.0	10,332.4	13,198.8	10,542.3	34.8	40.2	113.21	2,658.0	1,499.1	533.1	463.9	69.27	7.697	
13,000.0	10,332.7	13,278.8	10,542.6	35.2	40.6	113.21	2,738.0	1,498.9	533.2	463.1	70.01	7.615	
13,015.0	10,332.7	13,293.8	10,542.7	35.3	40.6	113.22	2,753.0	1,498.9	533.2	463.0	70.15	7.600	
13,100.0	10,333.0	13,378.8	10,543.0	35.7	41.0	113.22	2,838.0	1,498.7	533.2	462.2	70.97	7.513	
13,110.0	10,333.1	13,388.8	10,543.1	35.7	41.0	113.22	2,848.0	1,498.6	533.2	462.1	71.06	7.503	
13,200.0	10,333.4	13,478.8	10,543.4	36.2	41.4	113.22	2,938.0	1,498.4	533.2	461.2	71.94	7.412	
13,205.0	10,333.4	13,483.8	10,543.4	36.2	41.4	113.22	2,943.0	1,498.4	533.2	461.2	71.99	7.407	
13,300.0	10,333.7	13,578.8	10,543.8	36.7	41.8	113.23	3,038.0	1,498.2	533.2	460.3	72.93	7.311	
13,395.0	10,334.0	13,673.8	10,544.2	37.1	42.3	113.23	3,133.0	1,498.0	533.2	459.3	73.89	7.217	
13,400.0	10,334.1	13,678.8	10,544.2	37.2	42.3	113.23	3,138.0	1,498.0	533.2	459.3	73.94	7.212	
13,490.0	10,334.4	13,768.8	10,544.5	37.6	42.7	113.24	3,228.0	1,497.8	533.2	458.4	74.86	7.123	
13,500.0	10,334.4	13,778.8	10,544.6	37.7	42.7	113.24	3,238.0	1,497.8	533.2	458.3	74.97	7.113	
13,585.0	10,334.7	13,863.8	10,544.9	38.1	43.1	113.24	3,323.0	1,497.6	533.3	457.4	75.85	7.030	
13,600.0	10,334.7	13,878.8	10,545.0	38.2	43.2	113.24	3,338.0	1,497.5	533.3	457.2	76.01	7.016	
13,680.0	10,335.0	13,958.8	10,545.3	38.6	43.6	113.24	3,418.0	1,497.4	533.3	456.4	76.86	6.938	
13,700.0	10,335.1	13,978.8	10,545.3	38.7	43.7	113.24	3,438.0	1,497.3	533.3	456.2	77.07	6.919	
13,775.0	10,335.3	14,053.8	10,545.6	39.1	44.0	113.25	3,513.0	1,497.1	533.3	455.4	77.88	6.848	
13,800.0	10,335.4	14,078.8	10,545.7	39.2	44.1	113.25	3,538.0	1,497.1	533.3	455.1	78.15	6.824	
13,870.0	10,335.7	14,148.8	10,546.0	39.6	44.5	113.25	3,608.0	1,496.9	533.3	454.4	78.91	6.758	
13,900.0	10,335.8	14,178.8	10,546.1	39.8	44.6	113.25	3,638.0	1,496.9	533.3	454.1	79.24	6.730	
13,965.0	10,336.0	14,243.8	10,546.4	40.1	44.9	113.26	3,703.0	1,496.7	533.3	453.4	79.96	6.670	
14,000.0	10,336.1	14,278.8	10,546.5	40.3	45.1	113.26	3,738.0	1,496.6	533.3	453.0	80.34	6.638	
14,060.0	10,336.3	14,338.8	10,546.7	40.7	45.4	113.26	3,798.0	1,496.5	533.3	452.3	81.01	6.583	
14,100.0	10,336.5	14,378.8	10,546.9	40.9	45.6	113.26	3,838.0	1,496.4	533.3	451.9	81.46	6.547	
14,155.0	10,336.6	14,433.8	10,547.1	41.2	45.9	113.26	3,893.0	1,496.3	533.3	451.3	82.09	6.498	
14,200.0	10,336.8	14,478.8	10,547.3	41.4	46.1	113.27	3,938.0	1,496.2	533.4	450.8	82.60	6.457	
14,250.0	10,337.0	14,528.8	10,547.5	41.7	46.4	113.27	3,988.0	1,496.1	533.4	450.2	83.17	6.413	
14,300.0	10,337.1	14,578.8	10,547.6	42.0	46.6	113.27	4,038.0	1,495.9	533.4	449.6	83.74	6.369	
14,345.0	10,337.3	14,623.8	10,547.8	42.3	46.9	113.27	4,083.0	1,495.8	533.4	449.1	84.26	6.330	
14,400.0	10,337.5	14,678.8	10,548.0	42.6	47.2	113.27	4,138.0	1,495.7	533.4	448.5	84.90	6.283	
14,440.0	10,337.6	14,718.8	10,548.2	42.8	47.4	113.28	4,178.0	1,495.6	533.4	448.0	85.36	6.248	
14,500.0	10,337.8	14,778.8	10,548.4	43.2	47.7	113.28	4,238.0	1,495.5	533.4	447.3	86.07	6.198	
14,535.0	10,337.9	14,813.8	10,548.6	43.4	47.9	113.28	4,273.0	1,495.4	533.4	446.9	86.48	6.168	
14,600.0	10,338.2	14,878.8	10,548.8	43.8	48.2	113.28	4,338.0	1,495.3	533.4	446.2	87.25	6.114	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
14,630.0	10,338.3	14,908.8	10,548.9	43.9	48.4	113.28	4,368.0	1,495.2	533.4	445.8	87.60	6.089	
14,700.0	10,338.5	14,978.8	10,549.2	44.3	48.8	113.29	4,438.0	1,495.0	533.4	445.0	88.44	6.032	
14,725.0	10,338.6	15,003.8	10,549.3	44.5	48.9	113.29	4,463.0	1,495.0	533.4	444.7	88.74	6.011	
14,800.0	10,338.8	15,078.8	10,549.6	44.9	49.3	113.29	4,538.0	1,494.8	533.5	443.8	89.64	5.951	
14,820.0	10,338.9	15,098.8	10,549.6	45.1	49.4	113.29	4,558.0	1,494.8	533.5	443.6	89.88	5.935	
14,900.0	10,339.2	15,178.8	10,550.0	45.5	49.9	113.30	4,638.0	1,494.6	533.5	442.6	90.85	5.872	
14,915.0	10,339.2	15,193.8	10,550.0	45.6	49.9	113.30	4,653.0	1,494.6	533.5	442.4	91.03	5.860	
15,000.0	10,339.5	15,278.8	10,550.3	46.1	50.4	113.30	4,738.0	1,494.4	533.5	441.4	92.07	5.794	
15,010.0	10,339.6	15,288.8	10,550.4	46.2	50.5	113.30	4,748.0	1,494.3	533.5	441.3	92.19	5.787	
15,100.0	10,339.9	15,378.8	10,550.7	46.8	51.0	113.30	4,838.0	1,494.1	533.5	440.2	93.30	5.718	
15,105.0	10,339.9	15,383.8	10,550.7	46.8	51.0	113.30	4,843.0	1,494.1	533.5	440.1	93.36	5.714	
15,200.0	10,340.2	15,478.8	10,551.1	47.4	51.5	113.31	4,938.0	1,493.9	533.5	439.0	94.54	5.643	
15,295.0	10,340.5	15,573.8	10,551.5	48.0	52.1	113.31	5,033.0	1,493.7	533.5	437.8	95.73	5.574	
15,300.0	10,340.6	15,578.8	10,551.5	48.0	52.1	113.31	5,038.0	1,493.7	533.5	437.8	95.79	5.570	
15,390.0	10,340.9	15,668.8	10,551.8	48.6	52.6	113.32	5,128.0	1,493.5	533.6	436.6	96.92	5.505	
15,400.0	10,340.9	15,678.8	10,551.9	48.6	52.7	113.32	5,138.0	1,493.5	533.6	436.5	97.04	5.498	
15,485.0	10,341.2	15,763.8	10,552.2	49.1	53.2	113.32	5,223.0	1,493.3	533.6	435.5	98.12	5.438	
15,500.0	10,341.2	15,778.8	10,552.3	49.2	53.3	113.32	5,238.0	1,493.2	533.6	435.3	98.31	5.428	
15,580.0	10,341.5	15,858.8	10,552.6	49.7	53.7	113.32	5,318.0	1,493.0	533.6	434.3	99.32	5.372	
15,600.0	10,341.6	15,878.8	10,552.7	49.9	53.8	113.32	5,338.0	1,493.0	533.6	434.0	99.58	5.359	
15,675.0	10,341.8	15,953.8	10,552.9	50.3	54.3	113.33	5,413.0	1,492.8	533.6	433.1	100.54	5.308	
15,700.0	10,341.9	15,978.8	10,553.0	50.5	54.4	113.33	5,438.0	1,492.8	533.6	432.8	100.85	5.291	
15,770.0	10,342.2	16,048.8	10,553.3	51.0	54.9	113.33	5,508.0	1,492.6	533.6	431.9	101.75	5.244	
15,800.0	10,342.3	16,078.8	10,553.4	51.1	55.0	113.33	5,538.0	1,492.5	533.6	431.5	102.14	5.224	
15,865.0	10,342.5	16,143.8	10,553.7	51.6	55.4	113.34	5,603.0	1,492.4	533.6	430.7	102.98	5.182	
15,900.0	10,342.6	16,178.8	10,553.8	51.8	55.6	113.34	5,638.0	1,492.3	533.6	430.2	103.43	5.159	
15,960.0	10,342.8	16,238.8	10,554.0	52.2	56.0	113.34	5,698.0	1,492.2	533.7	429.4	104.21	5.121	
16,000.0	10,343.0	16,278.8	10,554.2	52.4	56.2	113.34	5,738.0	1,492.1	533.7	428.9	104.73	5.096	
16,055.0	10,343.1	16,333.8	10,554.4	52.8	56.6	113.34	5,793.0	1,492.0	533.7	428.2	105.45	5.061	
16,100.0	10,343.3	16,378.8	10,554.6	53.1	56.8	113.35	5,838.0	1,491.9	533.7	427.6	106.03	5.033	
16,150.0	10,343.5	16,428.8	10,554.8	53.4	57.1	113.35	5,888.0	1,491.8	533.7	427.0	106.69	5.002	
16,200.0	10,343.6	16,478.8	10,555.0	53.7	57.4	113.35	5,938.0	1,491.6	533.7	426.4	107.34	4.972	
16,245.0	10,343.8	16,523.8	10,555.1	54.0	57.7	113.35	5,983.0	1,491.5	533.7	425.8	107.94	4.945	
16,300.0	10,344.0	16,578.8	10,555.3	54.4	58.1	113.35	6,038.0	1,491.4	533.7	425.1	108.66	4.912	
16,340.0	10,344.1	16,618.8	10,555.5	54.6	58.3	113.36	6,078.0	1,491.3	533.7	424.5	109.19	4.888	
16,400.0	10,344.3	16,678.8	10,555.7	55.0	58.7	113.36	6,138.0	1,491.2	533.7	423.7	109.98	4.853	
16,435.0	10,344.4	16,713.8	10,555.9	55.3	58.9	113.36	6,173.0	1,491.1	533.7	423.3	110.45	4.833	
16,500.0	10,344.7	16,778.8	10,556.1	55.7	59.3	113.36	6,238.0	1,491.0	533.7	422.4	111.31	4.795	
16,530.0	10,344.8	16,808.8	10,556.2	55.9	59.5	113.36	6,268.0	1,490.9	533.8	422.0	111.71	4.778	
16,600.0	10,345.0	16,878.8	10,556.5	56.4	59.9	113.37	6,338.0	1,490.7	533.8	421.1	112.64	4.739	
16,625.0	10,345.1	16,903.8	10,556.6	56.5	60.1	113.37	6,363.0	1,490.7	533.8	420.8	112.98	4.725	
16,700.0	10,345.3	16,978.8	10,556.9	57.0	60.5	113.37	6,438.0	1,490.5	533.8	419.8	113.98	4.683	
16,720.0	10,345.4	16,998.8	10,557.0	57.2	60.7	113.37	6,458.0	1,490.5	533.8	419.5	114.25	4.672	
16,800.0	10,345.7	17,078.8	10,557.3	57.7	61.2	113.38	6,538.0	1,490.3	533.8	418.5	115.32	4.629	
16,815.0	10,345.7	17,093.8	10,557.3	57.8	61.3	113.38	6,553.0	1,490.2	533.8	418.3	115.52	4.621	
16,900.0	10,346.0	17,178.8	10,557.7	58.4	61.8	113.38	6,638.0	1,490.1	533.8	417.1	116.67	4.575	
16,910.0	10,346.1	17,188.8	10,557.7	58.4	61.9	113.38	6,648.0	1,490.0	533.8	417.0	116.80	4.570	
17,000.0	10,346.4	17,278.8	10,558.0	59.0	62.4	113.38	6,738.0	1,489.8	533.8	415.8	118.02	4.523	
17,005.0	10,346.4	17,283.8	10,558.1	59.1	62.5	113.38	6,743.0	1,489.8	533.8	415.7	118.09	4.521	
17,100.0	10,346.7	17,378.8	10,558.4	59.7	63.1	113.39	6,838.0	1,489.6	533.8	414.5	119.38	4.472	
17,195.0	10,347.0	17,473.8	10,558.8	60.3	63.7	113.39	6,933.0	1,489.4	533.9	413.2	120.67	4.424	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
17,200.0	10,347.1	17,478.8	10,558.8	60.4	63.7	113.39	6,938.0	1,489.4	533.9	413.1	120.74	4.422	
17,290.0	10,347.4	17,568.8	10,559.2	61.0	64.3	113.40	7,028.0	1,489.2	533.9	411.9	121.96	4.377	
17,300.0	10,347.4	17,578.8	10,559.2	61.0	64.4	113.40	7,038.0	1,489.1	533.9	411.8	122.10	4.373	
17,385.0	10,347.7	17,663.8	10,559.5	61.6	64.9	113.40	7,123.0	1,489.0	533.9	410.6	123.26	4.331	
17,400.0	10,347.7	17,678.8	10,559.6	61.7	65.0	113.40	7,138.0	1,488.9	533.9	410.4	123.47	4.324	
17,480.0	10,348.0	17,758.8	10,559.9	62.3	65.5	113.40	7,218.0	1,488.7	533.9	409.3	124.57	4.286	
17,500.0	10,348.1	17,778.8	10,560.0	62.4	65.7	113.40	7,238.0	1,488.7	533.9	409.1	124.84	4.277	
17,575.0	10,348.3	17,853.8	10,560.3	62.9	66.1	113.41	7,313.0	1,488.5	533.9	408.1	125.87	4.242	
17,600.0	10,348.4	17,878.8	10,560.4	63.1	66.3	113.41	7,338.0	1,488.5	533.9	407.7	126.22	4.230	
17,670.0	10,348.7	17,948.8	10,560.6	63.6	66.8	113.41	7,408.0	1,488.3	533.9	406.8	127.18	4.198	
17,700.0	10,348.8	17,978.8	10,560.7	63.8	67.0	113.41	7,438.0	1,488.2	534.0	406.4	127.59	4.185	
17,765.0	10,349.0	18,043.8	10,561.0	64.2	67.4	113.42	7,503.0	1,488.1	534.0	405.5	128.49	4.156	
17,800.0	10,349.1	18,078.8	10,561.1	64.5	67.6	113.42	7,538.0	1,488.0	534.0	405.0	128.98	4.140	
17,860.0	10,349.3	18,138.8	10,561.4	64.9	68.0	113.42	7,598.0	1,487.9	534.0	404.2	129.81	4.114	
17,900.0	10,349.5	18,178.8	10,561.5	65.2	68.3	113.42	7,638.0	1,487.8	534.0	403.6	130.36	4.096	
17,955.0	10,349.6	18,233.8	10,561.7	65.5	68.6	113.42	7,693.0	1,487.7	534.0	402.9	131.13	4.072	
18,000.0	10,349.8	18,278.8	10,561.9	65.8	68.9	113.43	7,738.0	1,487.6	534.0	402.2	131.75	4.053	
18,050.0	10,350.0	18,328.8	10,562.1	66.2	69.3	113.43	7,788.0	1,487.4	534.0	401.6	132.45	4.032	
18,100.0	10,350.1	18,378.8	10,562.3	66.5	69.6	113.43	7,838.0	1,487.3	534.0	400.9	133.14	4.011	
18,145.0	10,350.3	18,423.8	10,562.4	66.8	69.9	113.43	7,883.0	1,487.2	534.0	400.3	133.77	3.992	
18,200.0	10,350.5	18,478.8	10,562.7	67.2	70.3	113.43	7,938.0	1,487.1	534.0	399.5	134.54	3.969	
18,240.0	10,350.6	18,518.8	10,562.8	67.5	70.5	113.44	7,978.0	1,487.0	534.0	398.9	135.10	3.953	
18,300.0	10,350.8	18,578.8	10,563.0	67.9	70.9	113.44	8,038.0	1,486.9	534.1	398.1	135.94	3.929	
18,335.0	10,350.9	18,613.8	10,563.2	68.2	71.2	113.44	8,073.0	1,486.8	534.1	397.6	136.43	3.915	
18,400.0	10,351.2	18,678.8	10,563.4	68.6	71.6	113.44	8,138.0	1,486.7	534.1	396.7	137.34	3.889	
18,430.0	10,351.3	18,708.8	10,563.5	68.8	71.8	113.44	8,168.0	1,486.6	534.1	396.3	137.76	3.877	
18,500.0	10,351.5	18,778.8	10,563.8	69.3	72.3	113.45	8,238.0	1,486.4	534.1	395.3	138.74	3.849	
18,525.0	10,351.6	18,803.8	10,563.9	69.5	72.4	113.45	8,263.0	1,486.4	534.1	395.0	139.09	3.840	
18,600.0	10,351.8	18,878.8	10,564.2	70.0	72.9	113.45	8,338.0	1,486.2	534.1	394.0	140.15	3.811	
18,620.0	10,351.9	18,898.8	10,564.3	70.2	73.1	113.45	8,358.0	1,486.2	534.1	393.7	140.43	3.803	
18,700.0	10,352.2	18,978.8	10,564.6	70.7	73.6	113.46	8,438.0	1,486.0	534.1	392.6	141.56	3.773	
18,715.0	10,352.2	18,993.8	10,564.6	70.8	73.7	113.46	8,453.0	1,485.9	534.1	392.4	141.77	3.768	
18,800.0	10,352.5	19,078.8	10,565.0	71.4	74.3	113.46	8,538.0	1,485.7	534.1	391.2	142.97	3.736	
18,810.0	10,352.6	19,088.8	10,565.0	71.5	74.3	113.46	8,548.0	1,485.7	534.1	391.0	143.11	3.732	
18,900.0	10,352.9	19,178.8	10,565.4	72.1	74.9	113.46	8,638.0	1,485.5	534.2	389.8	144.39	3.700	
18,905.0	10,352.9	19,183.8	10,565.4	72.2	75.0	113.46	8,643.0	1,485.5	534.2	389.7	144.46	3.698	
19,000.0	10,353.2	19,278.8	10,565.7	72.8	75.6	113.47	8,738.0	1,485.3	534.2	388.4	145.80	3.664	
19,095.0	10,353.5	19,373.8	10,566.1	73.5	76.3	113.47	8,833.0	1,485.1	534.2	387.0	147.15	3.630	
19,100.0	10,353.6	19,378.8	10,566.1	73.5	76.3	113.47	8,838.0	1,485.1	534.2	387.0	147.22	3.628	
19,190.0	10,353.9	19,468.8	10,566.5	74.2	76.9	113.48	8,928.0	1,484.9	534.2	385.7	148.50	3.597	
19,200.0	10,353.9	19,478.8	10,566.5	74.2	77.0	113.48	8,938.0	1,484.8	534.2	385.6	148.64	3.594	
19,285.0	10,354.2	19,563.8	10,566.8	74.8	77.6	113.48	9,023.0	1,484.6	534.2	384.4	149.85	3.565	
19,300.0	10,354.2	19,578.8	10,566.9	74.9	77.7	113.48	9,038.0	1,484.6	534.2	384.2	150.07	3.560	
19,380.0	10,354.5	19,658.8	10,567.2	75.5	78.2	113.48	9,118.0	1,484.4	534.2	383.0	151.21	3.533	
19,400.0	10,354.6	19,678.8	10,567.3	75.7	78.4	113.48	9,138.0	1,484.4	534.2	382.8	151.49	3.527	
19,475.0	10,354.8	19,753.8	10,567.6	76.2	78.9	113.49	9,213.0	1,484.2	534.3	381.7	152.56	3.502	
19,500.0	10,354.9	19,778.8	10,567.7	76.4	79.0	113.49	9,238.0	1,484.2	534.3	381.3	152.92	3.494	
19,570.0	10,355.2	19,848.8	10,567.9	76.9	79.5	113.49	9,308.0	1,484.0	534.3	380.4	153.92	3.471	
19,600.0	10,355.3	19,878.8	10,568.0	77.1	79.7	113.49	9,338.0	1,483.9	534.3	379.9	154.35	3.461	
19,665.0	10,355.5	19,943.8	10,568.3	77.5	80.2	113.50	9,403.0	1,483.8	534.3	379.0	155.28	3.441	
19,700.0	10,355.6	19,978.8	10,568.4	77.8	80.4	113.50	9,438.0	1,483.7	534.3	378.5	155.78	3.430	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
19,760.0	10,355.8	20,038.8	10,568.7	78.2	80.8	113.50	9,498.0	1,483.6	534.3	377.7	156.64	3.411	
19,800.0	10,356.0	20,078.8	10,568.8	78.5	81.1	113.50	9,538.0	1,483.5	534.3	377.1	157.21	3.399	
19,855.0	10,356.1	20,133.8	10,569.0	78.9	81.5	113.50	9,593.0	1,483.4	534.3	376.3	158.00	3.382	
19,900.0	10,356.3	20,178.8	10,569.2	79.2	81.8	113.51	9,638.0	1,483.3	534.3	375.7	158.65	3.368	
19,950.0	10,356.5	20,228.8	10,569.4	79.6	82.1	113.51	9,688.0	1,483.1	534.3	375.0	159.37	3.353	
20,000.0	10,356.6	20,278.8	10,569.6	79.9	82.5	113.51	9,738.0	1,483.0	534.3	374.3	160.09	3.338	
20,045.0	10,356.8	20,323.8	10,569.8	80.2	82.8	113.51	9,783.0	1,482.9	534.4	373.6	160.73	3.324	
20,100.0	10,357.0	20,378.8	10,570.0	80.6	83.2	113.51	9,838.0	1,482.8	534.4	372.8	161.53	3.308	
20,140.0	10,357.1	20,418.8	10,570.1	80.9	83.5	113.52	9,878.0	1,482.7	534.4	372.3	162.10	3.297	
20,200.0	10,357.3	20,478.8	10,570.4	81.4	83.9	113.52	9,938.0	1,482.6	534.4	371.4	162.97	3.279	
20,235.0	10,357.4	20,513.8	10,570.5	81.6	84.1	113.52	9,973.0	1,482.5	534.4	370.9	163.47	3.269	
20,300.0	10,357.7	20,578.8	10,570.7	82.1	84.6	113.52	10,038.0	1,482.3	534.4	370.0	164.41	3.250	
20,330.0	10,357.8	20,608.8	10,570.9	82.3	84.8	113.52	10,068.0	1,482.3	534.4	369.6	164.84	3.242	
20,400.0	10,358.0	20,678.8	10,571.1	82.8	85.3	113.53	10,138.0	1,482.1	534.4	368.6	165.85	3.222	
20,425.0	10,358.1	20,703.8	10,571.2	83.0	85.4	113.53	10,163.0	1,482.1	534.4	368.2	166.21	3.215	
20,500.0	10,358.3	20,778.8	10,571.5	83.5	86.0	113.53	10,238.0	1,481.9	534.4	367.1	167.30	3.194	
20,520.0	10,358.4	20,798.8	10,571.6	83.7	86.1	113.53	10,258.0	1,481.8	534.4	366.8	167.59	3.189	
20,600.0	10,358.7	20,878.8	10,571.9	84.2	86.7	113.54	10,338.0	1,481.7	534.4	365.7	168.74	3.167	
20,615.0	10,358.7	20,893.8	10,572.0	84.3	86.8	113.54	10,353.0	1,481.6	534.4	365.5	168.96	3.163	
20,700.0	10,359.0	20,978.8	10,572.3	85.0	87.4	113.54	10,438.0	1,481.4	534.5	364.3	170.19	3.140	
20,710.0	10,359.1	20,988.8	10,572.3	85.0	87.4	113.54	10,448.0	1,481.4	534.5	364.1	170.34	3.138	
20,800.0	10,359.4	21,078.8	10,572.7	85.7	88.1	113.54	10,538.0	1,481.2	534.5	362.8	171.64	3.114	
20,805.0	10,359.4	21,083.8	10,572.7	85.7	88.1	113.54	10,543.0	1,481.2	534.5	362.8	171.72	3.113	
20,900.0	10,359.7	21,178.8	10,573.1	86.4	88.8	113.55	10,638.0	1,481.0	534.5	361.4	173.09	3.088	
20,995.0	10,360.0	21,273.8	10,573.4	87.1	89.4	113.55	10,733.0	1,480.8	534.5	360.0	174.47	3.064	
21,000.0	10,360.1	21,278.8	10,573.4	87.1	89.5	113.55	10,738.0	1,480.8	534.5	360.0	174.55	3.062	
21,090.0	10,360.4	21,368.8	10,573.8	87.8	90.1	113.56	10,828.0	1,480.6	534.5	358.7	175.86	3.040	
21,100.0	10,360.4	21,378.8	10,573.8	87.8	90.2	113.56	10,838.0	1,480.5	534.5	358.5	176.00	3.037	
21,185.0	10,360.7	21,463.8	10,574.2	88.5	90.8	113.56	10,923.0	1,480.3	534.5	357.3	177.24	3.016	
21,200.0	10,360.7	21,478.8	10,574.2	88.6	90.9	113.56	10,938.0	1,480.3	534.5	357.1	177.46	3.012	
21,280.0	10,361.0	21,558.8	10,574.5	89.1	91.5	113.56	11,018.0	1,480.1	534.6	355.9	178.62	2.993	
21,300.0	10,361.1	21,578.8	10,574.6	89.3	91.6	113.56	11,038.0	1,480.1	534.6	355.7	178.91	2.988	
21,375.0	10,361.3	21,653.8	10,574.9	89.8	92.1	113.57	11,113.0	1,479.9	534.6	354.6	180.01	2.970	
21,400.0	10,361.4	21,678.8	10,575.0	90.0	92.3	113.57	11,138.0	1,479.9	534.6	354.2	180.37	2.964	
21,470.0	10,361.7	21,748.8	10,575.2	90.5	92.8	113.57	11,208.0	1,479.7	534.6	353.2	181.39	2.947	
21,500.0	10,361.8	21,778.8	10,575.4	90.7	93.0	113.57	11,238.0	1,479.6	534.6	352.8	181.83	2.940	
21,565.0	10,362.0	21,843.8	10,575.6	91.2	93.5	113.58	11,303.0	1,479.5	534.6	351.8	182.78	2.925	
21,600.0	10,362.1	21,878.8	10,575.7	91.5	93.7	113.58	11,338.0	1,479.4	534.6	351.3	183.29	2.917	
21,660.0	10,362.3	21,938.8	10,576.0	91.9	94.1	113.58	11,398.0	1,479.3	534.6	350.5	184.17	2.903	
21,700.0	10,362.5	21,978.8	10,576.1	92.2	94.4	113.58	11,438.0	1,479.2	534.6	349.9	184.75	2.894	
21,755.0	10,362.6	22,033.8	10,576.3	92.6	94.8	113.58	11,493.0	1,479.0	534.6	349.1	185.56	2.881	
21,800.0	10,362.8	22,078.8	10,576.5	92.9	95.1	113.59	11,538.0	1,478.9	534.7	348.4	186.22	2.871	
21,850.0	10,363.0	22,128.8	10,576.7	93.3	95.5	113.59	11,588.0	1,478.8	534.7	347.7	186.95	2.860	
21,900.0	10,363.1	22,178.8	10,576.9	93.6	95.8	113.59	11,638.0	1,478.7	534.7	347.0	187.68	2.849	
21,945.0	10,363.3	22,223.8	10,577.1	94.0	96.2	113.59	11,683.0	1,478.6	534.7	346.3	188.34	2.839	
22,000.0	10,363.5	22,278.8	10,577.3	94.4	96.6	113.59	11,738.0	1,478.5	534.7	345.5	189.15	2.827	
22,040.0	10,363.6	22,318.8	10,577.4	94.7	96.8	113.60	11,778.0	1,478.4	534.7	345.0	189.73	2.818	
22,100.0	10,363.8	22,378.8	10,577.7	95.1	97.3	113.60	11,838.0	1,478.3	534.7	344.1	190.61	2.805	
22,135.0	10,363.9	22,413.8	10,577.8	95.4	97.5	113.60	11,873.0	1,478.2	534.7	343.6	191.13	2.798	
22,200.0	10,364.2	22,478.8	10,578.1	95.8	98.0	113.60	11,938.0	1,478.0	534.7	342.6	192.08	2.784	
22,230.0	10,364.3	22,508.8	10,578.2	96.1	98.2	113.60	11,968.0	1,478.0	534.7	342.2	192.52	2.778	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
22,300.0	10,364.5	22,578.8	10,578.4	96.6	98.7	113.61	12,038.0	1,477.8	534.7	341.2	193.55	2.763	
22,314.7	10,364.6	22,593.6	10,578.5	96.7	98.8	113.61	12,052.7	1,477.8	534.7	341.0	193.76	2.760	
22,325.0	10,364.6	22,603.8	10,578.5	96.8	98.9	113.61	12,063.0	1,477.8	534.7	340.8	193.91	2.758	
22,400.0	10,364.8	22,678.8	10,578.8	97.3	99.4	113.61	12,138.0	1,477.6	534.8	339.7	195.01	2.742	
22,420.0	10,364.9	22,698.8	10,578.9	97.4	99.6	113.61	12,158.0	1,477.5	534.8	339.5	195.31	2.738	
22,444.7	10,365.0	22,723.5	10,579.0	97.6	99.7	113.61	12,182.6	1,477.5	534.8	339.1	195.67	2.733	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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	0.3	0.3	3.0	3.0	-90.46	-0.2	-29.8	29.8				
95.0	95.0	95.3	95.3	3.0	3.0	-90.46	-0.2	-29.8	29.8	23.8	6.04	4.940	
100.0	100.0	100.3	100.3	3.0	3.0	-90.46	-0.2	-29.8	29.8	23.8	6.04	4.936	
190.0	190.0	190.3	190.3	3.1	3.1	-90.46	-0.2	-29.8	29.8	23.6	6.25	4.769	
200.0	200.0	200.3	200.3	3.1	3.1	-90.46	-0.2	-29.8	29.8	23.5	6.29	4.744	
285.0	285.0	285.3	285.3	3.3	3.3	-90.46	-0.2	-29.8	29.8	23.3	6.48	4.600	
300.0	300.0	300.3	300.3	3.3	3.3	-90.46	-0.2	-29.8	29.8	23.3	6.52	4.572	
380.0	380.0	380.3	380.3	3.4	3.4	-90.46	-0.2	-29.8	29.8	23.1	6.70	4.449	
400.0	400.0	400.3	400.3	3.4	3.4	-90.46	-0.2	-29.8	29.8	23.1	6.75	4.418	
475.0	475.0	475.3	475.3	3.5	3.5	-90.46	-0.2	-29.8	29.8	22.9	6.91	4.313	
500.0	500.0	500.3	500.3	3.5	3.5	-90.46	-0.2	-29.8	29.8	22.8	6.97	4.278	
570.0	570.0	570.3	570.3	3.6	3.6	-90.46	-0.2	-29.8	29.8	22.7	7.12	4.189	
600.0	600.0	600.3	600.3	3.6	3.6	-90.46	-0.2	-29.8	29.8	22.6	7.18	4.151	
665.0	665.0	665.3	665.3	3.7	3.7	-90.46	-0.2	-29.8	29.8	22.5	7.32	4.075	
700.0	700.0	700.3	700.3	3.8	3.8	-90.46	-0.2	-29.8	29.8	22.4	7.39	4.034	
760.0	760.0	760.3	760.3	3.8	3.8	-90.46	-0.2	-29.8	29.8	22.3	7.51	3.970	
800.0	800.0	800.3	800.3	3.9	3.9	-90.46	-0.2	-29.8	29.8	22.2	7.59	3.927	
855.0	855.0	855.3	855.3	4.0	4.0	-90.46	-0.2	-29.8	29.8	22.1	7.70	3.872	
900.0	900.0	900.3	900.3	4.0	4.0	-90.46	-0.2	-29.8	29.8	22.0	7.79	3.828	
950.0	950.0	950.3	950.3	4.1	4.1	-90.46	-0.2	-29.8	29.8	21.9	7.89	3.782	
1,000.0	1,000.0	1,000.3	1,000.3	4.1	4.1	-90.46	-0.2	-29.8	29.8	21.8	7.98	3.736	
1,045.0	1,045.0	1,045.3	1,045.3	4.2	4.2	-90.46	-0.2	-29.8	29.8	21.8	8.07	3.697	
1,100.0	1,100.0	1,100.3	1,100.3	4.2	4.2	-90.46	-0.2	-29.8	29.8	21.7	8.17	3.650	
1,140.0	1,140.0	1,140.3	1,140.3	4.3	4.3	-90.46	-0.2	-29.8	29.8	21.6	8.24	3.618	
1,200.0	1,200.0	1,200.3	1,200.3	4.4	4.4	-90.46	-0.2	-29.8	29.8	21.5	8.35	3.570	
1,235.0	1,235.0	1,235.3	1,235.3	4.4	4.4	-90.46	-0.2	-29.8	29.8	21.4	8.42	3.544	
1,300.0	1,300.0	1,300.3	1,300.3	4.5	4.5	-90.46	-0.2	-29.8	29.8	21.3	8.53	3.495	
1,330.0	1,330.0	1,330.3	1,330.3	4.5	4.5	-90.46	-0.2	-29.8	29.8	21.2	8.58	3.474	
1,400.0	1,400.0	1,400.3	1,400.3	4.6	4.6	-90.46	-0.2	-29.8	29.8	21.1	8.71	3.425	
1,425.0	1,425.0	1,425.3	1,425.3	4.6	4.6	-90.46	-0.2	-29.8	29.8	21.1	8.75	3.408	
1,500.0	1,500.0	1,500.3	1,500.3	4.7	4.7	-90.46	-0.2	-29.8	29.8	20.9	8.88	3.358	
1,520.0	1,520.0	1,520.5	1,520.5	4.7	4.7	174.99	-0.3	-29.7	29.8	20.9	8.96	3.329	
1,600.0	1,600.0	1,601.3	1,601.3	4.8	4.8	174.77	-0.5	-28.0	29.8	20.5	9.26	3.218	
1,615.0	1,615.0	1,616.5	1,616.5	4.8	4.8	174.69	-0.6	-27.5	29.8	20.5	9.34	3.190	
1,700.0	1,699.8	1,702.4	1,702.2	5.0	5.0	174.06	-1.3	-22.8	29.8	20.0	9.81	3.037	
1,710.0	1,709.8	1,712.5	1,712.3	5.0	5.0	173.96	-1.4	-22.0	29.8	19.9	9.87	3.020	
1,800.0	1,799.5	1,803.4	1,802.8	5.2	5.2	172.88	-2.6	-13.9	29.8	19.4	10.37	2.872	
1,805.0	1,804.4	1,808.5	1,807.9	5.2	5.2	172.81	-2.7	-13.4	29.8	19.4	10.39	2.866	
1,818.9	1,818.2	1,822.5	1,821.8	5.3	5.3	172.60	-2.9	-11.9	29.8	19.3	10.45	2.850	CC, ES
1,900.0	1,898.7	1,903.9	1,902.6	5.5	5.4	171.45	-4.3	-2.2	30.3	19.5	10.81	2.801	
1,995.0	1,992.5	1,998.8	1,996.8	5.8	5.6	170.93	-6.0	9.2	33.6	22.3	11.36	2.960	
2,000.0	1,997.5	2,003.8	2,001.8	5.9	5.6	170.93	-6.1	9.8	33.9	22.5	11.39	2.976	
2,090.0	2,085.8	2,093.6	2,090.9	6.2	5.9	171.24	-7.7	20.7	40.1	28.1	11.95	3.355	
2,100.0	2,095.6	2,103.5	2,100.8	6.2	5.9	171.30	-7.9	21.9	40.9	28.9	12.01	3.408	
2,185.0	2,178.8	2,188.2	2,184.8	6.5	6.1	171.81	-9.4	32.1	48.4	35.9	12.50	3.870	
2,200.0	2,193.4	2,203.2	2,199.7	6.5	6.2	171.88	-9.7	33.9	49.7	37.1	12.59	3.947	
2,280.0	2,271.7	2,282.9	2,278.8	6.7	6.4	172.21	-11.1	43.5	56.7	43.6	13.08	4.335	
2,300.0	2,291.3	2,302.8	2,298.5	6.8	6.5	172.28	-11.5	45.9	58.5	45.3	13.21	4.428	
2,375.0	2,364.6	2,377.5	2,372.7	7.1	6.7	172.51	-12.8	54.9	65.1	51.4	13.69	4.752	
2,400.0	2,389.1	2,402.4	2,397.4	7.1	6.8	172.58	-13.3	57.9	67.3	53.4	13.85	4.854	
2,470.0	2,457.5	2,472.1	2,466.6	7.4	7.0	172.74	-14.5	66.3	73.4	59.1	14.32	5.124	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
2,500.0	2,486.9	2,502.0	2,496.3	7.5	7.1	172.81	-15.1	69.9	76.0	61.5	14.53	5.233	
2,565.0	2,550.5	2,566.8	2,560.5	7.7	7.3	172.93	-16.2	77.7	81.7	66.8	14.98	5.456	
2,600.0	2,584.7	2,601.6	2,595.1	7.8	7.4	172.99	-16.8	81.9	84.8	69.6	15.22	5.570	
2,660.0	2,643.4	2,661.4	2,654.5	8.1	7.6	173.08	-17.9	89.1	90.1	74.4	15.65	5.754	
2,700.0	2,682.5	2,701.2	2,694.0	8.2	7.8	173.14	-18.6	93.9	93.6	77.6	15.94	5.870	
2,755.0	2,736.3	2,756.0	2,748.4	8.4	8.0	173.21	-19.6	100.5	98.4	82.1	16.34	6.021	
2,800.0	2,780.3	2,800.9	2,792.9	8.6	8.1	173.26	-20.4	105.9	102.4	85.7	16.68	6.138	
2,850.0	2,829.2	2,850.7	2,842.3	8.8	8.3	173.31	-21.3	111.9	106.7	89.7	17.05	6.261	
2,900.0	2,878.1	2,900.5	2,891.8	9.0	8.5	173.36	-22.2	117.9	111.1	93.7	17.43	6.378	
2,945.0	2,922.2	2,945.3	2,936.3	9.2	8.6	173.40	-23.0	123.4	115.1	97.3	17.77	6.477	
3,000.0	2,976.0	3,000.1	2,990.6	9.4	8.8	173.45	-24.0	130.0	119.9	101.7	18.19	6.593	
3,040.0	3,015.1	3,039.9	3,030.2	9.5	9.0	173.48	-24.7	134.8	123.4	104.9	18.50	6.672	
3,100.0	3,073.8	3,099.7	3,089.5	9.8	9.2	173.52	-25.8	142.0	128.7	109.7	18.96	6.786	
3,135.0	3,108.0	3,134.6	3,124.1	9.9	9.3	173.55	-26.4	146.2	131.8	112.5	19.24	6.849	
3,200.0	3,171.6	3,199.3	3,188.4	10.2	9.6	173.59	-27.5	154.0	137.5	117.7	19.75	6.961	
3,230.0	3,200.9	3,229.2	3,218.0	10.3	9.7	173.61	-28.1	157.6	140.1	120.1	19.99	7.010	
3,300.0	3,269.4	3,298.9	3,287.2	10.6	9.9	173.65	-29.3	166.0	146.3	125.7	20.54	7.119	
3,325.0	3,293.9	3,323.8	3,312.0	10.7	10.0	173.66	-29.8	169.0	148.4	127.7	20.74	7.156	
3,400.0	3,367.2	3,398.5	3,386.1	11.0	10.3	173.70	-31.1	178.0	155.0	133.7	21.35	7.262	
3,420.0	3,386.8	3,418.5	3,405.9	11.1	10.4	173.71	-31.5	180.4	156.8	135.3	21.51	7.289	
3,500.0	3,465.0	3,498.1	3,485.0	11.4	10.7	173.75	-32.9	190.0	163.8	141.7	22.16	7.393	
3,515.0	3,479.7	3,513.1	3,499.8	11.5	10.7	173.75	-33.2	191.8	165.1	142.8	22.28	7.412	
3,600.0	3,562.8	3,597.8	3,583.9	11.9	11.1	173.79	-34.7	202.0	172.6	149.6	22.97	7.512	
3,610.0	3,572.6	3,607.7	3,593.7	11.9	11.1	173.79	-34.9	203.2	173.5	150.4	23.06	7.524	
3,700.0	3,660.7	3,697.4	3,682.7	12.3	11.4	173.83	-36.5	214.0	181.4	157.6	23.80	7.622	
3,705.0	3,665.6	3,702.4	3,687.7	12.3	11.5	173.83	-36.6	214.6	181.8	158.0	23.84	7.627	
3,800.0	3,758.5	3,797.0	3,781.6	12.7	11.8	173.86	-38.2	226.0	190.2	165.5	24.63	7.722	
3,895.0	3,851.4	3,891.6	3,875.5	13.2	12.2	173.89	-39.9	237.4	198.5	173.1	25.42	7.810	
3,900.0	3,856.3	3,896.6	3,880.5	13.2	12.2	173.89	-40.0	238.0	198.9	173.5	25.46	7.814	
3,990.0	3,944.3	3,986.3	3,969.5	13.6	12.6	173.92	-41.6	248.9	206.8	180.6	26.21	7.891	
4,000.0	3,954.1	3,996.2	3,979.3	13.6	12.6	173.92	-41.8	250.1	207.7	181.4	26.30	7.899	
4,085.0	4,037.2	4,080.9	4,063.4	14.0	12.9	173.94	-43.3	260.3	215.2	188.2	27.01	7.966	
4,100.0	4,051.9	4,095.8	4,078.2	14.1	13.0	173.94	-43.6	262.1	216.5	189.4	27.14	7.978	
4,180.0	4,130.2	4,175.5	4,157.3	14.4	13.3	173.96	-45.0	271.7	223.5	195.7	27.81	8.037	
4,200.0	4,149.7	4,195.4	4,177.1	14.5	13.4	173.97	-45.4	274.1	225.3	197.3	27.98	8.051	
4,275.0	4,223.1	4,270.2	4,251.2	14.8	13.7	173.99	-46.7	283.1	231.9	203.2	28.62	8.102	
4,300.0	4,247.6	4,295.1	4,276.0	15.0	13.8	173.99	-47.2	286.1	234.1	205.2	28.83	8.119	
4,370.0	4,316.0	4,364.8	4,345.2	15.3	14.1	174.01	-48.4	294.5	240.2	210.8	29.42	8.163	
4,400.0	4,345.4	4,394.7	4,374.8	15.4	14.2	174.01	-49.0	298.1	242.8	213.2	29.68	8.182	
4,465.0	4,408.9	4,459.4	4,439.1	15.7	14.4	174.02	-50.1	305.9	248.5	218.3	30.24	8.220	
4,500.0	4,443.2	4,494.3	4,473.7	15.9	14.6	174.03	-50.7	310.1	251.6	221.1	30.53	8.240	
4,560.0	4,501.9	4,554.1	4,533.0	16.1	14.8	174.04	-51.8	317.3	256.9	225.8	31.05	8.274	
4,600.0	4,541.0	4,593.9	4,572.6	16.3	15.0	174.05	-52.5	322.1	260.4	229.0	31.39	8.295	
4,655.0	4,594.8	4,648.7	4,626.9	16.6	15.2	174.06	-53.5	328.7	265.2	233.4	31.86	8.324	
4,700.0	4,638.8	4,693.5	4,671.4	16.8	15.4	174.07	-54.3	334.1	269.2	236.9	32.25	8.347	
4,750.0	4,687.7	4,743.3	4,720.9	17.0	15.6	174.07	-55.2	340.1	273.6	240.9	32.68	8.371	
4,800.0	4,736.6	4,793.1	4,770.3	17.2	15.8	174.08	-56.1	346.1	278.0	244.8	33.11	8.395	
4,845.0	4,780.6	4,838.0	4,814.8	17.4	16.0	174.09	-56.9	351.5	281.9	248.4	33.50	8.416	
4,900.0	4,834.4	4,892.7	4,869.2	17.7	16.2	174.10	-57.9	358.1	286.7	252.8	33.97	8.440	
4,940.0	4,873.6	4,932.6	4,908.7	17.8	16.4	174.10	-58.6	362.9	290.2	255.9	34.32	8.458	
5,000.0	4,932.3	4,992.4	4,968.1	18.1	16.6	174.11	-59.7	370.1	295.5	260.7	34.84	8.483	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
5,035.0	4,966.5	5,027.2	5,002.7	18.3	16.7	174.11	-60.3	374.4	298.6	263.4	35.14	8.497	
5,100.0	5,030.1	5,092.0	5,066.9	18.6	17.0	174.12	-61.4	382.2	304.3	268.6	35.70	8.523	
5,130.0	5,059.4	5,121.9	5,096.6	18.7	17.1	174.13	-62.0	385.8	306.9	271.0	35.96	8.535	
5,200.0	5,127.9	5,191.6	5,165.8	19.0	17.4	174.13	-63.2	394.2	313.1	276.5	36.57	8.561	
5,225.0	5,152.3	5,216.5	5,190.5	19.2	17.5	174.14	-63.7	397.2	315.3	278.5	36.79	8.570	
5,300.0	5,225.7	5,291.2	5,264.7	19.5	17.8	174.15	-65.0	406.2	321.9	284.4	37.44	8.597	
5,320.0	5,245.3	5,311.1	5,284.4	19.6	17.9	174.15	-65.4	408.6	323.6	286.0	37.61	8.604	
5,400.0	5,323.5	5,390.8	5,363.5	20.0	18.2	174.16	-66.8	418.2	330.6	292.3	38.31	8.631	
5,415.0	5,338.2	5,405.8	5,378.4	20.0	18.3	174.16	-67.1	420.0	332.0	293.5	38.44	8.636	
5,500.0	5,421.3	5,490.4	5,462.4	20.4	18.6	174.17	-68.6	430.2	339.4	300.2	39.18	8.663	
5,510.0	5,431.1	5,500.4	5,472.3	20.5	18.7	174.17	-68.8	431.4	340.3	301.0	39.27	8.666	
5,600.0	5,519.1	5,590.0	5,561.3	20.9	19.0	174.18	-70.4	442.2	348.2	308.1	40.05	8.693	
5,605.0	5,524.0	5,595.0	5,566.2	20.9	19.0	174.18	-70.5	442.8	348.6	308.5	40.10	8.695	
5,700.0	5,617.0	5,689.6	5,660.2	21.3	19.4	174.19	-72.1	454.2	357.0	316.0	40.93	8.722	
5,795.0	5,709.9	5,784.3	5,754.1	21.8	19.8	174.20	-73.8	465.6	365.3	323.6	41.76	8.748	
5,800.0	5,714.8	5,789.3	5,759.0	21.8	19.8	174.20	-73.9	466.2	365.8	324.0	41.80	8.750	
5,890.0	5,802.8	5,878.9	5,848.0	22.2	20.2	174.20	-75.5	477.0	373.7	331.1	42.59	8.773	
5,900.0	5,812.6	5,888.9	5,857.9	22.3	20.2	174.20	-75.7	478.2	374.5	331.9	42.68	8.776	
5,985.0	5,895.7	5,970.8	5,939.2	22.7	20.6	174.21	-77.2	488.0	382.2	338.8	43.39	8.808	
6,000.0	5,910.4	5,984.8	5,953.1	22.7	20.6	174.22	-77.4	489.5	383.6	340.1	43.51	8.817	
6,080.0	5,988.7	6,059.4	6,027.3	23.1	20.9	174.25	-78.6	497.3	391.9	347.7	44.15	8.876	
6,100.0	6,008.2	6,078.0	6,045.8	23.2	21.0	174.27	-78.8	499.1	394.1	349.8	44.31	8.894	
6,175.0	6,081.6	6,147.7	6,115.2	23.5	21.3	174.32	-79.7	505.3	403.1	358.2	44.90	8.977	
6,200.0	6,106.0	6,170.9	6,138.3	23.7	21.3	174.35	-80.0	507.2	406.3	361.2	45.10	9.008	
6,270.0	6,174.5	6,235.7	6,202.9	24.0	21.6	174.42	-80.7	512.0	415.7	370.1	45.63	9.110	
6,300.0	6,203.9	6,263.4	6,230.6	24.1	21.7	174.46	-81.0	513.8	420.0	374.1	45.86	9.158	
6,365.0	6,267.4	6,323.2	6,290.4	24.4	21.9	174.54	-81.5	517.3	429.7	383.4	46.34	9.274	
6,396.7	6,298.4	6,352.3	6,319.4	24.6	22.0	174.59	-81.7	518.7	434.7	388.2	46.56	9.336	
6,400.0	6,301.7	6,355.4	6,322.5	24.6	22.0	174.59	-81.8	518.9	435.3	388.7	46.59	9.343	
6,460.0	6,360.5	6,410.5	6,377.5	24.9	22.2	174.70	-82.1	521.2	444.5	397.5	47.01	9.454	
6,500.0	6,399.8	6,447.2	6,414.2	25.1	22.3	174.76	-82.3	522.5	450.3	403.0	47.29	9.522	
6,555.0	6,454.1	6,500.0	6,467.0	25.3	22.5	174.84	-82.5	523.9	457.7	410.1	47.68	9.599	
6,600.0	6,498.6	6,539.1	6,506.1	25.5	22.6	174.90	-82.6	524.6	463.4	415.5	47.92	9.670	
6,650.0	6,548.2	6,585.1	6,552.1	25.7	22.7	174.97	-82.7	525.2	469.3	421.1	48.21	9.734	
6,700.0	6,597.9	6,631.2	6,598.2	26.0	22.7	175.03	-82.7	525.3	474.7	426.2	48.45	9.798	
6,745.0	6,642.7	6,676.0	6,643.0	26.1	22.7	175.08	-82.7	525.3	479.0	430.3	48.64	9.848	
6,800.0	6,697.5	6,730.8	6,697.8	26.4	22.8	175.13	-82.7	525.3	483.3	434.4	48.87	9.888	
6,840.0	6,737.4	6,770.8	6,737.7	26.5	22.8	175.16	-82.7	525.3	485.7	436.7	49.03	9.906	
6,900.0	6,797.4	6,830.7	6,797.7	26.7	22.8	175.19	-82.7	525.3	488.4	439.1	49.26	9.913	
6,935.0	6,832.4	6,865.7	6,832.7	26.8	22.8	175.20	-82.7	525.3	489.3	440.0	49.33	9.919	
6,996.6	6,894.0	6,927.3	6,894.3	26.9	22.8	-90.26	-82.7	525.3	490.0	440.5	49.46	9.908	
7,000.0	6,897.4	6,930.7	6,897.7	26.9	22.8	-90.26	-82.7	525.3	490.0	440.5	49.46	9.907	
7,030.0	6,927.4	6,960.7	6,927.7	26.9	22.8	-90.26	-82.7	525.3	490.0	440.5	49.47	9.904	
7,100.0	6,997.4	7,030.7	6,997.7	26.9	22.8	-90.26	-82.7	525.3	490.0	440.5	49.51	9.896	
7,125.0	7,022.4	7,055.7	7,022.7	26.9	22.9	-90.26	-82.7	525.3	490.0	440.5	49.53	9.893	
7,200.0	7,097.4	7,130.7	7,097.7	26.9	22.9	-90.26	-82.7	525.3	490.0	440.4	49.57	9.884	
7,220.0	7,117.4	7,150.7	7,117.7	26.9	22.9	-90.26	-82.7	525.3	490.0	440.4	49.58	9.882	
7,300.0	7,197.4	7,230.7	7,197.7	26.9	22.9	-90.26	-82.7	525.3	490.0	440.4	49.63	9.873	
7,315.0	7,212.4	7,245.7	7,212.7	27.0	22.9	-90.26	-82.7	525.3	490.0	440.3	49.64	9.871	
7,400.0	7,297.4	7,330.7	7,297.7	27.0	22.9	-90.26	-82.7	525.3	490.0	440.3	49.69	9.861	
7,410.0	7,307.4	7,340.7	7,307.7	27.0	22.9	-90.26	-82.7	525.3	490.0	440.3	49.70	9.860	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
7,500.0	7,397.4	7,430.7	7,397.7	27.0	23.0	-90.26	-82.7	525.3	490.0	440.2	49.75	9.849	
7,505.0	7,402.4	7,435.7	7,402.7	27.0	23.0	-90.26	-82.7	525.3	490.0	440.2	49.75	9.849	
7,600.0	7,497.4	7,530.7	7,497.7	27.0	23.0	-90.26	-82.7	525.3	490.0	440.2	49.81	9.837	
7,695.0	7,592.4	7,625.7	7,592.7	27.1	23.0	-90.26	-82.7	525.3	490.0	440.1	49.87	9.826	
7,700.0	7,597.4	7,630.7	7,597.7	27.1	23.0	-90.26	-82.7	525.3	490.0	440.1	49.87	9.825	
7,790.0	7,687.4	7,720.7	7,687.7	27.1	23.1	-90.26	-82.7	525.3	490.0	440.1	49.92	9.815	
7,800.0	7,697.4	7,730.7	7,697.7	27.1	23.1	-90.26	-82.7	525.3	490.0	440.1	49.93	9.813	
7,885.0	7,782.4	7,815.7	7,782.7	27.1	23.1	-90.26	-82.7	525.3	490.0	440.0	49.98	9.803	
7,900.0	7,797.4	7,830.7	7,797.7	27.1	23.1	-90.26	-82.7	525.3	490.0	440.0	49.99	9.801	
7,980.0	7,877.4	7,910.7	7,877.7	27.1	23.1	-90.26	-82.7	525.3	490.0	439.9	50.04	9.792	
8,000.0	7,897.4	7,930.7	7,897.7	27.1	23.1	-90.26	-82.7	525.3	490.0	439.9	50.05	9.789	
8,075.0	7,972.4	8,005.7	7,972.7	27.2	23.2	-90.26	-82.7	525.3	490.0	439.9	50.10	9.780	
8,100.0	7,997.4	8,030.7	7,997.7	27.2	23.2	-90.26	-82.7	525.3	490.0	439.9	50.11	9.777	
8,170.0	8,067.4	8,100.7	8,067.7	27.2	23.2	-90.26	-82.7	525.3	490.0	439.8	50.16	9.769	
8,200.0	8,097.4	8,130.7	8,097.7	27.2	23.2	-90.26	-82.7	525.3	490.0	439.8	50.18	9.765	
8,265.0	8,162.4	8,195.7	8,162.7	27.2	23.2	-90.26	-82.7	525.3	490.0	439.8	50.22	9.757	
8,300.0	8,197.4	8,230.7	8,197.7	27.2	23.2	-90.26	-82.7	525.3	490.0	439.7	50.24	9.753	
8,360.0	8,257.4	8,290.7	8,257.7	27.2	23.3	-90.26	-82.7	525.3	490.0	439.7	50.28	9.745	
8,400.0	8,297.4	8,330.7	8,297.7	27.3	23.3	-90.26	-82.7	525.3	490.0	439.7	50.30	9.741	
8,455.0	8,352.4	8,385.7	8,352.7	27.3	23.3	-90.26	-82.7	525.3	490.0	439.6	50.34	9.734	
8,500.0	8,397.4	8,430.7	8,397.7	27.3	23.3	-90.26	-82.7	525.3	490.0	439.6	50.37	9.728	
8,550.0	8,447.4	8,480.7	8,447.7	27.3	23.3	-90.26	-82.7	525.3	490.0	439.6	50.40	9.722	
8,600.0	8,497.4	8,530.7	8,497.7	27.3	23.3	-90.26	-82.7	525.3	490.0	439.6	50.43	9.716	
8,645.0	8,542.4	8,575.7	8,542.7	27.3	23.4	-90.26	-82.7	525.3	490.0	439.5	50.46	9.710	
8,700.0	8,597.4	8,630.7	8,597.7	27.3	23.4	-90.26	-82.7	525.3	490.0	439.5	50.50	9.703	
8,740.0	8,637.4	8,670.7	8,637.7	27.4	23.4	-90.26	-82.7	525.3	490.0	439.5	50.52	9.698	
8,800.0	8,697.4	8,730.7	8,697.7	27.4	23.4	-90.26	-82.7	525.3	490.0	439.4	50.56	9.691	
8,835.0	8,732.4	8,765.7	8,732.7	27.4	23.4	-90.26	-82.7	525.3	490.0	439.4	50.59	9.686	
8,900.0	8,797.4	8,830.7	8,797.7	27.4	23.4	-90.26	-82.7	525.3	490.0	439.4	50.63	9.678	
8,930.0	8,827.4	8,860.7	8,827.7	27.4	23.5	-90.26	-82.7	525.3	490.0	439.3	50.65	9.674	
9,000.0	8,897.4	8,930.7	8,897.7	27.4	23.5	-90.26	-82.7	525.3	490.0	439.3	50.69	9.666	
9,025.0	8,922.4	8,955.7	8,922.7	27.4	23.5	-90.26	-82.7	525.3	490.0	439.3	50.71	9.662	
9,100.0	8,997.4	9,030.7	8,997.7	27.5	23.5	-90.26	-82.7	525.3	490.0	439.2	50.76	9.653	
9,120.0	9,017.4	9,050.7	9,017.7	27.5	23.5	-90.26	-82.7	525.3	490.0	439.2	50.77	9.650	
9,200.0	9,097.4	9,130.7	9,097.7	27.5	23.6	-90.26	-82.7	525.3	490.0	439.2	50.83	9.640	
9,215.0	9,112.4	9,145.7	9,112.7	27.5	23.6	-90.26	-82.7	525.3	490.0	439.1	50.84	9.638	
9,300.0	9,197.4	9,230.7	9,197.7	27.5	23.6	-90.26	-82.7	525.3	490.0	439.1	50.90	9.627	
9,310.0	9,207.4	9,240.7	9,207.7	27.5	23.6	-90.26	-82.7	525.3	490.0	439.1	50.90	9.626	
9,400.0	9,297.4	9,330.7	9,297.7	27.6	23.6	-90.26	-82.7	525.3	490.0	439.0	50.96	9.615	
9,405.0	9,302.4	9,335.7	9,302.7	27.6	23.6	-90.26	-82.7	525.3	490.0	439.0	50.97	9.614	
9,500.0	9,397.4	9,430.7	9,397.7	27.6	23.7	-90.26	-82.7	525.3	490.0	439.0	51.03	9.602	
9,595.0	9,492.4	9,525.7	9,492.7	27.6	23.7	-90.26	-82.7	525.3	490.0	438.9	51.10	9.589	
9,600.0	9,497.4	9,530.7	9,497.7	27.6	23.7	-90.26	-82.7	525.3	490.0	438.9	51.10	9.589	
9,690.0	9,587.4	9,620.7	9,587.7	27.7	23.7	-90.26	-82.7	525.3	490.0	438.8	51.16	9.577	
9,700.0	9,597.4	9,630.7	9,597.7	27.7	23.7	-90.26	-82.7	525.3	490.0	438.8	51.17	9.576	
9,785.0	9,682.4	9,715.7	9,682.7	27.7	23.8	-90.26	-82.7	525.3	490.0	438.8	51.23	9.565	
9,800.0	9,697.4	9,730.7	9,697.7	27.7	23.8	-90.26	-82.7	525.3	490.0	438.7	51.24	9.563	
9,854.7	9,752.0	9,785.4	9,752.3	27.7	23.8	-90.26	-82.7	525.3	490.0	438.7	51.27	9.557	
9,880.0	9,777.4	9,810.7	9,777.7	27.7	23.8	-90.19	-82.7	525.3	490.0	438.7	51.28	9.556	
9,900.0	9,797.3	9,830.6	9,797.6	27.7	23.8	-90.34	-82.7	525.3	490.0	438.7	51.28	9.556	
9,950.0	9,846.9	9,880.2	9,847.2	27.7	23.8	-91.04	-82.7	525.3	490.1	438.8	51.25	9.562	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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	9,871.5	9,904.8	9,871.8	27.7	23.8	-91.56	-82.7	525.3	490.2	439.0	51.22	9.570	
10,000.0	9,895.8	9,929.1	9,896.1	27.7	23.8	-92.20	-82.7	525.3	490.4	439.2	51.17	9.583	
10,050.0	9,943.6	9,977.1	9,944.1	27.7	23.9	-93.75	-82.7	525.3	491.2	440.1	51.02	9.626	
10,070.0	9,962.3	9,997.3	9,964.3	27.7	23.9	-94.48	-82.2	525.3	491.7	440.7	50.96	9.647	
10,100.0	9,989.9	10,028.1	9,995.0	27.7	23.8	-95.56	-80.2	525.3	492.6	441.7	50.88	9.681	
10,150.0	10,034.5	10,080.8	10,047.1	27.7	23.8	-97.35	-72.8	525.3	494.5	443.7	50.77	9.741	
10,165.0	10,047.4	10,096.9	10,062.9	27.7	23.8	-97.88	-69.6	525.3	495.2	444.4	50.74	9.759	
10,200.0	10,076.8	10,135.3	10,100.1	27.7	23.8	-99.11	-60.2	525.3	496.9	446.2	50.69	9.803	
10,250.0	10,116.7	10,191.7	10,153.5	27.8	23.8	-100.82	-41.9	525.2	499.7	449.1	50.66	9.864	
10,260.0	10,124.4	10,203.2	10,164.2	27.8	23.8	-101.15	-37.5	525.2	500.4	449.7	50.66	9.876	
10,300.0	10,153.9	10,250.2	10,206.7	27.8	23.8	-102.47	-17.4	525.2	502.9	452.2	50.70	9.919	
10,350.0	10,187.9	10,311.0	10,258.9	27.8	23.8	-104.04	13.5	525.1	506.3	455.4	50.81	9.964	
10,355.0	10,191.2	10,317.2	10,264.0	27.8	23.8	-104.19	17.0	525.1	506.6	455.8	50.83	9.967	
10,400.0	10,218.7	10,374.0	10,309.2	27.8	23.8	-105.51	51.3	525.0	509.7	458.7	51.01	9.993	
10,450.0	10,245.9	10,439.2	10,356.7	27.8	23.8	-106.86	95.9	524.9	513.1	461.8	51.29	10.005	
10,500.0	10,269.3	10,506.6	10,400.2	27.9	23.8	-108.06	147.5	524.8	516.4	464.7	51.64	9.998	
10,545.0	10,287.1	10,569.1	10,434.8	27.9	23.8	-109.00	199.5	524.7	519.0	467.0	52.03	9.976	
10,550.0	10,288.8	10,576.2	10,438.3	27.9	23.8	-109.09	205.6	524.7	519.3	467.2	52.07	9.972	
10,600.0	10,304.2	10,647.5	10,469.8	27.9	23.8	-109.93	269.6	524.5	521.7	469.1	52.54	9.930	
10,640.0	10,313.6	10,705.7	10,489.4	28.0	23.9	-110.44	324.3	524.4	523.2	470.3	52.92	9.886	
10,650.0	10,315.5	10,720.4	10,493.5	28.0	23.9	-110.55	338.4	524.4	523.5	470.5	53.02	9.874	
10,700.0	10,322.4	10,794.3	10,508.5	28.0	24.0	-110.93	410.7	524.2	524.7	471.2	53.49	9.809	
10,735.0	10,324.7	10,846.3	10,513.3	28.1	24.0	-111.05	462.5	524.1	525.0	471.2	53.79	9.760	
10,752.7	10,325.0	10,872.8	10,514.0	28.1	24.0	-111.06	488.9	524.0	525.1	471.1	53.93	9.735	
10,755.0	10,325.0	10,876.1	10,514.0	28.1	24.0	-111.06	492.3	524.0	525.1	471.1	53.95	9.732	
10,800.0	10,325.2	10,919.8	10,514.2	28.1	24.1	-111.06	536.0	523.9	525.1	471.0	54.05	9.714	
10,830.0	10,325.3	10,949.8	10,514.3	28.2	24.1	-111.06	566.0	523.8	525.1	471.0	54.12	9.703	
10,900.0	10,325.5	11,019.8	10,514.5	28.3	24.2	-111.06	636.0	523.7	525.1	470.8	54.27	9.675	
10,925.0	10,325.6	11,044.8	10,514.6	28.3	24.2	-111.06	661.0	523.6	525.1	470.7	54.34	9.663	
11,000.0	10,325.8	11,119.8	10,514.9	28.5	24.3	-111.06	736.0	523.5	525.1	470.5	54.53	9.628	
11,020.0	10,325.9	11,139.8	10,514.9	28.5	24.4	-111.07	756.0	523.4	525.1	470.5	54.59	9.618	
11,100.0	10,326.2	11,219.8	10,515.2	28.6	24.5	-111.07	836.0	523.2	525.1	470.2	54.84	9.575	
11,115.0	10,326.2	11,234.8	10,515.3	28.7	24.5	-111.07	851.0	523.2	525.1	470.2	54.89	9.566	
11,200.0	10,326.5	11,319.8	10,515.6	28.8	24.7	-111.07	936.0	523.0	525.1	469.9	55.18	9.515	
11,210.0	10,326.6	11,329.8	10,515.6	28.9	24.7	-111.07	946.0	523.0	525.1	469.9	55.22	9.508	
11,300.0	10,326.9	11,419.8	10,515.9	29.1	24.9	-111.07	1,036.0	522.8	525.1	469.5	55.57	9.449	
11,305.0	10,326.9	11,424.8	10,515.9	29.1	24.9	-111.07	1,041.0	522.8	525.1	469.5	55.59	9.445	
11,400.0	10,327.2	11,519.8	10,516.3	29.3	25.1	-111.07	1,136.0	522.6	525.1	469.1	56.00	9.377	
11,495.0	10,327.5	11,614.8	10,516.6	29.5	25.3	-111.07	1,231.0	522.3	525.1	468.7	56.44	9.304	
11,500.0	10,327.6	11,619.8	10,516.6	29.6	25.3	-111.07	1,236.0	522.3	525.1	468.6	56.46	9.300	
11,590.0	10,327.9	11,709.8	10,516.9	29.8	25.6	-111.07	1,326.0	522.1	525.1	468.2	56.91	9.227	
11,600.0	10,327.9	11,719.8	10,517.0	29.8	25.6	-111.07	1,336.0	522.1	525.1	468.1	56.96	9.218	
11,685.0	10,328.2	11,804.8	10,517.3	30.1	25.8	-111.07	1,421.0	521.9	525.1	467.7	57.42	9.145	
11,700.0	10,328.2	11,819.8	10,517.3	30.1	25.9	-111.07	1,436.0	521.9	525.1	467.6	57.50	9.132	
11,780.0	10,328.5	11,899.8	10,517.6	30.4	26.1	-111.07	1,516.0	521.7	525.1	467.1	57.96	9.060	
11,800.0	10,328.6	11,919.8	10,517.7	30.4	26.2	-111.07	1,536.0	521.6	525.1	467.0	58.08	9.042	
11,875.0	10,328.8	11,994.8	10,517.9	30.7	26.4	-111.07	1,611.0	521.5	525.1	466.6	58.53	8.972	
11,900.0	10,328.9	12,019.8	10,518.0	30.8	26.5	-111.07	1,636.0	521.4	525.1	466.4	58.68	8.948	
11,970.0	10,329.2	12,089.8	10,518.3	31.0	26.7	-111.07	1,706.0	521.3	525.1	466.0	59.13	8.880	
12,000.0	10,329.3	12,119.8	10,518.4	31.1	26.8	-111.07	1,736.0	521.2	525.1	465.8	59.33	8.851	
12,065.0	10,329.5	12,184.8	10,518.6	31.3	27.0	-111.07	1,801.0	521.0	525.1	465.3	59.76	8.786	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
12,100.0	10,329.6	12,219.8	10,518.7	31.5	27.2	-111.07	1,836.0	521.0	525.1	465.1	60.00	8.752	
12,160.0	10,329.8	12,279.8	10,518.9	31.7	27.4	-111.07	1,896.0	520.8	525.1	464.7	60.42	8.690	
12,200.0	10,330.0	12,319.8	10,519.1	31.8	27.5	-111.08	1,936.0	520.7	525.1	464.4	60.71	8.650	
12,255.0	10,330.1	12,374.8	10,519.3	32.0	27.8	-111.08	1,991.0	520.6	525.1	464.0	61.11	8.593	
12,300.0	10,330.3	12,419.8	10,519.4	32.2	27.9	-111.08	2,036.0	520.5	525.1	463.7	61.44	8.546	
12,350.0	10,330.5	12,469.8	10,519.6	32.4	28.1	-111.08	2,086.0	520.4	525.1	463.3	61.83	8.493	
12,400.0	10,330.6	12,519.8	10,519.8	32.6	28.3	-111.08	2,136.0	520.3	525.1	462.9	62.21	8.441	
12,445.0	10,330.8	12,564.8	10,519.9	32.8	28.5	-111.08	2,181.0	520.2	525.1	462.6	62.57	8.393	
12,500.0	10,331.0	12,619.8	10,520.1	33.0	28.7	-111.08	2,236.0	520.1	525.1	462.1	63.00	8.335	
12,540.0	10,331.1	12,659.8	10,520.3	33.2	28.9	-111.08	2,276.0	520.0	525.1	461.8	63.33	8.292	
12,600.0	10,331.3	12,719.8	10,520.5	33.4	29.2	-111.08	2,336.0	519.8	525.1	461.3	63.83	8.227	
12,635.0	10,331.4	12,754.8	10,520.6	33.6	29.3	-111.08	2,371.0	519.8	525.1	461.0	64.12	8.190	
12,700.0	10,331.7	12,819.8	10,520.8	33.8	29.6	-111.08	2,436.0	519.6	525.1	460.5	64.67	8.120	
12,730.0	10,331.8	12,849.8	10,520.9	34.0	29.7	-111.08	2,466.0	519.5	525.1	460.2	64.93	8.087	
12,800.0	10,332.0	12,919.8	10,521.2	34.3	30.1	-111.08	2,536.0	519.4	525.1	459.6	65.54	8.012	
12,825.0	10,332.1	12,944.8	10,521.3	34.4	30.2	-111.08	2,561.0	519.3	525.1	459.4	65.77	7.985	
12,900.0	10,332.3	13,019.8	10,521.5	34.7	30.5	-111.08	2,636.0	519.2	525.1	458.7	66.44	7.904	
12,920.0	10,332.4	13,039.8	10,521.6	34.8	30.6	-111.08	2,656.0	519.1	525.1	458.5	66.62	7.882	
13,000.0	10,332.7	13,119.8	10,521.9	35.2	31.0	-111.08	2,736.0	518.9	525.1	457.8	67.36	7.796	
13,015.0	10,332.7	13,134.8	10,521.9	35.3	31.1	-111.08	2,751.0	518.9	525.1	457.6	67.50	7.780	
13,100.0	10,333.0	13,219.8	10,522.2	35.7	31.5	-111.08	2,836.0	518.7	525.1	456.8	68.30	7.689	
13,110.0	10,333.1	13,229.8	10,522.3	35.7	31.5	-111.08	2,846.0	518.7	525.1	456.7	68.40	7.678	
13,200.0	10,333.4	13,319.8	10,522.6	36.2	32.0	-111.08	2,936.0	518.5	525.1	455.9	69.26	7.582	
13,205.0	10,333.4	13,324.8	10,522.6	36.2	32.0	-111.08	2,941.0	518.5	525.1	455.8	69.31	7.576	
13,300.0	10,333.7	13,419.8	10,522.9	36.7	32.5	-111.08	3,036.0	518.2	525.1	454.9	70.25	7.476	
13,395.0	10,334.0	13,514.8	10,523.3	37.1	33.0	-111.09	3,131.0	518.0	525.1	453.9	71.20	7.376	
13,400.0	10,334.1	13,519.8	10,523.3	37.2	33.0	-111.09	3,136.0	518.0	525.1	453.9	71.25	7.371	
13,490.0	10,334.4	13,609.8	10,523.6	37.6	33.5	-111.09	3,226.0	517.8	525.1	453.0	72.17	7.277	
13,500.0	10,334.4	13,619.8	10,523.6	37.7	33.6	-111.09	3,236.0	517.8	525.1	452.9	72.27	7.266	
13,585.0	10,334.7	13,704.8	10,523.9	38.1	34.0	-111.09	3,321.0	517.6	525.2	452.0	73.15	7.179	
13,600.0	10,334.7	13,719.8	10,524.0	38.2	34.1	-111.09	3,336.0	517.6	525.2	451.8	73.31	7.164	
13,680.0	10,335.0	13,799.8	10,524.3	38.6	34.5	-111.09	3,416.0	517.4	525.2	451.0	74.15	7.082	
13,700.0	10,335.1	13,819.8	10,524.3	38.7	34.6	-111.09	3,436.0	517.3	525.2	450.8	74.37	7.062	
13,775.0	10,335.3	13,894.8	10,524.6	39.1	35.1	-111.09	3,511.0	517.2	525.2	450.0	75.17	6.986	
13,800.0	10,335.4	13,919.8	10,524.7	39.2	35.2	-111.09	3,536.0	517.1	525.2	449.7	75.44	6.961	
13,870.0	10,335.7	13,989.8	10,524.9	39.6	35.6	-111.09	3,606.0	517.0	525.2	449.0	76.20	6.892	
13,900.0	10,335.8	14,019.8	10,525.0	39.8	35.8	-111.09	3,636.0	516.9	525.2	448.6	76.53	6.863	
13,965.0	10,336.0	14,084.8	10,525.3	40.1	36.1	-111.09	3,701.0	516.7	525.2	447.9	77.24	6.799	
14,000.0	10,336.1	14,119.8	10,525.4	40.3	36.3	-111.09	3,736.0	516.7	525.2	447.5	77.63	6.765	
14,060.0	10,336.3	14,179.8	10,525.6	40.7	36.7	-111.09	3,796.0	516.5	525.2	446.9	78.30	6.707	
14,100.0	10,336.5	14,219.8	10,525.7	40.9	36.9	-111.09	3,836.0	516.4	525.2	446.4	78.75	6.669	
14,155.0	10,336.6	14,274.8	10,525.9	41.2	37.2	-111.09	3,891.0	516.3	525.2	445.8	79.37	6.617	
14,200.0	10,336.8	14,319.8	10,526.1	41.4	37.5	-111.09	3,936.0	516.2	525.2	445.3	79.88	6.575	
14,250.0	10,337.0	14,369.8	10,526.3	41.7	37.8	-111.09	3,986.0	516.1	525.2	444.7	80.45	6.528	
14,300.0	10,337.1	14,419.8	10,526.4	42.0	38.1	-111.09	4,036.0	516.0	525.2	444.2	81.02	6.482	
14,345.0	10,337.3	14,464.8	10,526.6	42.3	38.3	-111.09	4,081.0	515.9	525.2	443.6	81.54	6.440	
14,400.0	10,337.5	14,519.8	10,526.8	42.6	38.7	-111.09	4,136.0	515.8	525.2	443.0	82.18	6.390	
14,440.0	10,337.6	14,559.8	10,526.9	42.8	38.9	-111.09	4,176.0	515.7	525.2	442.5	82.65	6.354	
14,500.0	10,337.8	14,619.8	10,527.1	43.2	39.3	-111.10	4,236.0	515.5	525.2	441.8	83.35	6.301	
14,535.0	10,337.9	14,654.8	10,527.3	43.4	39.5	-111.10	4,271.0	515.4	525.2	441.4	83.76	6.270	
14,600.0	10,338.2	14,719.8	10,527.5	43.8	39.9	-111.10	4,336.0	515.3	525.2	440.7	84.53	6.213	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
14,630.0	10,338.3	14,749.8	10,527.6	43.9	40.1	-111.10	4,366.0	515.2	525.2	440.3	84.89	6.187	
14,700.0	10,338.5	14,819.8	10,527.8	44.3	40.5	-111.10	4,436.0	515.1	525.2	439.5	85.72	6.126	
14,725.0	10,338.6	14,844.8	10,527.9	44.5	40.6	-111.10	4,461.0	515.0	525.2	439.2	86.03	6.105	
14,800.0	10,338.8	14,919.8	10,528.2	44.9	41.1	-111.10	4,536.0	514.8	525.2	438.3	86.93	6.042	
14,820.0	10,338.9	14,939.8	10,528.3	45.1	41.2	-111.10	4,556.0	514.8	525.2	438.0	87.17	6.025	
14,900.0	10,339.2	15,019.8	10,528.5	45.5	41.7	-111.10	4,636.0	514.6	525.2	437.1	88.14	5.959	
14,915.0	10,339.2	15,034.8	10,528.6	45.6	41.8	-111.10	4,651.0	514.6	525.2	436.9	88.32	5.946	
15,000.0	10,339.5	15,119.8	10,528.9	46.1	42.4	-111.10	4,736.0	514.4	525.2	435.8	89.36	5.877	
15,010.0	10,339.6	15,129.8	10,528.9	46.2	42.4	-111.10	4,746.0	514.4	525.2	435.7	89.49	5.869	
15,100.0	10,339.9	15,219.8	10,529.2	46.8	43.0	-111.10	4,836.0	514.2	525.2	434.6	90.60	5.797	
15,105.0	10,339.9	15,224.8	10,529.3	46.8	43.0	-111.10	4,841.0	514.2	525.2	434.5	90.66	5.793	
15,200.0	10,340.2	15,319.8	10,529.6	47.4	43.6	-111.10	4,936.0	513.9	525.2	433.4	91.84	5.719	
15,295.0	10,340.5	15,414.8	10,529.9	48.0	44.2	-111.10	5,031.0	513.7	525.2	432.2	93.03	5.646	
15,300.0	10,340.6	15,419.8	10,529.9	48.0	44.3	-111.10	5,036.0	513.7	525.2	432.1	93.09	5.642	
15,390.0	10,340.9	15,509.8	10,530.3	48.6	44.8	-111.10	5,125.9	513.5	525.2	431.0	94.22	5.574	
15,400.0	10,340.9	15,519.8	10,530.3	48.6	44.9	-111.10	5,135.9	513.5	525.2	430.9	94.35	5.567	
15,485.0	10,341.2	15,604.8	10,530.6	49.1	45.4	-111.10	5,220.9	513.3	525.2	429.8	95.43	5.504	
15,500.0	10,341.2	15,619.8	10,530.6	49.2	45.5	-111.10	5,235.9	513.3	525.2	429.6	95.62	5.493	
15,580.0	10,341.5	15,699.8	10,530.9	49.7	46.1	-111.10	5,315.9	513.1	525.2	428.6	96.63	5.435	
15,600.0	10,341.6	15,719.8	10,531.0	49.9	46.2	-111.10	5,335.9	513.0	525.2	428.3	96.89	5.421	
15,675.0	10,341.8	15,794.8	10,531.3	50.3	46.7	-111.11	5,410.9	512.9	525.2	427.4	97.85	5.368	
15,700.0	10,341.9	15,819.8	10,531.3	50.5	46.8	-111.11	5,435.9	512.8	525.2	427.0	98.17	5.350	
15,770.0	10,342.2	15,889.8	10,531.6	51.0	47.3	-111.11	5,505.9	512.6	525.2	426.1	99.07	5.301	
15,800.0	10,342.3	15,919.8	10,531.7	51.1	47.5	-111.11	5,535.9	512.6	525.2	425.8	99.46	5.281	
15,865.0	10,342.5	15,984.8	10,531.9	51.6	47.9	-111.11	5,600.9	512.4	525.2	424.9	100.30	5.236	
15,900.0	10,342.6	16,019.8	10,532.0	51.8	48.2	-111.11	5,635.9	512.4	525.2	424.5	100.76	5.213	
15,960.0	10,342.8	16,079.8	10,532.3	52.2	48.6	-111.11	5,695.9	512.2	525.2	423.7	101.54	5.173	
16,000.0	10,343.0	16,119.8	10,532.4	52.4	48.8	-111.11	5,735.9	512.1	525.2	423.2	102.06	5.146	
16,055.0	10,343.1	16,174.8	10,532.6	52.8	49.2	-111.11	5,790.9	512.0	525.2	422.4	102.78	5.110	
16,100.0	10,343.3	16,219.8	10,532.7	53.1	49.5	-111.11	5,835.9	511.9	525.2	421.9	103.37	5.081	
16,150.0	10,343.5	16,269.8	10,532.9	53.4	49.8	-111.11	5,885.9	511.8	525.2	421.2	104.03	5.049	
16,200.0	10,343.6	16,319.8	10,533.1	53.7	50.2	-111.11	5,935.9	511.7	525.2	420.5	104.68	5.017	
16,245.0	10,343.8	16,364.8	10,533.3	54.0	50.5	-111.11	5,980.9	511.6	525.2	420.0	105.28	4.989	
16,300.0	10,344.0	16,419.8	10,533.5	54.4	50.8	-111.11	6,035.9	511.4	525.2	419.2	106.00	4.955	
16,340.0	10,344.1	16,459.8	10,533.6	54.6	51.1	-111.11	6,075.9	511.4	525.2	418.7	106.54	4.930	
16,400.0	10,344.3	16,519.8	10,533.8	55.0	51.5	-111.11	6,135.9	511.2	525.2	417.9	107.33	4.894	
16,435.0	10,344.4	16,554.8	10,533.9	55.3	51.7	-111.11	6,170.9	511.1	525.2	417.4	107.80	4.872	
16,500.0	10,344.7	16,619.8	10,534.2	55.7	52.2	-111.11	6,235.9	511.0	525.2	416.6	108.66	4.834	
16,530.0	10,344.8	16,649.8	10,534.3	55.9	52.4	-111.11	6,265.9	510.9	525.2	416.2	109.06	4.816	
16,600.0	10,345.0	16,719.8	10,534.5	56.4	52.9	-111.11	6,335.9	510.8	525.2	415.2	110.00	4.775	
16,625.0	10,345.1	16,744.8	10,534.6	56.5	53.0	-111.11	6,360.9	510.7	525.2	414.9	110.34	4.760	
16,700.0	10,345.3	16,819.8	10,534.9	57.0	53.5	-111.11	6,435.9	510.5	525.2	413.9	111.34	4.717	
16,720.0	10,345.4	16,839.8	10,534.9	57.2	53.7	-111.11	6,455.9	510.5	525.2	413.6	111.61	4.706	
16,800.0	10,345.7	16,919.8	10,535.2	57.7	54.2	-111.11	6,535.9	510.3	525.3	412.6	112.69	4.661	
16,815.0	10,345.7	16,934.8	10,535.3	57.8	54.3	-111.12	6,550.9	510.3	525.3	412.4	112.89	4.653	
16,900.0	10,346.0	17,019.8	10,535.6	58.4	54.9	-111.12	6,635.9	510.1	525.3	411.2	114.04	4.606	
16,910.0	10,346.1	17,029.8	10,535.6	58.4	55.0	-111.12	6,645.9	510.1	525.3	411.1	114.18	4.600	
17,000.0	10,346.4	17,119.8	10,535.9	59.0	55.6	-111.12	6,735.9	509.9	525.3	409.9	115.40	4.552	
17,005.0	10,346.4	17,124.8	10,535.9	59.1	55.6	-111.12	6,740.9	509.8	525.3	409.8	115.47	4.549	
17,100.0	10,346.7	17,219.8	10,536.3	59.7	56.3	-111.12	6,835.9	509.6	525.3	408.5	116.76	4.499	
17,195.0	10,347.0	17,314.8	10,536.6	60.3	57.0	-111.12	6,930.9	509.4	525.3	407.2	118.06	4.449	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
17,200.0	10,347.1	17,319.8	10,536.6	60.4	57.0	-111.12	6,935.9	509.4	525.3	407.1	118.12	4.447	
17,290.0	10,347.4	17,409.8	10,536.9	61.0	57.6	-111.12	7,025.9	509.2	525.3	405.9	119.36	4.401	
17,300.0	10,347.4	17,419.8	10,537.0	61.0	57.7	-111.12	7,035.9	509.2	525.3	405.8	119.49	4.396	
17,385.0	10,347.7	17,504.8	10,537.3	61.6	58.3	-111.12	7,120.9	509.0	525.3	404.6	120.66	4.353	
17,400.0	10,347.7	17,519.8	10,537.3	61.7	58.4	-111.12	7,135.9	508.9	525.3	404.4	120.87	4.346	
17,480.0	10,348.0	17,599.8	10,537.6	62.3	58.9	-111.12	7,215.9	508.8	525.3	403.3	121.97	4.307	
17,500.0	10,348.1	17,619.8	10,537.7	62.4	59.1	-111.12	7,235.9	508.7	525.3	403.0	122.24	4.297	
17,575.0	10,348.3	17,694.8	10,537.9	62.9	59.6	-111.12	7,310.9	508.6	525.3	402.0	123.28	4.261	
17,600.0	10,348.4	17,719.8	10,538.0	63.1	59.8	-111.12	7,335.9	508.5	525.3	401.7	123.62	4.249	
17,670.0	10,348.7	17,789.8	10,538.3	63.6	60.3	-111.12	7,405.9	508.3	525.3	400.7	124.59	4.216	
17,700.0	10,348.8	17,819.8	10,538.4	63.8	60.5	-111.12	7,435.9	508.3	525.3	400.3	125.01	4.202	
17,765.0	10,349.0	17,884.8	10,538.6	64.2	60.9	-111.12	7,500.9	508.1	525.3	399.4	125.91	4.172	
17,800.0	10,349.1	17,919.8	10,538.7	64.5	61.2	-111.12	7,535.9	508.0	525.3	398.9	126.40	4.156	
17,860.0	10,349.3	17,979.8	10,538.9	64.9	61.6	-111.12	7,595.9	507.9	525.3	398.1	127.23	4.129	
17,900.0	10,349.5	18,019.8	10,539.1	65.2	61.9	-111.12	7,635.9	507.8	525.3	397.5	127.79	4.111	
17,955.0	10,349.6	18,074.8	10,539.3	65.5	62.3	-111.12	7,690.9	507.7	525.3	396.7	128.55	4.086	
18,000.0	10,349.8	18,119.8	10,539.4	65.8	62.6	-111.13	7,735.9	507.6	525.3	396.1	129.18	4.066	
18,050.0	10,350.0	18,169.8	10,539.6	66.2	62.9	-111.13	7,785.9	507.5	525.3	395.4	129.88	4.044	
18,100.0	10,350.1	18,219.8	10,539.8	66.5	63.3	-111.13	7,835.9	507.4	525.3	394.7	130.58	4.023	
18,145.0	10,350.3	18,264.8	10,539.9	66.8	63.6	-111.13	7,880.9	507.3	525.3	394.1	131.21	4.004	
18,200.0	10,350.5	18,319.8	10,540.1	67.2	64.0	-111.13	7,935.9	507.1	525.3	393.3	131.98	3.980	
18,240.0	10,350.6	18,359.8	10,540.3	67.5	64.3	-111.13	7,975.9	507.0	525.3	392.8	132.54	3.963	
18,300.0	10,350.8	18,419.8	10,540.5	67.9	64.7	-111.13	8,035.9	506.9	525.3	391.9	133.38	3.938	
18,335.0	10,350.9	18,454.8	10,540.6	68.2	64.9	-111.13	8,070.9	506.8	525.3	391.4	133.87	3.924	
18,400.0	10,351.2	18,519.8	10,540.8	68.6	65.4	-111.13	8,135.9	506.7	525.3	390.5	134.79	3.897	
18,430.0	10,351.3	18,549.8	10,540.9	68.8	65.6	-111.13	8,165.9	506.6	525.3	390.1	135.21	3.885	
18,500.0	10,351.5	18,619.8	10,541.2	69.3	66.1	-111.13	8,235.9	506.5	525.3	389.1	136.20	3.857	
18,525.0	10,351.6	18,644.8	10,541.3	69.5	66.3	-111.13	8,260.9	506.4	525.3	388.8	136.55	3.847	
18,600.0	10,351.8	18,719.8	10,541.5	70.0	66.8	-111.13	8,335.9	506.2	525.3	387.7	137.61	3.817	
18,620.0	10,351.9	18,739.8	10,541.6	70.2	67.0	-111.13	8,355.9	506.2	525.3	387.4	137.89	3.810	
18,700.0	10,352.2	18,819.8	10,541.9	70.7	67.5	-111.13	8,435.9	506.0	525.3	386.3	139.02	3.779	
18,715.0	10,352.2	18,834.8	10,541.9	70.8	67.6	-111.13	8,450.9	506.0	525.3	386.1	139.24	3.773	
18,800.0	10,352.5	18,919.8	10,542.2	71.4	68.3	-111.13	8,535.9	505.8	525.3	384.9	140.44	3.741	
18,810.0	10,352.6	18,929.8	10,542.3	71.5	68.3	-111.13	8,545.9	505.8	525.3	384.7	140.58	3.737	
18,900.0	10,352.9	19,019.8	10,542.6	72.1	69.0	-111.13	8,635.9	505.5	525.3	383.5	141.86	3.703	
18,905.0	10,352.9	19,024.8	10,542.6	72.2	69.0	-111.13	8,640.9	505.5	525.3	383.4	141.93	3.701	
19,000.0	10,353.2	19,119.8	10,542.9	72.8	69.7	-111.13	8,735.9	505.3	525.3	382.0	143.28	3.666	
19,095.0	10,353.5	19,214.8	10,543.3	73.5	70.4	-111.13	8,830.9	505.1	525.3	380.7	144.63	3.632	
19,100.0	10,353.6	19,219.8	10,543.3	73.5	70.4	-111.13	8,835.9	505.1	525.3	380.6	144.70	3.630	
19,190.0	10,353.9	19,309.8	10,543.6	74.2	71.1	-111.14	8,925.9	504.9	525.3	379.3	145.99	3.598	
19,200.0	10,353.9	19,319.8	10,543.6	74.2	71.1	-111.14	8,935.9	504.9	525.3	379.2	146.13	3.595	
19,285.0	10,354.2	19,404.8	10,543.9	74.8	71.7	-111.14	9,020.9	504.7	525.3	378.0	147.34	3.565	
19,300.0	10,354.2	19,419.8	10,544.0	74.9	71.8	-111.14	9,035.9	504.6	525.3	377.8	147.56	3.560	
19,380.0	10,354.5	19,499.8	10,544.2	75.5	72.4	-111.14	9,115.9	504.5	525.3	376.6	148.70	3.533	
19,400.0	10,354.6	19,519.8	10,544.3	75.7	72.6	-111.14	9,135.9	504.4	525.3	376.3	148.99	3.526	
19,475.0	10,354.8	19,594.8	10,544.6	76.2	73.1	-111.14	9,210.9	504.2	525.3	375.3	150.06	3.501	
19,500.0	10,354.9	19,619.8	10,544.7	76.4	73.3	-111.14	9,235.9	504.2	525.3	374.9	150.42	3.492	
19,570.0	10,355.2	19,689.8	10,544.9	76.9	73.8	-111.14	9,305.9	504.0	525.3	373.9	151.42	3.469	
19,600.0	10,355.3	19,719.8	10,545.0	77.1	74.0	-111.14	9,335.9	504.0	525.3	373.5	151.85	3.459	
19,665.0	10,355.5	19,784.8	10,545.2	77.5	74.5	-111.14	9,400.9	503.8	525.3	372.6	152.79	3.438	
19,700.0	10,355.6	19,819.8	10,545.4	77.8	74.7	-111.14	9,435.9	503.7	525.3	372.1	153.29	3.427	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
19,760.0	10,355.8	19,879.8	10,545.6	78.2	75.2	-111.14	9,495.9	503.6	525.3	371.2	154.15	3.408	
19,800.0	10,356.0	19,919.8	10,545.7	78.5	75.5	-111.14	9,535.9	503.5	525.3	370.6	154.73	3.395	
19,855.0	10,356.1	19,974.8	10,545.9	78.9	75.8	-111.14	9,590.9	503.4	525.3	369.8	155.52	3.378	
19,900.0	10,356.3	20,019.8	10,546.1	79.2	76.2	-111.14	9,635.9	503.3	525.3	369.2	156.17	3.364	
19,950.0	10,356.5	20,069.8	10,546.2	79.6	76.5	-111.14	9,685.9	503.2	525.4	368.5	156.89	3.349	
20,000.0	10,356.6	20,119.8	10,546.4	79.9	76.9	-111.14	9,735.9	503.1	525.4	367.7	157.61	3.333	
20,045.0	10,356.8	20,164.8	10,546.6	80.2	77.2	-111.14	9,780.9	503.0	525.4	367.1	158.26	3.320	
20,100.0	10,357.0	20,219.8	10,546.8	80.6	77.6	-111.14	9,835.9	502.8	525.4	366.3	159.05	3.303	
20,140.0	10,357.1	20,259.8	10,546.9	80.9	77.9	-111.14	9,875.9	502.7	525.4	365.7	159.63	3.291	
20,200.0	10,357.3	20,319.8	10,547.1	81.4	78.4	-111.14	9,935.9	502.6	525.4	364.9	160.50	3.273	
20,235.0	10,357.4	20,354.8	10,547.2	81.6	78.6	-111.14	9,970.9	502.5	525.4	364.4	161.00	3.263	
20,300.0	10,357.7	20,419.8	10,547.5	82.1	79.1	-111.15	10,035.9	502.4	525.4	363.4	161.94	3.244	
20,330.0	10,357.8	20,449.8	10,547.6	82.3	79.3	-111.15	10,065.9	502.3	525.4	363.0	162.38	3.235	
20,400.0	10,358.0	20,519.8	10,547.8	82.8	79.8	-111.15	10,135.9	502.1	525.4	362.0	163.39	3.215	
20,425.0	10,358.1	20,544.8	10,547.9	83.0	80.0	-111.15	10,160.9	502.1	525.4	361.6	163.76	3.208	
20,500.0	10,358.3	20,619.8	10,548.2	83.5	80.5	-111.15	10,235.9	501.9	525.4	360.5	164.84	3.187	
20,520.0	10,358.4	20,639.8	10,548.2	83.7	80.7	-111.15	10,255.9	501.9	525.4	360.2	165.13	3.181	
20,600.0	10,358.7	20,719.8	10,548.5	84.2	81.3	-111.15	10,335.9	501.7	525.4	359.1	166.29	3.159	
20,615.0	10,358.7	20,734.8	10,548.6	84.3	81.4	-111.15	10,350.9	501.7	525.4	358.9	166.51	3.155	
20,700.0	10,359.0	20,819.8	10,548.9	85.0	82.0	-111.15	10,435.9	501.5	525.4	357.6	167.75	3.132	
20,710.0	10,359.1	20,829.8	10,548.9	85.0	82.1	-111.15	10,445.9	501.4	525.4	357.5	167.89	3.129	
20,800.0	10,359.4	20,919.8	10,549.2	85.7	82.7	-111.15	10,535.9	501.2	525.4	356.2	169.20	3.105	
20,805.0	10,359.4	20,924.8	10,549.2	85.7	82.8	-111.15	10,540.9	501.2	525.4	356.1	169.27	3.104	
20,900.0	10,359.7	21,019.8	10,549.6	86.4	83.5	-111.15	10,635.9	501.0	525.4	354.7	170.66	3.079	
20,995.0	10,360.0	21,114.8	10,549.9	87.1	84.1	-111.15	10,730.9	500.8	525.4	353.3	172.04	3.054	
21,000.0	10,360.1	21,119.8	10,549.9	87.1	84.2	-111.15	10,735.9	500.8	525.4	353.3	172.11	3.053	
21,090.0	10,360.4	21,209.8	10,550.2	87.8	84.8	-111.15	10,825.9	500.6	525.4	352.0	173.43	3.029	
21,100.0	10,360.4	21,219.8	10,550.3	87.8	84.9	-111.15	10,835.9	500.6	525.4	351.8	173.57	3.027	
21,185.0	10,360.7	21,304.8	10,550.6	88.5	85.5	-111.15	10,920.9	500.4	525.4	350.6	174.81	3.005	
21,200.0	10,360.7	21,319.8	10,550.6	88.6	85.7	-111.15	10,935.9	500.3	525.4	350.4	175.03	3.002	
21,280.0	10,361.0	21,399.8	10,550.9	89.1	86.2	-111.15	11,015.9	500.2	525.4	349.2	176.20	2.982	
21,300.0	10,361.1	21,419.8	10,551.0	89.3	86.4	-111.15	11,035.9	500.1	525.4	348.9	176.49	2.977	
21,375.0	10,361.3	21,494.8	10,551.2	89.8	86.9	-111.15	11,110.9	499.9	525.4	347.8	177.59	2.958	
21,400.0	10,361.4	21,519.8	10,551.3	90.0	87.1	-111.15	11,135.9	499.9	525.4	347.4	177.95	2.952	
21,470.0	10,361.7	21,589.8	10,551.6	90.5	87.6	-111.16	11,205.9	499.7	525.4	346.4	178.98	2.936	
21,500.0	10,361.8	21,619.8	10,551.7	90.7	87.9	-111.16	11,235.9	499.7	525.4	346.0	179.42	2.928	
21,565.0	10,362.0	21,684.8	10,551.9	91.2	88.3	-111.16	11,300.9	499.5	525.4	345.0	180.37	2.913	
21,600.0	10,362.1	21,719.8	10,552.0	91.5	88.6	-111.16	11,335.9	499.4	525.4	344.5	180.88	2.905	
21,660.0	10,362.3	21,779.8	10,552.2	91.9	89.0	-111.16	11,395.9	499.3	525.4	343.6	181.76	2.891	
21,700.0	10,362.5	21,819.8	10,552.4	92.2	89.3	-111.16	11,435.9	499.2	525.4	343.1	182.35	2.881	
21,755.0	10,362.6	21,874.8	10,552.6	92.6	89.7	-111.16	11,490.9	499.1	525.4	342.3	183.15	2.869	
21,800.0	10,362.8	21,919.8	10,552.7	92.9	90.1	-111.16	11,535.9	499.0	525.4	341.6	183.81	2.858	
21,850.0	10,363.0	21,969.8	10,552.9	93.3	90.4	-111.16	11,585.9	498.9	525.4	340.9	184.55	2.847	
21,900.0	10,363.1	22,019.8	10,553.1	93.6	90.8	-111.16	11,635.9	498.7	525.4	340.1	185.28	2.836	
21,945.0	10,363.3	22,064.8	10,553.2	94.0	91.1	-111.16	11,680.9	498.6	525.4	339.5	185.94	2.826	
22,000.0	10,363.5	22,119.8	10,553.4	94.4	91.5	-111.16	11,735.9	498.5	525.4	338.7	186.75	2.813	
22,040.0	10,363.6	22,159.8	10,553.6	94.7	91.8	-111.16	11,775.9	498.4	525.4	338.1	187.34	2.805	
22,100.0	10,363.8	22,219.8	10,553.8	95.1	92.3	-111.16	11,835.9	498.3	525.4	337.2	188.22	2.791	
22,135.0	10,363.9	22,254.8	10,553.9	95.4	92.5	-111.16	11,870.9	498.2	525.4	336.7	188.74	2.784	
22,200.0	10,364.2	22,319.8	10,554.1	95.8	93.0	-111.16	11,935.9	498.1	525.4	335.7	189.69	2.770	
22,230.0	10,364.3	22,349.8	10,554.2	96.1	93.2	-111.16	11,965.9	498.0	525.4	335.3	190.13	2.763	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 #908H - 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, 10872-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
22,300.0	10,364.5	22,419.8	10,554.5	96.6	93.7	-111.16	12,035.9	497.8	525.4	334.3	191.16	2.749	
22,314.7	10,364.6	22,434.5	10,554.5	96.7	93.8	-111.16	12,050.6	497.8	525.4	334.0	191.38	2.745	
22,325.0	10,364.6	22,444.8	10,554.6	96.8	93.9	-111.16	12,060.9	497.8	525.4	333.9	191.53	2.743	
22,400.0	10,364.8	22,519.8	10,554.8	97.3	94.5	-111.16	12,135.9	497.6	525.4	332.8	192.63	2.728	
22,420.0	10,364.9	22,539.8	10,554.9	97.4	94.6	-111.16	12,155.9	497.6	525.4	332.5	192.93	2.723	
22,444.7	10,365.0	22,564.5	10,555.0	97.6	94.8	-111.16	12,180.6	497.5	525.4	332.1	193.29	2.718	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	0.4	0.4	3.0	3.0	-90.33	-0.3	-60.0	60.0				
95.0	95.0	95.4	95.4	3.0	3.0	-90.33	-0.3	-60.0	60.0	54.0	6.04	9.939	
100.0	100.0	100.4	100.4	3.0	3.0	-90.33	-0.3	-60.0	60.0	53.9	6.04	9.930	
190.0	190.0	190.4	190.4	3.1	3.1	-90.33	-0.3	-60.0	60.0	53.7	6.25	9.594	
200.0	200.0	200.4	200.4	3.1	3.1	-90.33	-0.3	-60.0	60.0	53.7	6.29	9.543	
285.0	285.0	285.4	285.4	3.3	3.3	-90.33	-0.3	-60.0	60.0	53.5	6.48	9.253	
300.0	300.0	300.4	300.4	3.3	3.3	-90.33	-0.3	-60.0	60.0	53.5	6.52	9.197	
380.0	380.0	380.4	380.4	3.4	3.4	-90.33	-0.3	-60.0	60.0	53.3	6.70	8.951	
400.0	400.0	400.4	400.4	3.4	3.4	-90.33	-0.3	-60.0	60.0	53.2	6.75	8.887	
475.0	475.0	475.4	475.4	3.5	3.5	-90.33	-0.3	-60.0	60.0	53.1	6.91	8.677	
500.0	500.0	500.4	500.4	3.5	3.5	-90.33	-0.3	-60.0	60.0	53.0	6.97	8.606	
570.0	570.0	570.4	570.4	3.6	3.6	-90.33	-0.3	-60.0	60.0	52.9	7.12	8.427	
600.0	600.0	600.4	600.4	3.6	3.6	-90.33	-0.3	-60.0	60.0	52.8	7.18	8.350	
665.0	665.0	665.4	665.4	3.7	3.7	-90.33	-0.3	-60.0	60.0	52.7	7.32	8.197	
700.0	700.0	700.4	700.4	3.8	3.8	-90.33	-0.3	-60.0	60.0	52.6	7.39	8.115	
760.0	760.0	760.4	760.4	3.8	3.8	-90.33	-0.3	-60.0	60.0	52.5	7.51	7.986	
800.0	800.0	800.4	800.4	3.9	3.9	-90.33	-0.3	-60.0	60.0	52.4	7.59	7.900	
855.0	855.0	855.4	855.4	4.0	4.0	-90.33	-0.3	-60.0	60.0	52.3	7.70	7.790	
900.0	900.0	900.4	900.4	4.0	4.0	-90.33	-0.3	-60.0	60.0	52.2	7.79	7.700	
950.0	950.0	950.4	950.4	4.1	4.1	-90.33	-0.3	-60.0	60.0	52.1	7.89	7.607	
1,000.0	1,000.0	1,000.4	1,000.4	4.1	4.1	-90.33	-0.3	-60.0	60.0	52.0	7.98	7.515	
1,045.0	1,045.0	1,045.4	1,045.4	4.2	4.2	-90.33	-0.3	-60.0	60.0	51.9	8.07	7.437	
1,100.0	1,100.0	1,100.4	1,100.4	4.2	4.2	-90.33	-0.3	-60.0	60.0	51.8	8.17	7.343	
1,140.0	1,140.0	1,140.4	1,140.4	4.3	4.3	-90.33	-0.3	-60.0	60.0	51.7	8.24	7.278	
1,200.0	1,200.0	1,200.4	1,200.4	4.4	4.4	-90.33	-0.3	-60.0	60.0	51.6	8.35	7.182	
1,235.0	1,235.0	1,235.4	1,235.4	4.4	4.4	-90.33	-0.3	-60.0	60.0	51.6	8.42	7.129	
1,300.0	1,300.0	1,300.4	1,300.4	4.5	4.5	-90.33	-0.3	-60.0	60.0	51.5	8.53	7.031	
1,330.0	1,330.0	1,330.4	1,330.4	4.5	4.5	-90.33	-0.3	-60.0	60.0	51.4	8.58	6.988	
1,400.0	1,400.0	1,400.4	1,400.4	4.6	4.6	-90.33	-0.3	-60.0	60.0	51.3	8.71	6.890	
1,425.0	1,425.0	1,425.4	1,425.4	4.6	4.6	-90.33	-0.3	-60.0	60.0	51.2	8.75	6.856	
1,500.0	1,500.0	1,500.4	1,500.4	4.7	4.7	-90.33	-0.4	-60.0	60.0	51.1	8.88	6.756	
1,501.3	1,501.3	1,501.7	1,501.7	4.7	4.7	175.13	-0.4	-60.0	60.0	51.1	8.88	6.753 CC	
1,520.0	1,520.0	1,520.7	1,520.7	4.7	4.7	175.09	-0.4	-59.9	60.0	51.1	8.95	6.707 ES	
1,600.0	1,600.0	1,602.0	1,602.0	4.8	4.9	174.12	-1.6	-58.6	60.4	51.2	9.22	6.555	
1,615.0	1,615.0	1,617.2	1,617.2	4.8	4.9	173.80	-1.9	-58.2	60.5	51.3	9.29	6.518	
1,700.0	1,699.8	1,703.5	1,703.3	5.0	5.1	171.21	-5.1	-54.6	61.8	52.1	9.70	6.369	
1,710.0	1,709.8	1,713.6	1,713.4	5.0	5.1	170.82	-5.6	-54.0	62.0	52.3	9.74	6.366	
1,800.0	1,799.5	1,804.0	1,803.5	5.2	5.2	167.05	-10.7	-48.3	64.8	54.7	10.07	6.432	
1,805.0	1,804.4	1,809.0	1,808.5	5.2	5.2	166.86	-11.0	-48.0	65.0	54.9	10.09	6.440	
1,900.0	1,898.7	1,903.7	1,902.8	5.5	5.4	163.85	-16.5	-41.8	71.2	60.6	10.54	6.751	
1,995.0	1,992.5	1,998.2	1,997.0	5.8	5.6	162.01	-21.9	-35.7	80.5	69.5	11.00	7.311	
2,000.0	1,997.5	2,003.2	2,001.9	5.9	5.6	161.94	-22.2	-35.3	81.0	70.0	11.03	7.347	
2,090.0	2,085.8	2,092.4	2,090.8	6.2	5.9	161.17	-27.4	-29.5	92.8	81.3	11.49	8.073	
2,100.0	2,095.6	2,102.3	2,100.6	6.2	5.9	161.13	-28.0	-28.9	94.2	82.7	11.54	8.164	
2,185.0	2,178.8	2,186.4	2,184.4	6.5	6.1	160.91	-32.8	-23.4	106.9	94.9	11.94	8.950	
2,200.0	2,193.4	2,201.2	2,199.2	6.5	6.1	160.88	-33.7	-22.4	109.1	97.1	12.01	9.083	
2,280.0	2,271.7	2,280.3	2,278.0	6.7	6.4	160.73	-38.2	-17.3	121.0	108.6	12.40	9.755	
2,300.0	2,291.3	2,300.1	2,297.7	6.8	6.4	160.69	-39.4	-16.0	124.0	111.5	12.50	9.916	
2,375.0	2,364.6	2,374.3	2,371.6	7.1	6.6	160.58	-43.7	-11.1	135.1	122.2	12.88	10.488	
2,400.0	2,389.1	2,399.0	2,396.2	7.1	6.7	160.55	-45.1	-9.5	138.8	125.8	13.01	10.671	
2,470.0	2,457.5	2,468.2	2,465.2	7.4	6.9	160.46	-49.1	-5.0	149.2	135.9	13.38	11.155	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,500.0	2,486.9	2,497.9	2,494.7	7.5	7.0	160.43	-50.8	-3.1	153.7	140.2	13.54	11.354	
2,565.0	2,550.5	2,562.1	2,558.7	7.7	7.2	160.36	-54.5	1.1	163.4	149.5	13.89	11.763	
2,600.0	2,584.7	2,596.8	2,593.2	7.8	7.3	160.33	-56.5	3.4	168.6	154.5	14.08	11.974	
2,660.0	2,643.4	2,656.1	2,652.3	8.1	7.5	160.28	-60.0	7.2	177.5	163.1	14.41	12.317	
2,700.0	2,682.5	2,695.6	2,691.7	8.2	7.6	160.25	-62.3	9.8	183.4	168.8	14.63	12.536	
2,755.0	2,736.3	2,750.0	2,745.9	8.4	7.8	160.21	-65.4	13.3	191.6	176.7	14.94	12.823	
2,800.0	2,780.3	2,794.5	2,790.2	8.6	7.9	160.18	-68.0	16.2	198.3	183.1	15.20	13.048	
2,850.0	2,829.2	2,843.9	2,839.4	8.8	8.0	160.15	-70.8	19.5	205.7	190.3	15.45	13.313	
2,900.0	2,878.1	2,892.3	2,887.7	9.0	8.2	160.18	-73.5	22.4	213.3	197.6	15.72	13.572	
2,945.0	2,922.2	2,935.8	2,931.1	9.2	8.3	160.28	-75.6	24.8	220.3	204.3	15.98	13.791	
3,000.0	2,976.0	2,989.0	2,984.1	9.4	8.5	160.50	-77.9	27.4	229.1	212.8	16.30	14.057	
3,040.0	3,015.1	3,027.5	3,022.6	9.5	8.6	160.70	-79.4	29.1	235.8	219.2	16.54	14.251	
3,100.0	3,073.8	3,085.3	3,080.3	9.8	8.8	161.09	-81.2	31.2	245.9	229.0	16.91	14.545	
3,135.0	3,108.0	3,118.9	3,113.9	9.9	8.9	161.35	-82.2	32.2	252.0	234.9	17.13	14.718	
3,200.0	3,171.6	3,181.2	3,176.1	10.2	9.1	161.89	-83.5	33.7	263.7	246.2	17.53	15.044	
3,230.0	3,200.9	3,209.9	3,204.8	10.3	9.1	162.17	-84.0	34.3	269.2	251.5	17.72	15.196	
3,300.0	3,269.4	3,276.6	3,271.6	10.6	9.3	162.87	-84.7	35.1	282.5	264.3	18.15	15.562	
3,325.0	3,293.9	3,300.0	3,294.9	10.7	9.4	163.12	-84.8	35.2	287.3	269.0	18.31	15.696	
3,400.0	3,367.2	3,372.7	3,367.6	11.0	9.4	163.95	-84.9	35.3	302.2	283.5	18.70	16.163	
3,420.0	3,386.8	3,392.3	3,387.2	11.1	9.4	164.17	-84.9	35.3	306.2	287.4	18.80	16.287	
3,500.0	3,465.0	3,470.5	3,465.4	11.4	9.5	164.97	-84.9	35.3	322.3	303.1	19.25	16.745	
3,515.0	3,479.7	3,485.2	3,480.1	11.5	9.5	165.12	-84.9	35.3	325.3	306.0	19.33	16.828	
3,600.0	3,562.8	3,568.3	3,563.2	11.9	9.5	165.87	-84.9	35.3	342.5	322.6	19.81	17.291	
3,610.0	3,572.6	3,578.1	3,573.0	11.9	9.5	165.96	-84.9	35.3	344.5	324.6	19.86	17.344	
3,700.0	3,660.7	3,666.1	3,661.1	12.3	9.6	166.68	-84.9	35.3	362.7	342.3	20.36	17.813	
3,705.0	3,665.6	3,671.0	3,666.0	12.3	9.6	166.71	-84.9	35.3	363.7	343.3	20.39	17.838	
3,800.0	3,758.5	3,764.0	3,758.9	12.7	9.7	167.39	-84.9	35.3	383.0	362.0	20.91	18.311	
3,895.0	3,851.4	3,856.9	3,851.8	13.2	9.7	168.01	-84.9	35.3	402.3	380.8	21.44	18.765	
3,900.0	3,856.3	3,861.8	3,856.7	13.2	9.7	168.04	-84.9	35.3	403.3	381.8	21.46	18.788	
3,990.0	3,944.3	3,949.8	3,944.7	13.6	9.8	168.56	-84.9	35.3	421.6	399.7	21.96	19.200	
4,000.0	3,954.1	3,959.6	3,954.5	13.6	9.8	168.62	-84.9	35.3	423.7	401.7	22.02	19.244	
4,085.0	4,037.2	4,042.7	4,037.6	14.0	9.9	169.07	-84.9	35.3	441.0	418.5	22.48	19.616	
4,100.0	4,051.9	4,057.4	4,052.3	14.1	9.9	169.15	-84.9	35.3	444.1	421.5	22.56	19.681	
4,180.0	4,130.2	4,135.7	4,130.6	14.4	9.9	169.54	-84.9	35.3	460.4	437.4	23.00	20.016	
4,200.0	4,149.7	4,155.2	4,150.1	14.5	9.9	169.63	-84.9	35.3	464.5	441.4	23.11	20.098	
4,275.0	4,223.1	4,228.6	4,223.5	14.8	10.0	169.96	-84.9	35.3	479.9	456.4	23.52	20.400	
4,300.0	4,247.6	4,253.0	4,248.0	15.0	10.0	170.07	-84.9	35.3	485.0	461.4	23.66	20.498	
4,370.0	4,316.0	4,321.5	4,316.4	15.3	10.1	170.36	-84.9	35.3	499.4	475.3	24.05	20.768	
4,400.0	4,345.4	4,350.9	4,345.8	15.4	10.1	170.48	-84.9	35.3	505.5	481.3	24.21	20.881	
4,465.0	4,408.9	4,414.4	4,409.3	15.7	10.1	170.72	-84.9	35.3	518.9	494.3	24.57	21.122	
4,500.0	4,443.2	4,448.7	4,443.6	15.9	10.2	170.85	-84.9	35.3	526.0	501.3	24.76	21.248	
4,560.0	4,501.9	4,507.4	4,502.3	16.1	10.2	171.06	-84.9	35.3	538.4	513.3	25.09	21.461	
4,600.0	4,541.0	4,546.5	4,541.4	16.3	10.2	171.20	-84.9	35.3	546.6	521.3	25.30	21.601	
4,655.0	4,594.8	4,600.3	4,595.2	16.6	10.3	171.38	-84.9	35.3	557.9	532.3	25.61	21.788	
4,700.0	4,638.8	4,644.3	4,639.2	16.8	10.3	171.52	-84.9	35.3	567.2	541.3	25.85	21.939	
4,750.0	4,687.7	4,693.2	4,688.1	17.0	10.3	171.67	-84.9	35.3	577.4	551.3	26.13	22.103	
4,800.0	4,736.6	4,742.1	4,737.0	17.2	10.4	171.82	-84.9	35.3	587.7	561.3	26.40	22.264	
4,845.0	4,780.6	4,786.1	4,781.0	17.4	10.4	171.95	-84.9	35.3	597.0	570.4	26.64	22.406	
4,900.0	4,834.4	4,839.9	4,834.8	17.7	10.4	172.10	-84.9	35.3	608.3	581.4	26.95	22.576	
4,940.0	4,873.6	4,879.1	4,874.0	17.8	10.5	172.20	-84.9	35.3	616.6	589.4	27.16	22.698	
5,000.0	4,932.3	4,937.7	4,932.7	18.1	10.5	172.36	-84.9	35.3	628.9	601.4	27.49	22.876	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,035.0	4,966.5	4,972.0	4,966.9	18.3	10.5	172.44	-84.9	35.3	636.2	608.5	27.68	22.979	
5,100.0	5,030.1	5,035.6	5,030.5	18.6	10.6	172.60	-84.9	35.3	649.6	621.5	28.04	23.165	
5,130.0	5,059.4	5,064.9	5,059.8	18.7	10.6	172.67	-84.9	35.3	655.7	627.5	28.20	23.250	
5,200.0	5,127.9	5,133.4	5,128.3	19.0	10.7	172.83	-84.9	35.3	670.2	641.6	28.59	23.443	
5,225.0	5,152.3	5,157.8	5,152.7	19.2	10.7	172.88	-84.9	35.3	675.3	646.6	28.72	23.511	
5,300.0	5,225.7	5,231.2	5,226.1	19.5	10.7	173.04	-84.9	35.3	690.8	661.7	29.13	23.711	
5,320.0	5,245.3	5,250.8	5,245.7	19.6	10.7	173.09	-84.9	35.3	695.0	665.7	29.24	23.764	
5,400.0	5,323.5	5,329.0	5,323.9	20.0	10.8	173.25	-84.9	35.3	711.5	681.8	29.68	23.970	
5,415.0	5,338.2	5,343.7	5,338.6	20.0	10.8	173.28	-84.9	35.3	714.6	684.8	29.76	24.007	
5,500.0	5,421.3	5,426.8	5,421.7	20.4	10.9	173.44	-84.9	35.3	732.1	701.9	30.23	24.219	
5,510.0	5,431.1	5,436.6	5,431.5	20.5	10.9	173.46	-84.9	35.3	734.2	703.9	30.28	24.243	
5,600.0	5,519.1	5,524.6	5,519.5	20.9	10.9	173.62	-84.9	35.3	752.8	722.0	30.78	24.459	
5,605.0	5,524.0	5,529.5	5,524.4	20.9	10.9	173.63	-84.9	35.3	753.8	723.0	30.81	24.471	
5,700.0	5,617.0	5,622.4	5,617.4	21.3	11.0	173.79	-84.9	35.3	773.5	742.1	31.33	24.691	
5,795.0	5,709.9	5,715.4	5,710.3	21.8	11.1	173.94	-84.9	35.3	793.1	761.3	31.85	24.904	
5,800.0	5,714.8	5,720.3	5,715.2	21.8	11.1	173.95	-84.9	35.3	794.1	762.3	31.87	24.915	
5,890.0	5,802.8	5,808.3	5,803.2	22.2	11.1	174.09	-84.9	35.3	812.8	780.4	32.37	25.111	
5,900.0	5,812.6	5,818.1	5,813.0	22.3	11.1	174.11	-84.9	35.3	814.8	782.4	32.42	25.132	
5,985.0	5,895.7	5,901.2	5,896.1	22.7	11.2	174.23	-84.9	35.3	832.4	799.5	32.89	25.310	
6,000.0	5,910.4	5,915.9	5,910.8	22.7	11.2	174.25	-84.9	35.3	835.5	802.5	32.97	25.341	
6,080.0	5,988.7	5,994.1	5,989.1	23.1	11.3	174.37	-84.9	35.3	852.1	818.7	33.41	25.504	
6,100.0	6,008.2	6,013.7	6,008.6	23.2	11.3	174.39	-84.9	35.3	856.2	822.7	33.52	25.544	
6,175.0	6,081.6	6,087.1	6,082.0	23.5	11.3	174.49	-84.9	35.3	871.7	837.8	33.93	25.692	
6,200.0	6,106.0	6,111.5	6,106.4	23.7	11.4	174.53	-84.9	35.3	876.9	842.8	34.07	25.740	
6,270.0	6,174.5	6,180.0	6,174.9	24.0	11.4	174.61	-84.9	35.3	891.4	856.9	34.45	25.874	
6,300.0	6,203.9	6,209.3	6,204.3	24.1	11.4	174.65	-84.9	35.3	897.6	863.0	34.62	25.930	
6,365.0	6,267.4	6,272.9	6,267.8	24.4	11.5	174.73	-84.9	35.3	911.1	876.1	34.97	26.051	
6,396.7	6,298.4	6,303.9	6,298.8	24.6	11.5	174.77	-84.9	35.3	917.6	882.5	35.15	26.109	
6,400.0	6,301.7	6,307.2	6,302.1	24.6	11.5	174.77	-84.9	35.3	918.3	883.1	35.16	26.116	
6,460.0	6,360.5	6,366.0	6,360.9	24.9	11.6	174.86	-84.9	35.3	930.0	894.6	35.50	26.200	
6,500.0	6,399.8	6,405.3	6,400.2	25.1	11.6	174.91	-84.9	35.3	937.2	901.5	35.72	26.236	
6,555.0	6,454.1	6,459.6	6,454.5	25.3	11.6	174.98	-84.9	35.3	946.1	910.1	36.02	26.269	
6,600.0	6,498.6	6,504.1	6,499.0	25.5	11.7	175.02	-84.9	35.3	952.7	916.4	36.26	26.274	
6,650.0	6,548.2	6,553.7	6,548.6	25.7	11.7	175.07	-84.9	35.3	959.1	922.6	36.52	26.265	
6,700.0	6,597.9	6,603.4	6,598.3	26.0	11.7	175.11	-84.9	35.3	964.7	927.9	36.77	26.234	
6,745.0	6,642.7	6,648.2	6,643.1	26.1	11.8	175.14	-84.9	35.3	969.0	932.0	36.99	26.196	
6,800.0	6,697.5	6,703.0	6,697.9	26.4	11.8	175.16	-84.9	35.3	973.3	936.0	37.25	26.125	
6,840.0	6,737.4	6,742.9	6,737.8	26.5	11.8	175.18	-84.9	35.3	975.7	938.3	37.43	26.069	
6,900.0	6,797.4	6,802.9	6,797.8	26.7	11.9	175.20	-84.9	35.3	978.4	940.7	37.69	25.958	
6,935.0	6,832.4	6,837.9	6,832.8	26.8	11.9	175.20	-84.9	35.3	979.3	941.5	37.78	25.924	
6,996.6	6,894.0	6,899.5	6,894.4	26.9	11.9	-90.26	-84.9	35.3	980.0	942.1	37.93	25.838	
7,000.0	6,897.4	6,902.8	6,897.8	26.9	12.0	-90.26	-84.9	35.3	980.0	942.0	37.93	25.836	
7,030.0	6,927.4	6,932.8	6,927.8	26.9	12.0	-90.26	-84.9	35.3	980.0	942.0	37.96	25.814	
7,100.0	6,997.4	7,002.8	6,997.8	26.9	12.0	-90.26	-84.9	35.3	980.0	941.9	38.04	25.764	
7,125.0	7,022.4	7,027.8	7,022.8	26.9	12.0	-90.26	-84.9	35.3	980.0	941.9	38.06	25.746	
7,200.0	7,097.4	7,102.8	7,097.8	26.9	12.1	-90.26	-84.9	35.3	980.0	941.8	38.14	25.692	
7,220.0	7,117.4	7,122.8	7,117.8	26.9	12.1	-90.26	-84.9	35.3	980.0	941.8	38.16	25.678	
7,300.0	7,197.4	7,202.8	7,197.8	26.9	12.2	-90.26	-84.9	35.3	980.0	941.7	38.25	25.621	
7,315.0	7,212.4	7,217.8	7,212.8	27.0	12.2	-90.26	-84.9	35.3	980.0	941.7	38.27	25.610	
7,400.0	7,297.4	7,302.8	7,297.8	27.0	12.3	-90.26	-84.9	35.3	980.0	941.6	38.36	25.549	
7,410.0	7,307.4	7,312.8	7,307.8	27.0	12.3	-90.26	-84.9	35.3	980.0	941.6	38.37	25.542	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
7,500.0	7,397.4	7,402.8	7,397.8	27.0	12.3	-90.26	-84.9	35.3	980.0	941.5	38.46	25.478	
7,505.0	7,402.4	7,407.8	7,402.8	27.0	12.3	-90.26	-84.9	35.3	980.0	941.5	38.47	25.475	
7,600.0	7,497.4	7,502.8	7,497.8	27.0	12.4	-90.26	-84.9	35.3	980.0	941.4	38.57	25.407	
7,695.0	7,592.4	7,597.8	7,592.8	27.1	12.5	-90.26	-84.9	35.3	980.0	941.3	38.67	25.340	
7,700.0	7,597.4	7,602.8	7,597.8	27.1	12.5	-90.26	-84.9	35.3	980.0	941.3	38.68	25.337	
7,790.0	7,687.4	7,692.8	7,687.8	27.1	12.5	-90.26	-84.9	35.3	980.0	941.2	38.78	25.273	
7,800.0	7,697.4	7,702.8	7,697.8	27.1	12.6	-90.26	-84.9	35.3	980.0	941.2	38.79	25.266	
7,885.0	7,782.4	7,787.8	7,782.8	27.1	12.6	-90.26	-84.9	35.3	980.0	941.1	38.88	25.207	
7,900.0	7,797.4	7,802.8	7,797.8	27.1	12.6	-90.26	-84.9	35.3	980.0	941.1	38.89	25.196	
7,980.0	7,877.4	7,882.8	7,877.8	27.1	12.7	-90.26	-84.9	35.3	980.0	941.0	38.98	25.140	
8,000.0	7,897.4	7,902.8	7,897.8	27.1	12.7	-90.26	-84.9	35.3	980.0	941.0	39.00	25.126	
8,075.0	7,972.4	7,977.8	7,972.8	27.2	12.8	-90.26	-84.9	35.3	980.0	940.9	39.08	25.074	
8,100.0	7,997.4	8,002.8	7,997.8	27.2	12.8	-90.26	-84.9	35.3	980.0	940.9	39.11	25.057	
8,170.0	8,067.4	8,072.8	8,067.8	27.2	12.8	-90.26	-84.9	35.3	980.0	940.8	39.19	25.008	
8,200.0	8,097.4	8,102.8	8,097.8	27.2	12.9	-90.26	-84.9	35.3	980.0	940.8	39.22	24.987	
8,265.0	8,162.4	8,167.8	8,162.8	27.2	12.9	-90.26	-84.9	35.3	980.0	940.7	39.29	24.942	
8,300.0	8,197.4	8,202.8	8,197.8	27.2	12.9	-90.26	-84.9	35.3	980.0	940.7	39.33	24.918	
8,360.0	8,257.4	8,262.8	8,257.8	27.2	13.0	-90.26	-84.9	35.3	980.0	940.6	39.39	24.877	
8,400.0	8,297.4	8,302.8	8,297.8	27.3	13.0	-90.26	-84.9	35.3	980.0	940.5	39.44	24.849	
8,455.0	8,352.4	8,357.8	8,352.8	27.3	13.0	-90.26	-84.9	35.3	980.0	940.5	39.50	24.811	
8,500.0	8,397.4	8,402.8	8,397.8	27.3	13.1	-90.26	-84.9	35.3	980.0	940.4	39.55	24.781	
8,550.0	8,447.4	8,452.8	8,447.8	27.3	13.1	-90.26	-84.9	35.3	980.0	940.4	39.60	24.746	
8,600.0	8,497.4	8,502.8	8,497.8	27.3	13.2	-90.26	-84.9	35.3	980.0	940.3	39.66	24.712	
8,645.0	8,542.4	8,547.8	8,542.8	27.3	13.2	-90.26	-84.9	35.3	980.0	940.3	39.71	24.681	
8,700.0	8,597.4	8,602.8	8,597.8	27.3	13.2	-90.26	-84.9	35.3	980.0	940.2	39.77	24.644	
8,740.0	8,637.4	8,642.8	8,637.8	27.4	13.3	-90.26	-84.9	35.3	980.0	940.2	39.81	24.617	
8,800.0	8,697.4	8,702.8	8,697.8	27.4	13.3	-90.26	-84.9	35.3	980.0	940.1	39.88	24.576	
8,835.0	8,732.4	8,737.8	8,732.8	27.4	13.3	-90.26	-84.9	35.3	980.0	940.1	39.91	24.552	
8,900.0	8,797.4	8,802.8	8,797.8	27.4	13.4	-90.26	-84.9	35.3	980.0	940.0	39.99	24.508	
8,930.0	8,827.4	8,832.8	8,827.8	27.4	13.4	-90.26	-84.9	35.3	980.0	940.0	40.02	24.488	
9,000.0	8,897.4	8,902.8	8,897.8	27.4	13.5	-90.26	-84.9	35.3	980.0	939.9	40.10	24.440	
9,025.0	8,922.4	8,927.8	8,922.8	27.4	13.5	-90.26	-84.9	35.3	980.0	939.9	40.12	24.424	
9,100.0	8,997.4	9,002.8	8,997.8	27.5	13.5	-90.26	-84.9	35.3	980.0	939.8	40.21	24.373	
9,120.0	9,017.4	9,022.8	9,017.8	27.5	13.6	-90.26	-84.9	35.3	980.0	939.8	40.23	24.360	
9,200.0	9,097.4	9,102.8	9,097.8	27.5	13.6	-90.26	-84.9	35.3	980.0	939.7	40.32	24.306	
9,215.0	9,112.4	9,117.8	9,112.8	27.5	13.6	-90.26	-84.9	35.3	980.0	939.6	40.34	24.296	
9,300.0	9,197.4	9,202.8	9,197.8	27.5	13.7	-90.26	-84.9	35.3	980.0	939.6	40.43	24.239	
9,310.0	9,207.4	9,212.8	9,207.8	27.5	13.7	-90.26	-84.9	35.3	980.0	939.5	40.44	24.232	
9,400.0	9,297.4	9,302.8	9,297.8	27.6	13.8	-90.26	-84.9	35.3	980.0	939.4	40.54	24.173	
9,405.0	9,302.4	9,307.8	9,302.8	27.6	13.8	-90.26	-84.9	35.3	980.0	939.4	40.55	24.169	
9,500.0	9,397.4	9,402.8	9,397.8	27.6	13.8	-90.26	-84.9	35.3	980.0	939.3	40.65	24.106	
9,595.0	9,492.4	9,497.8	9,492.8	27.6	13.9	-90.26	-84.9	35.3	980.0	939.2	40.76	24.043	
9,600.0	9,497.4	9,502.8	9,497.8	27.6	13.9	-90.26	-84.9	35.3	980.0	939.2	40.76	24.040	
9,690.0	9,587.4	9,592.8	9,587.8	27.7	14.0	-90.26	-84.9	35.3	980.0	939.1	40.87	23.981	
9,700.0	9,597.4	9,602.8	9,597.8	27.7	14.0	-90.26	-84.9	35.3	980.0	939.1	40.88	23.974	
9,785.0	9,682.4	9,687.8	9,682.8	27.7	14.1	-90.26	-84.9	35.3	980.0	939.0	40.97	23.918	
9,800.0	9,697.4	9,702.8	9,697.8	27.7	14.1	-90.26	-84.9	35.3	980.0	939.0	40.99	23.909	
9,854.7	9,752.0	9,757.6	9,752.5	27.7	14.1	-90.23	-84.5	35.3	980.0	939.0	41.01	23.896	
9,880.0	9,777.4	9,783.0	9,777.8	27.7	14.1	-90.05	-83.0	35.3	980.0	939.0	41.02	23.889	
9,900.0	9,797.3	9,803.0	9,797.7	27.7	14.1	-90.00	-81.0	35.3	980.0	938.9	41.03	23.884	
9,902.0	9,799.3	9,805.0	9,799.7	27.7	14.1	-90.00	-80.8	35.3	980.0	938.9	41.03	23.884	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
9,950.0	9,846.9	9,852.9	9,847.0	27.7	14.2	-89.90	-73.1	35.3	980.0	938.9	41.05	23.874	
9,975.0	9,871.5	9,877.7	9,871.2	27.7	14.2	-89.84	-67.5	35.3	980.0	938.9	41.06	23.869	
10,000.0	9,895.8	9,902.6	9,895.2	27.7	14.2	-89.79	-60.9	35.3	980.0	938.9	41.06	23.865	
10,050.0	9,943.6	9,952.2	9,942.0	27.7	14.3	-89.68	-44.7	35.2	980.0	938.9	41.08	23.857	
10,070.0	9,962.3	9,971.9	9,960.3	27.7	14.3	-89.64	-37.1	35.2	980.0	938.9	41.08	23.854	
10,100.0	9,989.9	10,001.6	9,987.1	27.7	14.4	-89.58	-24.5	35.2	980.0	938.9	41.09	23.850	
10,150.0	10,034.5	10,050.8	10,030.2	27.7	14.4	-89.47	-0.6	35.1	980.0	938.9	41.10	23.842	
10,165.0	10,047.4	10,065.6	10,042.7	27.7	14.5	-89.45	7.2	35.1	980.0	938.9	41.11	23.840	
10,200.0	10,076.8	10,100.0	10,070.9	27.7	14.5	-89.38	26.8	35.1	980.0	938.9	41.12	23.834	
10,250.0	10,116.7	10,149.0	10,109.1	27.8	14.6	-89.29	57.5	35.0	980.1	938.9	41.14	23.823	
10,260.0	10,124.4	10,158.8	10,116.4	27.8	14.6	-89.27	64.0	35.0	980.1	938.9	41.14	23.820	
10,300.0	10,153.9	10,197.8	10,144.4	27.8	14.7	-89.20	91.3	34.9	980.1	938.9	41.16	23.809	
10,350.0	10,187.9	10,246.6	10,176.6	27.8	14.7	-89.12	127.8	34.8	980.1	938.9	41.20	23.791	
10,355.0	10,191.2	10,251.5	10,179.7	27.8	14.7	-89.11	131.6	34.8	980.1	938.9	41.20	23.789	
10,400.0	10,218.7	10,295.2	10,205.6	27.8	14.8	-89.05	166.9	34.8	980.1	938.9	41.24	23.767	
10,450.0	10,245.9	10,343.8	10,231.0	27.8	14.9	-88.98	208.2	34.7	980.1	938.8	41.29	23.737	
10,500.0	10,269.3	10,392.3	10,252.9	27.9	14.9	-88.92	251.5	34.6	980.2	938.8	41.36	23.700	
10,545.0	10,287.1	10,435.8	10,269.3	27.9	15.0	-88.87	291.8	34.5	980.2	938.7	41.43	23.660	
10,550.0	10,288.8	10,440.7	10,271.0	27.9	15.0	-88.87	296.3	34.5	980.2	938.7	41.44	23.655	
10,600.0	10,304.2	10,489.0	10,285.2	27.9	15.0	-88.83	342.5	34.4	980.2	938.7	41.53	23.602	
10,640.0	10,313.6	10,527.6	10,293.8	28.0	15.1	-88.80	380.2	34.3	980.2	938.6	41.62	23.552	
10,650.0	10,315.5	10,537.3	10,295.5	28.0	15.1	-88.79	389.7	34.3	980.2	938.6	41.64	23.539	
10,700.0	10,322.4	10,585.5	10,301.8	28.0	15.1	-88.77	437.5	34.1	980.2	938.4	41.77	23.469	
10,735.0	10,324.7	10,619.3	10,303.8	28.1	15.2	-88.75	471.2	34.1	980.2	938.3	41.86	23.414	
10,752.7	10,325.0	10,636.4	10,304.0	28.1	15.2	-88.75	488.3	34.0	980.2	938.3	41.92	23.385	
10,800.0	10,325.2	10,683.7	10,304.1	28.1	15.2	-88.75	535.6	33.9	980.2	938.1	42.08	23.295	
10,830.0	10,325.3	10,713.7	10,304.2	28.2	15.2	-88.75	565.6	33.9	980.2	938.0	42.19	23.232	
10,900.0	10,325.5	10,783.7	10,304.4	28.3	15.3	-88.74	635.6	33.7	980.2	937.7	42.48	23.075	
10,925.0	10,325.6	10,808.7	10,304.5	28.3	15.4	-88.74	660.6	33.6	980.2	937.6	42.59	23.015	
11,000.0	10,325.8	10,883.7	10,304.7	28.5	15.5	-88.74	735.6	33.5	980.2	937.3	42.94	22.829	
11,020.0	10,325.9	10,903.7	10,304.7	28.5	15.5	-88.74	755.6	33.4	980.2	937.2	43.04	22.777	
11,100.0	10,326.2	10,983.7	10,304.9	28.6	15.7	-88.73	835.6	33.2	980.2	936.8	43.45	22.560	
11,115.0	10,326.2	10,998.7	10,305.0	28.7	15.7	-88.73	850.6	33.2	980.2	936.7	43.53	22.519	
11,200.0	10,326.5	11,083.7	10,305.2	28.8	15.9	-88.73	935.6	33.0	980.2	936.2	44.01	22.273	
11,210.0	10,326.6	11,093.7	10,305.2	28.9	15.9	-88.73	945.6	33.0	980.2	936.2	44.07	22.244	
11,300.0	10,326.9	11,183.7	10,305.5	29.1	16.2	-88.72	1,035.6	32.8	980.2	935.6	44.62	21.970	
11,305.0	10,326.9	11,188.7	10,305.5	29.1	16.2	-88.72	1,040.6	32.8	980.2	935.6	44.65	21.954	
11,400.0	10,327.2	11,283.7	10,305.7	29.3	16.5	-88.72	1,135.6	32.6	980.2	935.0	45.27	21.653	
11,495.0	10,327.5	11,378.7	10,306.0	29.5	16.9	-88.72	1,230.6	32.3	980.2	934.3	45.93	21.342	
11,500.0	10,327.6	11,383.7	10,306.0	29.6	16.9	-88.72	1,235.6	32.3	980.2	934.3	45.96	21.326	
11,590.0	10,327.9	11,473.7	10,306.2	29.8	17.3	-88.71	1,325.6	32.1	980.2	933.6	46.63	21.023	
11,600.0	10,327.9	11,483.7	10,306.3	29.8	17.3	-88.71	1,335.6	32.1	980.2	933.5	46.70	20.990	
11,685.0	10,328.2	11,568.7	10,306.5	30.1	17.7	-88.71	1,420.6	31.9	980.2	932.9	47.36	20.699	
11,700.0	10,328.2	11,583.7	10,306.5	30.1	17.8	-88.71	1,435.6	31.9	980.2	932.8	47.47	20.648	
11,780.0	10,328.5	11,663.7	10,306.7	30.4	18.2	-88.70	1,515.6	31.7	980.2	932.1	48.12	20.371	
11,800.0	10,328.6	11,683.7	10,306.8	30.4	18.3	-88.70	1,535.6	31.7	980.2	931.9	48.28	20.302	
11,875.0	10,328.8	11,758.7	10,307.0	30.7	18.7	-88.70	1,610.6	31.5	980.2	931.3	48.91	20.040	
11,900.0	10,328.9	11,783.7	10,307.0	30.8	18.8	-88.70	1,635.6	31.4	980.2	931.1	49.12	19.954	
11,970.0	10,329.2	11,853.7	10,307.2	31.0	19.1	-88.69	1,705.6	31.3	980.2	930.5	49.74	19.709	
12,000.0	10,329.3	11,883.7	10,307.3	31.1	19.3	-88.69	1,735.6	31.2	980.2	930.2	50.00	19.605	
12,065.0	10,329.5	11,948.7	10,307.5	31.3	19.7	-88.69	1,800.6	31.1	980.2	929.6	50.58	19.378	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
12,100.0	10,329.6	11,983.7	10,307.6	31.5	19.8	-88.69	1,835.6	31.0	980.2	929.3	50.90	19.257	
12,160.0	10,329.8	12,043.7	10,307.7	31.7	20.2	-88.69	1,895.6	30.8	980.2	928.8	51.46	19.048	
12,200.0	10,330.0	12,083.7	10,307.8	31.8	20.4	-88.68	1,935.6	30.7	980.2	928.4	51.83	18.911	
12,255.0	10,330.1	12,138.7	10,308.0	32.0	20.7	-88.68	1,990.6	30.6	980.2	927.9	52.36	18.721	
12,300.0	10,330.3	12,183.7	10,308.1	32.2	21.0	-88.68	2,035.6	30.5	980.2	927.4	52.79	18.568	
12,350.0	10,330.5	12,233.7	10,308.2	32.4	21.3	-88.68	2,085.6	30.4	980.2	927.0	53.28	18.397	
12,400.0	10,330.6	12,283.7	10,308.4	32.6	21.6	-88.68	2,135.6	30.3	980.2	926.5	53.78	18.228	
12,445.0	10,330.8	12,328.7	10,308.5	32.8	21.8	-88.67	2,180.6	30.2	980.2	926.0	54.23	18.076	
12,500.0	10,331.0	12,383.7	10,308.6	33.0	22.2	-88.67	2,235.6	30.1	980.2	925.5	54.78	17.893	
12,540.0	10,331.1	12,423.7	10,308.7	33.2	22.4	-88.67	2,275.6	30.0	980.2	925.0	55.20	17.760	
12,600.0	10,331.3	12,483.7	10,308.9	33.4	22.8	-88.67	2,335.6	29.8	980.2	924.4	55.81	17.563	
12,635.0	10,331.4	12,518.7	10,309.0	33.6	23.0	-88.66	2,370.6	29.8	980.2	924.1	56.18	17.448	
12,700.0	10,331.7	12,583.7	10,309.2	33.8	23.4	-88.66	2,435.6	29.6	980.2	923.4	56.86	17.238	
12,730.0	10,331.8	12,613.7	10,309.2	34.0	23.6	-88.66	2,465.6	29.5	980.2	923.1	57.18	17.142	
12,800.0	10,332.0	12,683.7	10,309.4	34.3	24.0	-88.66	2,535.6	29.4	980.2	922.3	57.94	16.920	
12,825.0	10,332.1	12,708.7	10,309.5	34.4	24.2	-88.66	2,560.6	29.3	980.2	922.0	58.21	16.841	
12,900.0	10,332.3	12,783.7	10,309.7	34.7	24.6	-88.65	2,635.6	29.2	980.2	921.2	59.02	16.607	
12,920.0	10,332.4	12,803.7	10,309.7	34.8	24.8	-88.65	2,655.6	29.1	980.2	921.0	59.25	16.546	
13,000.0	10,332.7	12,883.7	10,310.0	35.2	25.3	-88.65	2,735.6	28.9	980.3	920.1	60.13	16.302	
13,015.0	10,332.7	12,898.7	10,310.0	35.3	25.4	-88.65	2,750.6	28.9	980.3	920.0	60.30	16.256	
13,100.0	10,333.0	12,983.7	10,310.2	35.7	25.9	-88.64	2,835.6	28.7	980.3	919.0	61.26	16.002	
13,110.0	10,333.1	12,993.7	10,310.3	35.7	26.0	-88.64	2,845.6	28.7	980.3	918.9	61.37	15.973	
13,200.0	10,333.4	13,083.7	10,310.5	36.2	26.6	-88.64	2,935.6	28.5	980.3	917.9	62.40	15.710	
13,205.0	10,333.4	13,088.7	10,310.5	36.2	26.6	-88.64	2,940.6	28.5	980.3	917.8	62.45	15.695	
13,300.0	10,333.7	13,183.7	10,310.8	36.7	27.2	-88.63	3,035.6	28.3	980.3	916.7	63.55	15.424	
13,395.0	10,334.0	13,278.7	10,311.0	37.1	27.9	-88.63	3,130.6	28.0	980.3	915.6	64.66	15.159	
13,400.0	10,334.1	13,283.7	10,311.0	37.2	27.9	-88.63	3,135.6	28.0	980.3	915.5	64.72	15.146	
13,490.0	10,334.4	13,373.7	10,311.3	37.6	28.5	-88.63	3,225.6	27.8	980.3	914.5	65.79	14.900	
13,500.0	10,334.4	13,383.7	10,311.3	37.7	28.6	-88.63	3,235.6	27.8	980.3	914.4	65.91	14.874	
13,585.0	10,334.7	13,468.7	10,311.5	38.1	29.2	-88.62	3,320.6	27.6	980.3	913.3	66.92	14.648	
13,600.0	10,334.7	13,483.7	10,311.6	38.2	29.3	-88.62	3,335.6	27.6	980.3	913.2	67.10	14.608	
13,680.0	10,335.0	13,563.7	10,311.8	38.6	29.8	-88.62	3,415.6	27.4	980.3	912.2	68.07	14.401	
13,700.0	10,335.1	13,583.7	10,311.8	38.7	29.9	-88.62	3,435.6	27.3	980.3	912.0	68.31	14.350	
13,775.0	10,335.3	13,658.7	10,312.0	39.1	30.4	-88.61	3,510.6	27.2	980.3	911.0	69.23	14.160	
13,800.0	10,335.4	13,683.7	10,312.1	39.2	30.6	-88.61	3,535.6	27.1	980.3	910.7	69.53	14.098	
13,870.0	10,335.7	13,753.7	10,312.3	39.6	31.1	-88.61	3,605.6	27.0	980.3	909.9	70.39	13.925	
13,900.0	10,335.8	13,783.7	10,312.3	39.8	31.3	-88.61	3,635.6	26.9	980.3	909.5	70.76	13.853	
13,965.0	10,336.0	13,848.7	10,312.5	40.1	31.8	-88.60	3,700.6	26.7	980.3	908.7	71.57	13.696	
14,000.0	10,336.1	13,883.7	10,312.6	40.3	32.0	-88.60	3,735.6	26.7	980.3	908.3	72.01	13.614	
14,060.0	10,336.3	13,943.7	10,312.8	40.7	32.4	-88.60	3,795.6	26.5	980.3	907.5	72.76	13.473	
14,100.0	10,336.5	13,983.7	10,312.9	40.9	32.7	-88.60	3,835.6	26.4	980.3	907.0	73.26	13.381	
14,155.0	10,336.6	14,038.7	10,313.0	41.2	33.1	-88.60	3,890.6	26.3	980.3	906.3	73.95	13.255	
14,200.0	10,336.8	14,083.7	10,313.1	41.4	33.4	-88.59	3,935.6	26.2	980.3	905.8	74.52	13.154	
14,250.0	10,337.0	14,133.7	10,313.3	41.7	33.7	-88.59	3,985.6	26.1	980.3	905.1	75.16	13.043	
14,300.0	10,337.1	14,183.7	10,313.4	42.0	34.1	-88.59	4,035.6	26.0	980.3	904.5	75.79	12.934	
14,345.0	10,337.3	14,228.7	10,313.5	42.3	34.4	-88.59	4,080.6	25.9	980.3	903.9	76.37	12.836	
14,400.0	10,337.5	14,283.7	10,313.7	42.6	34.8	-88.59	4,135.6	25.8	980.3	903.2	77.07	12.719	
14,440.0	10,337.6	14,323.7	10,313.8	42.8	35.1	-88.58	4,175.6	25.7	980.3	902.7	77.59	12.635	
14,500.0	10,337.8	14,383.7	10,313.9	43.2	35.5	-88.58	4,235.6	25.5	980.3	901.9	78.36	12.510	
14,535.0	10,337.9	14,418.7	10,314.0	43.4	35.7	-88.58	4,270.6	25.5	980.3	901.5	78.81	12.438	
14,600.0	10,338.2	14,483.7	10,314.2	43.8	36.2	-88.58	4,335.6	25.3	980.3	900.6	79.66	12.306	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
14,630.0	10,338.3	14,513.7	10,314.3	43.9	36.4	-88.57	4,365.6	25.2	980.3	900.2	80.05	12.246	
14,700.0	10,338.5	14,583.7	10,314.5	44.3	36.9	-88.57	4,435.6	25.1	980.3	899.3	80.96	12.108	
14,725.0	10,338.6	14,608.7	10,314.5	44.5	37.1	-88.57	4,460.6	25.0	980.3	899.0	81.29	12.060	
14,800.0	10,338.8	14,683.7	10,314.7	44.9	37.6	-88.57	4,535.6	24.9	980.3	898.0	82.27	11.915	
14,820.0	10,338.9	14,703.7	10,314.8	45.1	37.8	-88.57	4,555.6	24.8	980.3	897.8	82.53	11.877	
14,900.0	10,339.2	14,783.7	10,315.0	45.5	38.3	-88.56	4,635.6	24.6	980.3	896.7	83.59	11.728	
14,915.0	10,339.2	14,798.7	10,315.0	45.6	38.4	-88.56	4,650.6	24.6	980.3	896.5	83.79	11.700	
15,000.0	10,339.5	14,883.7	10,315.3	46.1	39.1	-88.56	4,735.6	24.4	980.3	895.4	84.91	11.545	
15,010.0	10,339.6	14,893.7	10,315.3	46.2	39.1	-88.56	4,745.6	24.4	980.3	895.2	85.05	11.527	
15,100.0	10,339.9	14,983.7	10,315.5	46.8	39.8	-88.55	4,835.6	24.2	980.3	894.0	86.24	11.367	
15,105.0	10,339.9	14,988.7	10,315.5	46.8	39.8	-88.55	4,840.6	24.2	980.3	894.0	86.31	11.358	
15,200.0	10,340.2	15,083.7	10,315.8	47.4	40.5	-88.55	4,935.6	23.9	980.3	892.7	87.58	11.193	
15,295.0	10,340.5	15,178.7	10,316.0	48.0	41.2	-88.54	5,030.6	23.7	980.3	891.4	88.86	11.032	
15,300.0	10,340.6	15,183.7	10,316.1	48.0	41.2	-88.54	5,035.6	23.7	980.3	891.4	88.92	11.024	
15,390.0	10,340.9	15,273.7	10,316.3	48.6	41.9	-88.54	5,125.6	23.5	980.3	890.2	90.14	10.876	
15,400.0	10,340.9	15,283.7	10,316.3	48.6	41.9	-88.54	5,135.6	23.5	980.3	890.0	90.27	10.859	
15,485.0	10,341.2	15,368.7	10,316.5	49.1	42.6	-88.54	5,220.6	23.3	980.3	888.9	91.42	10.723	
15,500.0	10,341.2	15,383.7	10,316.6	49.2	42.7	-88.54	5,235.6	23.3	980.3	888.7	91.62	10.699	
15,580.0	10,341.5	15,463.7	10,316.8	49.7	43.2	-88.53	5,315.6	23.1	980.3	887.6	92.71	10.574	
15,600.0	10,341.6	15,483.7	10,316.9	49.9	43.4	-88.53	5,335.6	23.0	980.3	887.3	92.98	10.543	
15,675.0	10,341.8	15,558.7	10,317.1	50.3	43.9	-88.53	5,410.6	22.9	980.3	886.3	94.01	10.428	
15,700.0	10,341.9	15,583.7	10,317.1	50.5	44.1	-88.53	5,435.6	22.8	980.3	886.0	94.35	10.390	
15,770.0	10,342.2	15,653.7	10,317.3	51.0	44.6	-88.52	5,505.6	22.7	980.3	885.0	95.31	10.286	
15,800.0	10,342.3	15,683.7	10,317.4	51.1	44.8	-88.52	5,535.6	22.6	980.3	884.6	95.72	10.242	
15,865.0	10,342.5	15,748.7	10,317.6	51.6	45.3	-88.52	5,600.6	22.4	980.3	883.7	96.61	10.147	
15,900.0	10,342.6	15,783.7	10,317.6	51.8	45.6	-88.52	5,635.6	22.4	980.3	883.2	97.09	10.097	
15,960.0	10,342.8	15,843.7	10,317.8	52.2	46.0	-88.51	5,695.6	22.2	980.3	882.4	97.91	10.012	
16,000.0	10,343.0	15,883.7	10,317.9	52.4	46.3	-88.51	5,735.6	22.1	980.3	881.8	98.47	9.956	
16,055.0	10,343.1	15,938.7	10,318.1	52.8	46.7	-88.51	5,790.6	22.0	980.3	881.1	99.23	9.880	
16,100.0	10,343.3	15,983.7	10,318.2	53.1	47.0	-88.51	5,835.6	21.9	980.3	880.5	99.85	9.818	
16,150.0	10,343.5	16,033.7	10,318.3	53.4	47.4	-88.51	5,885.6	21.8	980.3	879.8	100.54	9.751	
16,200.0	10,343.6	16,083.7	10,318.4	53.7	47.8	-88.50	5,935.6	21.7	980.3	879.1	101.23	9.684	
16,245.0	10,343.8	16,128.7	10,318.6	54.0	48.1	-88.50	5,980.6	21.6	980.3	878.5	101.86	9.624	
16,300.0	10,344.0	16,183.7	10,318.7	54.4	48.5	-88.50	6,035.6	21.5	980.3	877.7	102.62	9.553	
16,340.0	10,344.1	16,223.7	10,318.8	54.6	48.8	-88.50	6,075.6	21.4	980.3	877.1	103.18	9.501	
16,400.0	10,344.3	16,283.7	10,319.0	55.0	49.2	-88.50	6,135.6	21.2	980.3	876.3	104.01	9.425	
16,435.0	10,344.4	16,318.7	10,319.1	55.3	49.5	-88.49	6,170.6	21.1	980.3	875.8	104.50	9.381	
16,500.0	10,344.7	16,383.7	10,319.2	55.7	50.0	-88.49	6,235.6	21.0	980.3	874.9	105.41	9.300	
16,530.0	10,344.8	16,413.7	10,319.3	55.9	50.2	-88.49	6,265.6	20.9	980.3	874.5	105.83	9.263	
16,600.0	10,345.0	16,483.7	10,319.5	56.4	50.7	-88.49	6,335.6	20.8	980.3	873.5	106.81	9.178	
16,625.0	10,345.1	16,508.7	10,319.6	56.5	50.9	-88.48	6,360.6	20.7	980.3	873.2	107.16	9.148	
16,700.0	10,345.3	16,583.7	10,319.8	57.0	51.4	-88.48	6,435.6	20.5	980.3	872.1	108.21	9.059	
16,720.0	10,345.4	16,603.7	10,319.8	57.2	51.6	-88.48	6,455.6	20.5	980.3	871.8	108.49	9.036	
16,800.0	10,345.7	16,683.7	10,320.0	57.7	52.2	-88.48	6,535.6	20.3	980.3	870.7	109.62	8.943	
16,815.0	10,345.7	16,698.7	10,320.1	57.8	52.3	-88.48	6,550.6	20.3	980.3	870.5	109.83	8.926	
16,900.0	10,346.0	16,783.7	10,320.3	58.4	52.9	-88.47	6,635.6	20.1	980.3	869.3	111.03	8.829	
16,910.0	10,346.1	16,793.7	10,320.3	58.4	53.0	-88.47	6,645.6	20.1	980.3	869.2	111.17	8.818	
17,000.0	10,346.4	16,883.7	10,320.6	59.0	53.7	-88.47	6,735.6	19.9	980.3	867.9	112.44	8.719	
17,005.0	10,346.4	16,888.7	10,320.6	59.1	53.7	-88.47	6,740.6	19.9	980.3	867.8	112.51	8.713	
17,100.0	10,346.7	16,983.7	10,320.8	59.7	54.4	-88.46	6,835.6	19.6	980.3	866.5	113.86	8.610	
17,195.0	10,347.0	17,078.7	10,321.1	60.3	55.1	-88.46	6,930.6	19.4	980.3	865.1	115.20	8.510	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
17,200.0	10,347.1	17,083.7	10,321.1	60.4	55.1	-88.46	6,935.6	19.4	980.3	865.1	115.28	8.504	
17,290.0	10,347.4	17,173.7	10,321.3	61.0	55.8	-88.45	7,025.6	19.2	980.3	863.8	116.55	8.411	
17,300.0	10,347.4	17,183.7	10,321.4	61.0	55.9	-88.45	7,035.6	19.2	980.3	863.6	116.70	8.401	
17,385.0	10,347.7	17,268.7	10,321.6	61.6	56.5	-88.45	7,120.6	19.0	980.3	862.4	117.91	8.315	
17,400.0	10,347.7	17,283.7	10,321.6	61.7	56.6	-88.45	7,135.6	19.0	980.3	862.2	118.12	8.300	
17,480.0	10,348.0	17,363.7	10,321.8	62.3	57.2	-88.45	7,215.6	18.8	980.3	861.1	119.26	8.220	
17,500.0	10,348.1	17,383.7	10,321.9	62.4	57.4	-88.45	7,235.6	18.7	980.3	860.8	119.54	8.201	
17,575.0	10,348.3	17,458.7	10,322.1	62.9	57.9	-88.44	7,310.6	18.6	980.3	859.7	120.62	8.128	
17,600.0	10,348.4	17,483.7	10,322.2	63.1	58.1	-88.44	7,335.6	18.5	980.3	859.4	120.97	8.104	
17,670.0	10,348.7	17,553.7	10,322.3	63.6	58.6	-88.44	7,405.6	18.3	980.3	858.4	121.97	8.037	
17,700.0	10,348.8	17,583.7	10,322.4	63.8	58.8	-88.44	7,435.6	18.3	980.3	857.9	122.40	8.009	
17,765.0	10,349.0	17,648.7	10,322.6	64.2	59.3	-88.43	7,500.6	18.1	980.3	857.0	123.33	7.949	
17,800.0	10,349.1	17,683.7	10,322.7	64.5	59.6	-88.43	7,535.6	18.1	980.3	856.5	123.84	7.916	
17,860.0	10,349.3	17,743.7	10,322.8	64.9	60.0	-88.43	7,595.6	17.9	980.3	855.6	124.70	7.862	
17,900.0	10,349.5	17,783.7	10,322.9	65.2	60.3	-88.43	7,635.6	17.8	980.3	855.1	125.27	7.826	
17,955.0	10,349.6	17,838.7	10,323.1	65.5	60.7	-88.43	7,690.6	17.7	980.3	854.3	126.06	7.777	
18,000.0	10,349.8	17,883.7	10,323.2	65.8	61.1	-88.42	7,735.6	17.6	980.3	853.6	126.71	7.737	
18,050.0	10,350.0	17,933.7	10,323.3	66.2	61.4	-88.42	7,785.6	17.5	980.4	852.9	127.43	7.693	
18,100.0	10,350.1	17,983.7	10,323.5	66.5	61.8	-88.42	7,835.6	17.4	980.4	852.2	128.15	7.650	
18,145.0	10,350.3	18,028.7	10,323.6	66.8	62.2	-88.42	7,880.6	17.3	980.4	851.6	128.79	7.612	
18,200.0	10,350.5	18,083.7	10,323.7	67.2	62.6	-88.41	7,935.6	17.1	980.4	850.8	129.59	7.565	
18,240.0	10,350.6	18,123.7	10,323.9	67.5	62.9	-88.41	7,975.5	17.1	980.4	850.2	130.16	7.532	
18,300.0	10,350.8	18,183.7	10,324.0	67.9	63.3	-88.41	8,035.5	16.9	980.4	849.3	131.03	7.482	
18,335.0	10,350.9	18,218.7	10,324.1	68.2	63.6	-88.41	8,070.5	16.8	980.4	848.8	131.54	7.453	
18,400.0	10,351.2	18,283.7	10,324.3	68.6	64.1	-88.40	8,135.5	16.7	980.4	847.9	132.47	7.400	
18,430.0	10,351.3	18,313.7	10,324.4	68.8	64.3	-88.40	8,165.5	16.6	980.4	847.5	132.91	7.376	
18,500.0	10,351.5	18,383.7	10,324.5	69.3	64.8	-88.40	8,235.5	16.5	980.4	846.4	133.92	7.320	
18,525.0	10,351.6	18,408.7	10,324.6	69.5	65.0	-88.40	8,260.5	16.4	980.4	846.1	134.28	7.301	
18,600.0	10,351.8	18,483.7	10,324.8	70.0	65.6	-88.40	8,335.5	16.2	980.4	845.0	135.37	7.242	
18,620.0	10,351.9	18,503.7	10,324.9	70.2	65.7	-88.40	8,355.5	16.2	980.4	844.7	135.66	7.227	
18,700.0	10,352.2	18,583.7	10,325.1	70.7	66.3	-88.39	8,435.5	16.0	980.4	843.5	136.82	7.165	
18,715.0	10,352.2	18,598.7	10,325.1	70.8	66.4	-88.39	8,450.5	16.0	980.4	843.3	137.04	7.154	
18,800.0	10,352.5	18,683.7	10,325.3	71.4	67.0	-88.39	8,535.5	15.8	980.4	842.1	138.27	7.090	
18,810.0	10,352.6	18,693.7	10,325.4	71.5	67.1	-88.39	8,545.5	15.8	980.4	842.0	138.42	7.083	
18,900.0	10,352.9	18,783.7	10,325.6	72.1	67.8	-88.38	8,635.5	15.6	980.4	840.6	139.72	7.017	
18,905.0	10,352.9	18,788.7	10,325.6	72.2	67.8	-88.38	8,640.5	15.5	980.4	840.6	139.80	7.013	
19,000.0	10,353.2	18,883.7	10,325.9	72.8	68.5	-88.38	8,735.5	15.3	980.4	839.2	141.18	6.944	
19,095.0	10,353.5	18,978.7	10,326.1	73.5	69.3	-88.37	8,830.5	15.1	980.4	837.8	142.56	6.877	
19,100.0	10,353.6	18,983.7	10,326.1	73.5	69.3	-88.37	8,835.5	15.1	980.4	837.7	142.63	6.873	
19,190.0	10,353.9	19,073.7	10,326.4	74.2	70.0	-88.37	8,925.5	14.9	980.4	836.4	143.95	6.811	
19,200.0	10,353.9	19,083.7	10,326.4	74.2	70.0	-88.37	8,935.5	14.9	980.4	836.3	144.09	6.804	
19,285.0	10,354.2	19,168.7	10,326.6	74.8	70.7	-88.37	9,020.5	14.7	980.4	835.0	145.33	6.746	
19,300.0	10,354.2	19,183.7	10,326.7	74.9	70.8	-88.36	9,035.5	14.6	980.4	834.8	145.55	6.736	
19,380.0	10,354.5	19,263.7	10,326.9	75.5	71.4	-88.36	9,115.5	14.5	980.4	833.7	146.72	6.682	
19,400.0	10,354.6	19,283.7	10,326.9	75.7	71.5	-88.36	9,135.5	14.4	980.4	833.4	147.01	6.669	
19,475.0	10,354.8	19,358.7	10,327.1	76.2	72.1	-88.36	9,210.5	14.3	980.4	832.3	148.11	6.619	
19,500.0	10,354.9	19,383.7	10,327.2	76.4	72.3	-88.36	9,235.5	14.2	980.4	831.9	148.47	6.603	
19,570.0	10,355.2	19,453.7	10,327.4	76.9	72.8	-88.35	9,305.5	14.0	980.4	830.9	149.50	6.558	
19,600.0	10,355.3	19,483.7	10,327.5	77.1	73.0	-88.35	9,335.5	14.0	980.4	830.5	149.93	6.539	
19,665.0	10,355.5	19,548.7	10,327.6	77.5	73.5	-88.35	9,400.5	13.8	980.4	829.5	150.89	6.498	
19,700.0	10,355.6	19,583.7	10,327.7	77.8	73.8	-88.35	9,435.5	13.7	980.4	829.0	151.40	6.476	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
19,760.0	10,355.8	19,643.7	10,327.9	78.2	74.2	-88.34	9,495.5	13.6	980.4	828.1	152.28	6.438	
19,800.0	10,356.0	19,683.7	10,328.0	78.5	74.5	-88.34	9,535.5	13.5	980.4	827.5	152.86	6.414	
19,855.0	10,356.1	19,738.7	10,328.1	78.9	75.0	-88.34	9,590.5	13.4	980.4	826.7	153.67	6.380	
19,900.0	10,356.3	19,783.7	10,328.3	79.2	75.3	-88.34	9,635.5	13.3	980.4	826.1	154.33	6.353	
19,950.0	10,356.5	19,833.7	10,328.4	79.6	75.7	-88.34	9,685.5	13.2	980.4	825.3	155.06	6.323	
20,000.0	10,356.6	19,883.7	10,328.5	79.9	76.0	-88.33	9,735.5	13.1	980.4	824.6	155.80	6.293	
20,045.0	10,356.8	19,928.7	10,328.6	80.2	76.4	-88.33	9,780.5	13.0	980.4	823.9	156.46	6.266	
20,100.0	10,357.0	19,983.7	10,328.8	80.6	76.8	-88.33	9,835.5	12.8	980.4	823.1	157.27	6.234	
20,140.0	10,357.1	20,023.7	10,328.9	80.9	77.1	-88.33	9,875.5	12.7	980.4	822.5	157.85	6.211	
20,200.0	10,357.3	20,083.7	10,329.0	81.4	77.6	-88.32	9,935.5	12.6	980.4	821.7	158.74	6.176	
20,235.0	10,357.4	20,118.7	10,329.1	81.6	77.8	-88.32	9,970.5	12.5	980.4	821.1	159.25	6.156	
20,300.0	10,357.7	20,183.7	10,329.3	82.1	78.3	-88.32	10,035.5	12.4	980.4	820.2	160.21	6.120	
20,330.0	10,357.8	20,213.7	10,329.4	82.3	78.5	-88.32	10,065.5	12.3	980.4	819.8	160.65	6.103	
20,400.0	10,358.0	20,283.7	10,329.6	82.8	79.1	-88.31	10,135.5	12.2	980.4	818.7	161.68	6.064	
20,425.0	10,358.1	20,308.7	10,329.6	83.0	79.2	-88.31	10,160.5	12.1	980.4	818.4	162.05	6.050	
20,500.0	10,358.3	20,383.7	10,329.8	83.5	79.8	-88.31	10,235.5	11.9	980.4	817.3	163.15	6.009	
20,520.0	10,358.4	20,403.7	10,329.9	83.7	80.0	-88.31	10,255.5	11.9	980.4	817.0	163.45	5.998	
20,600.0	10,358.7	20,483.7	10,330.1	84.2	80.6	-88.31	10,335.5	11.7	980.4	815.8	164.62	5.955	
20,615.0	10,358.7	20,498.7	10,330.1	84.3	80.7	-88.31	10,350.5	11.7	980.4	815.6	164.85	5.947	
20,700.0	10,359.0	20,583.7	10,330.4	85.0	81.3	-88.30	10,435.5	11.5	980.4	814.3	166.10	5.903	
20,710.0	10,359.1	20,593.7	10,330.4	85.0	81.4	-88.30	10,445.5	11.5	980.4	814.2	166.25	5.897	
20,800.0	10,359.4	20,683.7	10,330.6	85.7	82.1	-88.30	10,535.5	11.2	980.4	812.8	167.57	5.851	
20,805.0	10,359.4	20,688.7	10,330.6	85.7	82.1	-88.30	10,540.5	11.2	980.4	812.8	167.65	5.848	
20,900.0	10,359.7	20,783.7	10,330.9	86.4	82.8	-88.29	10,635.5	11.0	980.4	811.4	169.05	5.800	
20,995.0	10,360.0	20,878.7	10,331.2	87.1	83.5	-88.29	10,730.5	10.8	980.4	810.0	170.45	5.752	
21,000.0	10,360.1	20,883.7	10,331.2	87.1	83.6	-88.29	10,735.5	10.8	980.4	809.9	170.53	5.749	
21,090.0	10,360.4	20,973.7	10,331.4	87.8	84.3	-88.28	10,825.5	10.6	980.4	808.6	171.86	5.705	
21,100.0	10,360.4	20,983.7	10,331.4	87.8	84.3	-88.28	10,835.5	10.6	980.4	808.4	172.01	5.700	
21,185.0	10,360.7	21,068.7	10,331.7	88.5	85.0	-88.28	10,920.5	10.4	980.4	807.2	173.26	5.659	
21,200.0	10,360.7	21,083.7	10,331.7	88.6	85.1	-88.28	10,935.5	10.3	980.4	806.9	173.49	5.651	
21,280.0	10,361.0	21,163.7	10,331.9	89.1	85.7	-88.28	11,015.5	10.2	980.4	805.8	174.67	5.613	
21,300.0	10,361.1	21,183.7	10,332.0	89.3	85.8	-88.27	11,035.5	10.1	980.4	805.5	174.97	5.604	
21,375.0	10,361.3	21,258.7	10,332.2	89.8	86.4	-88.27	11,110.5	9.9	980.4	804.3	176.08	5.568	
21,400.0	10,361.4	21,283.7	10,332.2	90.0	86.6	-88.27	11,135.5	9.9	980.4	804.0	176.45	5.557	
21,470.0	10,361.7	21,353.7	10,332.4	90.5	87.1	-88.27	11,205.5	9.7	980.4	802.9	177.48	5.524	
21,500.0	10,361.8	21,383.7	10,332.5	90.7	87.3	-88.27	11,235.5	9.7	980.4	802.5	177.93	5.510	
21,565.0	10,362.0	21,448.7	10,332.7	91.2	87.8	-88.26	11,300.5	9.5	980.4	801.5	178.89	5.481	
21,600.0	10,362.1	21,483.7	10,332.8	91.5	88.1	-88.26	11,335.5	9.4	980.4	801.0	179.41	5.465	
21,660.0	10,362.3	21,543.7	10,332.9	91.9	88.6	-88.26	11,395.5	9.3	980.4	800.1	180.30	5.438	
21,700.0	10,362.5	21,583.7	10,333.0	92.2	88.9	-88.26	11,435.5	9.2	980.4	799.5	180.89	5.420	
21,755.0	10,362.6	21,638.7	10,333.2	92.6	89.3	-88.25	11,490.5	9.1	980.4	798.7	181.71	5.396	
21,800.0	10,362.8	21,683.7	10,333.3	92.9	89.6	-88.25	11,535.5	9.0	980.4	798.1	182.38	5.376	
21,850.0	10,363.0	21,733.7	10,333.4	93.3	90.0	-88.25	11,585.5	8.9	980.4	797.3	183.12	5.354	
21,900.0	10,363.1	21,783.7	10,333.6	93.6	90.4	-88.25	11,635.5	8.8	980.4	796.6	183.86	5.333	
21,945.0	10,363.3	21,828.7	10,333.7	94.0	90.7	-88.25	11,680.5	8.7	980.4	795.9	184.53	5.313	
22,000.0	10,363.5	21,883.7	10,333.8	94.4	91.1	-88.24	11,735.5	8.5	980.4	795.1	185.34	5.290	
22,040.0	10,363.6	21,923.7	10,333.9	94.7	91.4	-88.24	11,775.5	8.4	980.4	794.5	185.94	5.273	
22,100.0	10,363.8	21,983.7	10,334.1	95.1	91.9	-88.24	11,835.5	8.3	980.4	793.6	186.83	5.248	
22,135.0	10,363.9	22,018.7	10,334.2	95.4	92.1	-88.24	11,870.5	8.2	980.4	793.1	187.35	5.233	
22,200.0	10,364.2	22,083.7	10,334.3	95.8	92.6	-88.23	11,935.5	8.1	980.4	792.1	188.32	5.206	
22,230.0	10,364.3	22,113.7	10,334.4	96.1	92.9	-88.23	11,965.5	8.0	980.4	791.7	188.76	5.194	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
22,300.0	10,364.5	22,183.7	10,334.6	96.6	93.4	-88.23	12,035.5	7.8	980.4	790.6	189.80	5.166	
22,314.7	10,364.6	22,198.4	10,334.7	96.7	93.5	-88.23	12,050.2	7.8	980.4	790.4	190.02	5.160	
22,325.0	10,364.6	22,208.7	10,334.7	96.8	93.6	-88.23	12,060.5	7.8	980.4	790.3	190.17	5.156	
22,400.0	10,364.8	22,283.7	10,334.9	97.3	94.1	-88.22	12,135.5	7.6	980.4	789.2	191.29	5.125	
22,420.0	10,364.9	22,303.7	10,334.9	97.4	94.3	-88.22	12,155.5	7.6	980.4	788.9	191.59	5.118	
22,444.7	10,365.0	22,328.4	10,335.0	97.6	94.5	-88.22	12,180.2	7.5	980.5	788.5	191.95	5.108	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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	0.9	0.9	3.0	3.0	-90.25	-0.4	-90.0	90.0				
95.0	95.0	95.9	95.9	3.0	3.0	-90.25	-0.4	-90.0	90.0	84.0	6.04	14.910	
100.0	100.0	100.9	100.9	3.0	3.0	-90.25	-0.4	-90.0	90.0	84.0	6.04	14.897	
190.0	190.0	190.9	190.9	3.1	3.1	-90.25	-0.4	-90.0	90.0	83.7	6.25	14.392	
200.0	200.0	200.9	200.9	3.1	3.1	-90.25	-0.4	-90.0	90.0	83.7	6.29	14.315	
285.0	285.0	285.9	285.9	3.3	3.3	-90.25	-0.4	-90.0	90.0	83.5	6.48	13.880	
300.0	300.0	300.9	300.9	3.3	3.3	-90.25	-0.4	-90.0	90.0	83.5	6.52	13.797	
380.0	380.0	380.9	380.9	3.4	3.4	-90.25	-0.4	-90.0	90.0	83.3	6.70	13.427	
400.0	400.0	400.9	400.9	3.4	3.4	-90.25	-0.4	-90.0	90.0	83.2	6.75	13.331	
475.0	475.0	475.9	475.9	3.5	3.5	-90.25	-0.4	-90.0	90.0	83.1	6.91	13.016	
500.0	500.0	500.9	500.9	3.5	3.5	-90.25	-0.4	-90.0	90.0	83.0	6.97	12.910	
570.0	570.0	570.9	570.9	3.6	3.6	-90.25	-0.4	-90.0	90.0	82.9	7.12	12.641	
600.0	600.0	600.9	600.9	3.6	3.6	-90.25	-0.4	-90.0	90.0	82.8	7.19	12.526	
665.0	665.0	665.9	665.9	3.7	3.7	-90.25	-0.4	-90.0	90.0	82.7	7.32	12.297	
700.0	700.0	700.9	700.9	3.8	3.8	-90.25	-0.4	-90.0	90.0	82.6	7.39	12.174	
760.0	760.0	760.9	760.9	3.8	3.8	-90.25	-0.4	-90.0	90.0	82.5	7.51	11.980	
800.0	800.0	800.9	800.9	3.9	3.9	-90.25	-0.4	-90.0	90.0	82.4	7.59	11.851	
855.0	855.0	855.9	855.9	4.0	4.0	-90.25	-0.4	-90.0	90.0	82.3	7.70	11.686	
900.0	900.0	900.9	900.9	4.0	4.0	-90.25	-0.4	-90.0	90.0	82.2	7.79	11.551	
950.0	950.0	950.9	950.9	4.1	4.1	-90.25	-0.4	-90.0	90.0	82.1	7.89	11.412	
1,000.0	1,000.0	1,000.9	1,000.9	4.1	4.1	-90.25	-0.4	-90.0	90.0	82.0	7.98	11.274	
1,045.0	1,045.0	1,045.9	1,045.9	4.2	4.2	-90.25	-0.4	-90.0	90.0	81.9	8.07	11.157	
1,100.0	1,100.0	1,100.9	1,100.9	4.2	4.2	-90.25	-0.4	-90.0	90.0	81.8	8.17	11.016	
1,140.0	1,140.0	1,140.9	1,140.9	4.3	4.3	-90.25	-0.4	-90.0	90.0	81.8	8.24	10.918	
1,200.0	1,200.0	1,200.9	1,200.9	4.4	4.4	-90.25	-0.4	-90.0	90.0	81.6	8.35	10.774	
1,235.0	1,235.0	1,235.9	1,235.9	4.4	4.4	-90.25	-0.4	-90.0	90.0	81.6	8.42	10.694	
1,300.0	1,300.0	1,300.9	1,300.9	4.5	4.5	-90.25	-0.4	-90.0	90.0	81.5	8.53	10.548	
1,330.0	1,330.0	1,330.9	1,330.9	4.5	4.5	-90.25	-0.4	-90.0	90.0	81.4	8.58	10.484	
1,400.0	1,400.0	1,400.9	1,400.9	4.6	4.6	-90.25	-0.4	-90.0	90.0	81.3	8.71	10.335	
1,425.0	1,425.0	1,425.9	1,425.9	4.6	4.6	-90.25	-0.4	-90.0	90.0	81.3	8.75	10.285	
1,437.2	1,437.2	1,438.1	1,438.1	4.6	4.6	-90.25	-0.4	-90.0	90.0	81.2	8.77	10.260	CC
1,500.0	1,500.0	1,500.0	1,500.0	4.7	4.7	-90.25	-0.4	-90.0	90.0	81.1	8.88	10.137	ES
1,520.0	1,520.0	1,520.3	1,520.3	4.7	4.7	175.20	-0.4	-90.1	90.1	81.2	8.95	10.066	SF
1,600.0	1,600.0	1,597.8	1,597.8	4.8	4.8	175.06	-0.8	-91.6	93.4	84.2	9.25	10.095	
1,615.0	1,615.0	1,612.3	1,612.3	4.8	4.8	175.01	-0.9	-92.1	94.5	85.2	9.33	10.129	
1,700.0	1,699.8	1,694.0	1,693.9	5.0	5.0	174.67	-1.9	-96.4	103.6	93.8	9.79	10.584	
1,710.0	1,709.8	1,703.6	1,703.4	5.0	5.0	174.62	-2.1	-97.0	105.0	95.1	9.84	10.666	
1,800.0	1,799.5	1,789.0	1,788.5	5.2	5.2	174.17	-3.8	-104.2	120.4	110.1	10.34	11.651	
1,805.0	1,804.4	1,793.7	1,793.2	5.2	5.2	174.14	-3.9	-104.6	121.4	111.1	10.36	11.718	
1,900.0	1,898.7	1,886.0	1,885.0	5.5	5.4	173.74	-6.1	-114.0	142.6	131.8	10.86	13.133	
1,995.0	1,992.5	1,977.9	1,976.4	5.8	5.6	173.54	-8.3	-123.4	166.8	155.5	11.38	14.660	
2,000.0	1,997.5	1,982.7	1,981.1	5.9	5.6	173.54	-8.4	-123.8	168.2	156.8	11.41	14.743	
2,090.0	2,085.8	2,068.9	2,066.9	6.2	5.9	173.49	-10.5	-132.6	194.1	182.1	11.93	16.268	
2,100.0	2,095.6	2,078.4	2,076.3	6.2	5.9	173.49	-10.8	-133.6	197.1	185.1	11.99	16.442	
2,185.0	2,178.8	2,159.3	2,156.8	6.5	6.1	173.54	-12.7	-141.8	223.1	210.6	12.44	17.929	
2,200.0	2,193.4	2,173.6	2,171.0	6.5	6.1	173.55	-13.1	-143.3	227.7	215.2	12.52	18.179	
2,280.0	2,271.7	2,249.8	2,246.8	6.7	6.4	173.59	-14.9	-151.0	252.1	239.2	12.98	19.432	
2,300.0	2,291.3	2,268.8	2,265.7	6.8	6.4	173.60	-15.4	-152.9	258.3	245.2	13.09	19.730	
2,375.0	2,364.6	2,340.2	2,336.7	7.1	6.6	173.63	-17.1	-160.2	281.2	267.6	13.53	20.778	
2,400.0	2,389.1	2,364.1	2,360.4	7.1	6.7	173.64	-17.7	-162.6	288.8	275.1	13.68	21.109	
2,470.0	2,457.5	2,430.7	2,426.7	7.4	6.9	173.66	-19.3	-169.4	310.2	296.1	14.11	21.980	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
2,500.0	2,486.9	2,459.3	2,455.1	7.5	7.0	173.67	-20.0	-172.3	319.4	305.1	14.30	22.334	
2,565.0	2,550.5	2,521.2	2,516.7	7.7	7.2	173.69	-21.5	-178.6	339.3	324.6	14.72	23.054	
2,600.0	2,584.7	2,554.5	2,549.8	7.8	7.3	173.70	-22.3	-182.0	350.0	335.0	14.94	23.422	
2,660.0	2,643.4	2,611.6	2,606.6	8.1	7.5	173.71	-23.7	-187.8	368.3	353.0	15.34	24.016	
2,700.0	2,682.5	2,649.7	2,644.5	8.2	7.6	173.72	-24.6	-191.7	380.5	364.9	15.60	24.391	
2,755.0	2,736.3	2,702.1	2,696.6	8.4	7.7	173.73	-25.8	-197.0	397.4	381.4	15.97	24.878	
2,800.0	2,780.3	2,744.9	2,739.2	8.6	7.9	173.74	-26.9	-201.3	411.1	394.8	16.28	25.255	
2,850.0	2,829.2	2,792.5	2,786.5	8.8	8.0	173.74	-28.0	-206.2	426.4	409.8	16.62	25.651	
2,900.0	2,878.1	2,840.1	2,833.9	9.0	8.2	173.75	-29.2	-211.0	441.7	424.7	16.97	26.027	
2,945.0	2,922.2	2,883.0	2,876.5	9.2	8.4	173.76	-30.2	-215.4	455.4	438.2	17.29	26.347	
3,000.0	2,976.0	2,935.3	2,928.6	9.4	8.5	173.77	-31.5	-220.7	472.3	454.6	17.68	26.719	
3,040.0	3,015.1	2,973.4	2,966.4	9.5	8.7	173.77	-32.4	-224.6	484.5	466.5	17.96	26.975	
3,100.0	3,073.8	3,030.5	3,023.2	9.8	8.9	173.78	-33.8	-230.4	502.8	484.4	18.39	27.341	
3,135.0	3,108.0	3,063.9	3,056.4	9.9	9.0	173.78	-34.6	-233.8	513.5	494.9	18.65	27.542	
3,200.0	3,171.6	3,125.7	3,117.9	10.2	9.2	173.79	-36.1	-240.1	533.4	514.3	19.12	27.900	
3,230.0	3,200.9	3,154.3	3,146.3	10.3	9.3	173.79	-36.8	-243.0	542.6	523.2	19.34	28.057	
3,300.0	3,269.4	3,221.0	3,212.6	10.6	9.5	173.80	-38.4	-249.7	564.0	544.1	19.85	28.406	
3,325.0	3,293.9	3,244.8	3,236.3	10.7	9.6	173.80	-39.0	-252.2	571.6	551.6	20.04	28.524	
3,400.0	3,367.2	3,316.2	3,307.3	11.0	9.9	173.81	-40.7	-259.4	594.6	574.0	20.60	28.864	
3,420.0	3,386.8	3,335.2	3,326.3	11.1	9.9	173.81	-41.1	-261.4	600.7	579.9	20.75	28.949	
3,500.0	3,465.0	3,411.4	3,402.0	11.4	10.2	173.81	-43.0	-269.1	625.1	603.8	21.35	29.279	
3,515.0	3,479.7	3,425.7	3,416.2	11.5	10.3	173.82	-43.3	-270.6	629.7	608.3	21.46	29.338	
3,600.0	3,562.8	3,506.6	3,496.7	11.9	10.6	173.82	-45.3	-278.8	655.7	633.6	22.11	29.658	
3,610.0	3,572.6	3,516.1	3,506.2	11.9	10.6	173.82	-45.5	-279.8	658.8	636.6	22.19	29.694	
3,700.0	3,660.7	3,601.8	3,591.4	12.3	10.9	173.83	-47.6	-288.5	686.3	663.4	22.87	30.004	
3,705.0	3,665.6	3,606.6	3,596.1	12.3	10.9	173.83	-47.7	-289.0	687.8	664.9	22.91	30.020	
3,800.0	3,758.5	3,697.0	3,686.1	12.7	11.3	173.83	-49.9	-298.2	716.8	693.2	23.64	30.320	
3,895.0	3,851.4	3,787.5	3,776.0	13.2	11.6	173.84	-52.1	-307.4	745.9	721.5	24.38	30.597	
3,900.0	3,856.3	3,792.2	3,780.8	13.2	11.6	173.84	-52.2	-307.8	747.4	723.0	24.42	30.611	
3,990.0	3,944.3	3,877.9	3,866.0	13.6	11.9	173.84	-54.3	-316.5	774.9	749.8	25.12	30.852	
4,000.0	3,954.1	3,887.4	3,875.5	13.6	12.0	173.84	-54.5	-317.5	778.0	752.8	25.20	30.878	
4,085.0	4,037.2	3,968.4	3,955.9	14.0	12.3	173.85	-56.5	-325.7	804.0	778.1	25.86	31.088	
4,100.0	4,051.9	3,982.7	3,970.1	14.1	12.3	173.85	-56.8	-327.2	808.6	782.6	25.98	31.124	
4,180.0	4,130.2	4,058.8	4,045.9	14.4	12.6	173.85	-58.6	-334.9	833.0	806.4	26.61	31.307	
4,200.0	4,149.7	4,077.9	4,064.8	14.5	12.7	173.85	-59.1	-336.9	839.1	812.4	26.77	31.352	
4,275.0	4,223.1	4,149.3	4,135.9	14.8	13.0	173.86	-60.8	-344.1	862.1	834.7	27.36	31.511	
4,300.0	4,247.6	4,173.1	4,159.5	15.0	13.1	173.86	-61.4	-346.6	869.7	842.2	27.56	31.562	
4,370.0	4,316.0	4,239.7	4,225.8	15.3	13.3	173.86	-63.0	-353.3	891.1	863.0	28.11	31.700	
4,400.0	4,345.4	4,268.3	4,254.2	15.4	13.4	173.86	-63.7	-356.2	900.3	871.9	28.35	31.758	
4,465.0	4,408.9	4,330.2	4,315.8	15.7	13.7	173.86	-65.2	-362.5	920.2	891.3	28.87	31.877	
4,500.0	4,443.2	4,363.5	4,348.9	15.9	13.8	173.86	-66.0	-365.9	930.9	901.7	29.14	31.939	
4,560.0	4,501.9	4,420.6	4,405.7	16.1	14.0	173.87	-67.4	-371.7	949.2	919.6	29.62	32.042	
4,600.0	4,541.0	4,458.7	4,443.6	16.3	14.2	173.87	-68.3	-375.6	961.4	931.5	29.94	32.108	
4,655.0	4,594.8	4,511.1	4,495.7	16.6	14.4	173.87	-69.6	-380.9	978.3	947.9	30.38	32.197	
4,700.0	4,638.8	4,553.9	4,538.3	16.8	14.5	173.87	-70.6	-385.3	992.0	961.3	30.74	32.266	
4,750.0	4,687.7	4,601.5	4,585.6	17.0	14.7	173.87	-71.8	-390.1	1,007.3	976.2	31.15	32.341	
4,800.0	4,736.6	4,649.1	4,633.0	17.2	14.9	173.87	-72.9	-395.0	1,022.6	991.0	31.55	32.414	
4,845.0	4,780.6	4,692.0	4,675.6	17.4	15.1	173.87	-74.0	-399.3	1,036.3	1,004.4	31.91	32.477	
4,900.0	4,834.4	4,744.3	4,727.7	17.7	15.3	173.88	-75.2	-404.6	1,053.2	1,020.8	32.35	32.552	
4,940.0	4,873.6	4,782.4	4,765.5	17.8	15.4	173.88	-76.1	-408.5	1,065.4	1,032.7	32.68	32.605	
5,000.0	4,932.3	4,839.6	4,822.4	18.1	15.6	173.88	-77.5	-414.3	1,083.7	1,050.6	33.16	32.681	

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 #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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
5,035.0	4,966.5	4,872.9	4,855.5	18.3	15.8	173.88	-78.3	-417.7	1,094.4	1,061.0	33.44	32.725	
5,100.0	5,030.1	4,934.8	4,917.1	18.6	16.0	173.88	-79.8	-424.0	1,114.3	1,080.3	33.96	32.814	
5,130.0	5,059.4	4,969.8	4,951.9	18.7	16.1	173.88	-80.6	-427.5	1,123.4	1,089.2	34.24	32.805	
5,200.0	5,127.9	5,052.8	5,034.6	19.0	16.4	173.90	-82.4	-434.9	1,143.9	1,109.0	34.92	32.758	
5,225.0	5,152.3	5,082.6	5,064.3	19.2	16.5	173.90	-83.0	-437.2	1,151.0	1,115.9	35.16	32.733	
5,300.0	5,225.7	5,172.6	5,154.0	19.5	16.9	173.94	-84.4	-443.5	1,171.6	1,135.7	35.88	32.655	
5,320.0	5,245.3	5,196.7	5,178.1	19.6	16.9	173.95	-84.8	-444.9	1,176.9	1,140.9	36.07	32.630	
5,400.0	5,323.5	5,293.7	5,275.0	20.0	17.3	174.00	-85.9	-449.7	1,197.3	1,160.5	36.81	32.530	
5,415.0	5,338.2	5,312.0	5,293.2	20.0	17.3	174.02	-86.1	-450.4	1,201.0	1,164.1	36.94	32.512	
5,500.0	5,421.3	5,416.1	5,397.3	20.4	17.6	174.09	-86.8	-453.4	1,221.0	1,183.3	37.68	32.403	
5,510.0	5,431.1	5,428.4	5,409.6	20.5	17.7	174.10	-86.9	-453.7	1,223.3	1,185.5	37.76	32.392	
5,600.0	5,519.1	5,539.7	5,520.9	20.9	17.9	174.20	-87.1	-454.6	1,242.7	1,204.2	38.44	32.329	
5,605.0	5,524.0	5,543.8	5,524.9	20.9	17.9	174.21	-87.1	-454.6	1,243.7	1,205.3	38.46	32.340	
5,700.0	5,617.0	5,636.7	5,617.9	21.3	17.9	174.30	-87.1	-454.6	1,263.4	1,224.5	38.92	32.462	
5,795.0	5,709.9	5,729.6	5,710.8	21.8	17.9	174.39	-87.1	-454.6	1,283.0	1,243.6	39.39	32.572	
5,800.0	5,714.8	5,734.5	5,715.7	21.8	17.9	174.39	-87.1	-454.6	1,284.1	1,244.7	39.42	32.578	
5,890.0	5,802.8	5,822.5	5,803.7	22.2	18.0	174.47	-87.1	-454.6	1,302.7	1,262.8	39.86	32.679	
5,900.0	5,812.6	5,832.3	5,813.5	22.3	18.0	174.48	-87.1	-454.6	1,304.8	1,264.9	39.91	32.690	

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

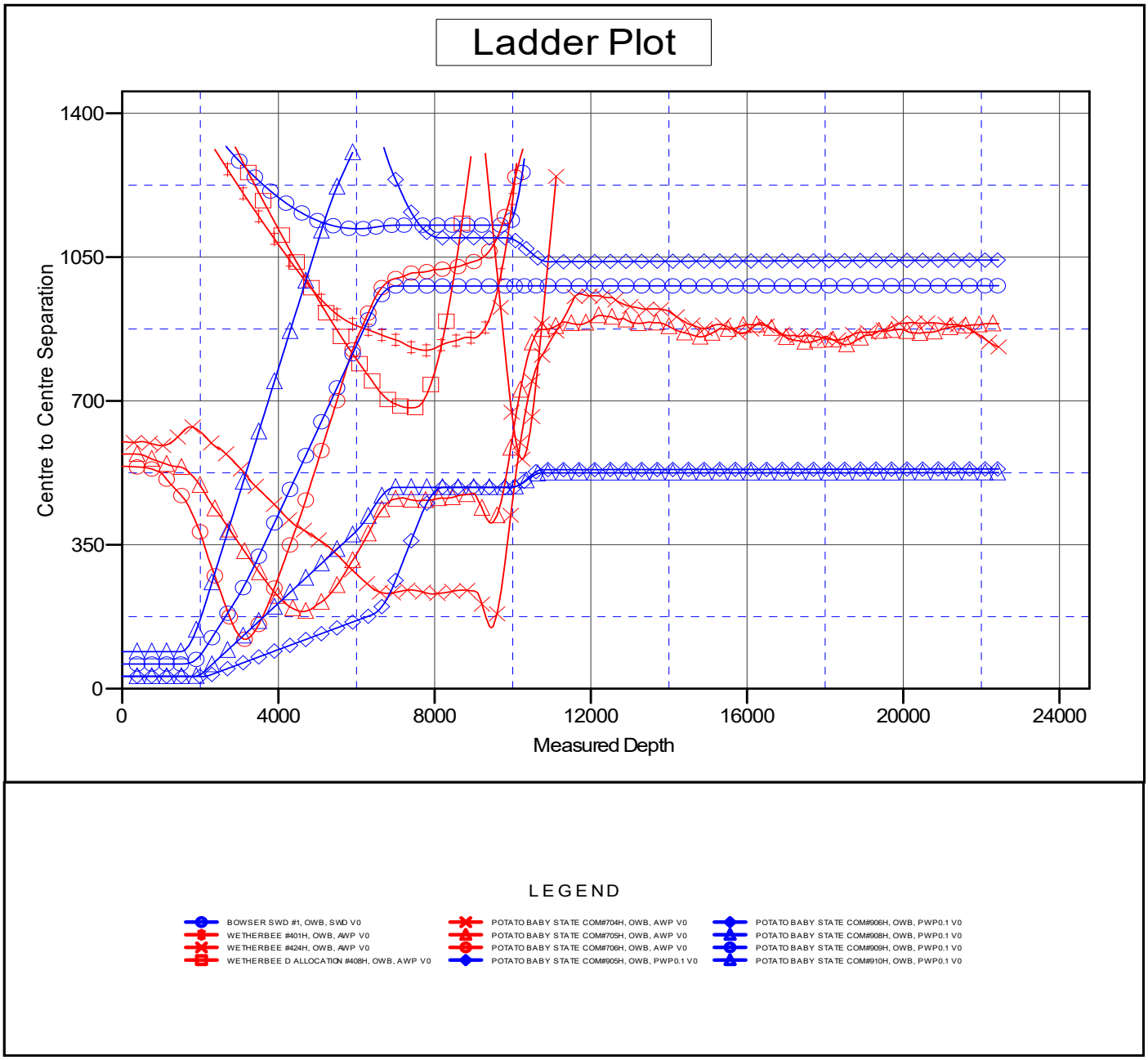
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 3072.7ft @ 3104.7usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: POTATO BABY STATE COM #907H
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

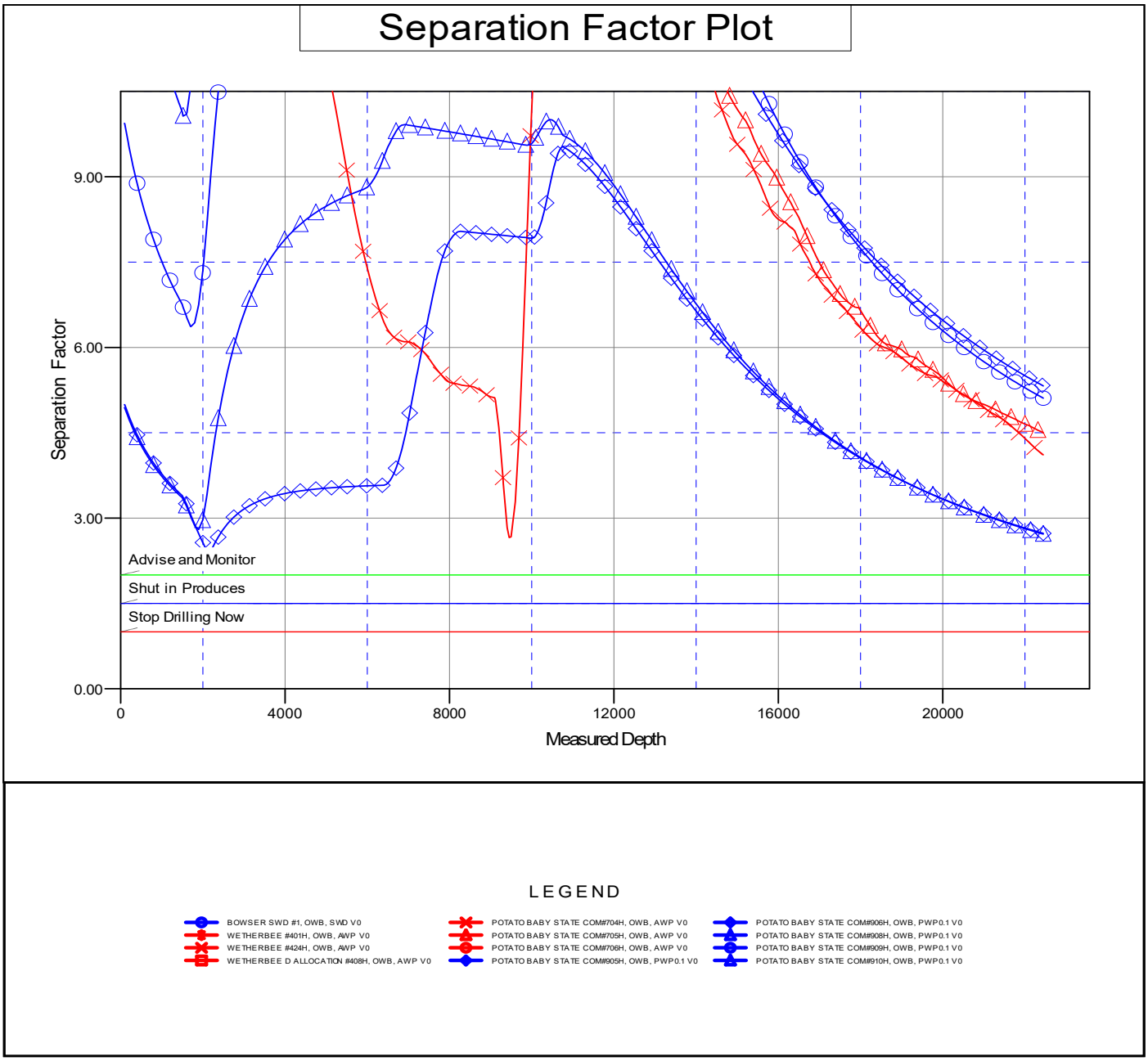
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #907H	**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 3072.7ft @ 3104.7usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: POTATO BABY STATE COM #907H
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 #907H

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 #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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 #907H				
Well Position	**+N/-S**	367.1 usft	**Northing:**	364,183.92 usft	**Latitude:**	32° 0' 3.610 N
	+E/-W	956.9 usft	**Easting:**	578,428.30 usft	**Longitude:**	104° 4' 49.195 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,072.7 usft

Wellbore	OWB				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2022	12/1/2023	6.59	59.52	47,285.03069118

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	4.63	

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	9,854.7	PWP0.1 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	
3	9,854.7	22,444.7	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 #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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	
2,100.0	12.00	94.53	2,095.6	-4.9	62.4	2.00	2.00	0.00	94.53	
6,396.7	12.00	94.53	6,298.4	-75.6	952.9	0.00	0.00	0.00	0.00	
6,996.6	0.00	0.00	6,894.0	-80.5	1,015.3	2.00	-2.00	0.00	180.00	
9,854.7	0.00	0.00	9,752.0	-80.5	1,015.3	0.00	0.00	0.00	0.00	
10,752.7	89.80	359.87	10,325.0	490.5	1,014.0	10.00	10.00	-0.01	359.87	
22,314.7	89.80	359.87	10,364.6	12,052.4	987.8	0.00	0.00	0.00	0.00	LTP (POTATO BABY
22,444.7	89.80	359.87	10,365.0	12,182.4	987.5	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 #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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	94.53	1,600.0	-0.1	1.7	0.0	2.00	2.00	0.00
1,700.0	4.00	94.53	1,699.8	-0.6	7.0	0.0	2.00	2.00	0.00
1,800.0	6.00	94.53	1,799.5	-1.2	15.6	0.0	2.00	2.00	0.00
1,900.0	8.00	94.53	1,898.7	-2.2	27.8	0.0	2.00	2.00	0.00
2,000.0	10.00	94.53	1,997.5	-3.4	43.4	0.1	2.00	2.00	0.00
2,100.0	12.00	94.53	2,095.6	-4.9	62.4	0.1	2.00	2.00	0.00
Start 4296.7 hold at 2100.0 MD									
2,200.0	12.00	94.53	2,193.4	-6.6	83.1	0.1	0.00	0.00	0.00
2,300.0	12.00	94.53	2,291.3	-8.2	103.9	0.2	0.00	0.00	0.00
2,400.0	12.00	94.53	2,389.1	-9.9	124.6	0.2	0.00	0.00	0.00
2,500.0	12.00	94.53	2,486.9	-11.5	145.3	0.3	0.00	0.00	0.00
2,600.0	12.00	94.53	2,584.7	-13.2	166.0	0.3	0.00	0.00	0.00
2,700.0	12.00	94.53	2,682.5	-14.8	186.8	0.3	0.00	0.00	0.00
2,800.0	12.00	94.53	2,780.3	-16.5	207.5	0.4	0.00	0.00	0.00
2,900.0	12.00	94.53	2,878.1	-18.1	228.2	0.4	0.00	0.00	0.00
3,000.0	12.00	94.53	2,976.0	-19.7	248.9	0.4	0.00	0.00	0.00
3,100.0	12.00	94.53	3,073.8	-21.4	269.7	0.5	0.00	0.00	0.00
3,200.0	12.00	94.53	3,171.6	-23.0	290.4	0.5	0.00	0.00	0.00
3,300.0	12.00	94.53	3,269.4	-24.7	311.1	0.5	0.00	0.00	0.00
3,400.0	12.00	94.53	3,367.2	-26.3	331.8	0.6	0.00	0.00	0.00
3,500.0	12.00	94.53	3,465.0	-28.0	352.6	0.6	0.00	0.00	0.00
3,600.0	12.00	94.53	3,562.8	-29.6	373.3	0.6	0.00	0.00	0.00
3,700.0	12.00	94.53	3,660.7	-31.2	394.0	0.7	0.00	0.00	0.00
3,800.0	12.00	94.53	3,758.5	-32.9	414.7	0.7	0.00	0.00	0.00
3,900.0	12.00	94.53	3,856.3	-34.5	435.5	0.8	0.00	0.00	0.00
4,000.0	12.00	94.53	3,954.1	-36.2	456.2	0.8	0.00	0.00	0.00
4,100.0	12.00	94.53	4,051.9	-37.8	476.9	0.8	0.00	0.00	0.00
4,200.0	12.00	94.53	4,149.7	-39.5	497.6	0.9	0.00	0.00	0.00
4,300.0	12.00	94.53	4,247.6	-41.1	518.4	0.9	0.00	0.00	0.00
4,400.0	12.00	94.53	4,345.4	-42.7	539.1	0.9	0.00	0.00	0.00
4,500.0	12.00	94.53	4,443.2	-44.4	559.8	1.0	0.00	0.00	0.00
4,600.0	12.00	94.53	4,541.0	-46.0	580.5	1.0	0.00	0.00	0.00
4,700.0	12.00	94.53	4,638.8	-47.7	601.3	1.0	0.00	0.00	0.00
4,800.0	12.00	94.53	4,736.6	-49.3	622.0	1.1	0.00	0.00	0.00
4,900.0	12.00	94.53	4,834.4	-51.0	642.7	1.1	0.00	0.00	0.00
5,000.0	12.00	94.53	4,932.3	-52.6	663.4	1.2	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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)
5,100.0	12.00	94.53	5,030.1	-54.3	684.2	1.2	0.00	0.00	0.00
5,200.0	12.00	94.53	5,127.9	-55.9	704.9	1.2	0.00	0.00	0.00
5,300.0	12.00	94.53	5,225.7	-57.5	725.6	1.3	0.00	0.00	0.00
5,400.0	12.00	94.53	5,323.5	-59.2	746.3	1.3	0.00	0.00	0.00
5,500.0	12.00	94.53	5,421.3	-60.8	767.1	1.3	0.00	0.00	0.00
5,600.0	12.00	94.53	5,519.1	-62.5	787.8	1.4	0.00	0.00	0.00
5,700.0	12.00	94.53	5,617.0	-64.1	808.5	1.4	0.00	0.00	0.00
5,800.0	12.00	94.53	5,714.8	-65.8	829.2	1.4	0.00	0.00	0.00
5,900.0	12.00	94.53	5,812.6	-67.4	850.0	1.5	0.00	0.00	0.00
6,000.0	12.00	94.53	5,910.4	-69.0	870.7	1.5	0.00	0.00	0.00
6,100.0	12.00	94.53	6,008.2	-70.7	891.4	1.5	0.00	0.00	0.00
6,200.0	12.00	94.53	6,106.0	-72.3	912.1	1.6	0.00	0.00	0.00
6,300.0	12.00	94.53	6,203.9	-74.0	932.9	1.6	0.00	0.00	0.00
6,396.7	12.00	94.53	6,298.4	-75.6	952.9	1.7	0.00	0.00	0.00
Start Drop -2.00									
6,400.0	11.93	94.53	6,301.7	-75.6	953.6	1.7	2.00	-2.00	0.00
6,500.0	9.93	94.53	6,399.8	-77.1	972.5	1.7	2.00	-2.00	0.00
6,600.0	7.93	94.53	6,498.6	-78.3	988.0	1.7	2.00	-2.00	0.00
6,700.0	5.93	94.53	6,597.9	-79.3	1,000.0	1.7	2.00	-2.00	0.00
6,800.0	3.93	94.53	6,697.5	-80.0	1,008.6	1.8	2.00	-2.00	0.00
6,900.0	1.93	94.53	6,797.4	-80.4	1,013.7	1.8	2.00	-2.00	0.00
6,996.6	0.00	0.00	6,894.0	-80.5	1,015.3	1.8	2.00	-2.00	-97.82
Start 2858.0 hold at 6996.6 MD									
7,000.0	0.00	0.00	6,897.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,997.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,200.0	0.00	0.00	7,097.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,300.0	0.00	0.00	7,197.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,297.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,397.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,497.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,597.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,697.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,797.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,897.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,100.0	0.00	0.00	7,997.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,200.0	0.00	0.00	8,097.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,300.0	0.00	0.00	8,197.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,400.0	0.00	0.00	8,297.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,500.0	0.00	0.00	8,397.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,600.0	0.00	0.00	8,497.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,700.0	0.00	0.00	8,597.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,800.0	0.00	0.00	8,697.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
8,900.0	0.00	0.00	8,797.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,000.0	0.00	0.00	8,897.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,100.0	0.00	0.00	8,997.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,200.0	0.00	0.00	9,097.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,300.0	0.00	0.00	9,197.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,400.0	0.00	0.00	9,297.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,500.0	0.00	0.00	9,397.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,600.0	0.00	0.00	9,497.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,700.0	0.00	0.00	9,597.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,800.0	0.00	0.00	9,697.4	-80.5	1,015.3	1.8	0.00	0.00	0.00
9,854.7	0.00	0.00	9,752.0	-80.5	1,015.3	1.8	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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)
Start DLS 10.00 TFO 359.87									
9,900.0	4.53	359.87	9,797.3	-78.7	1,015.3	3.5	10.00	10.00	0.00
9,950.0	9.53	359.87	9,846.9	-72.6	1,015.3	9.6	10.00	10.00	0.00
10,000.0	14.53	359.87	9,895.8	-62.2	1,015.3	20.0	10.00	10.00	0.00
10,050.0	19.53	359.87	9,943.6	-47.5	1,015.2	34.6	10.00	10.00	0.00
10,100.0	24.53	359.87	9,989.9	-28.8	1,015.2	53.3	10.00	10.00	0.00
10,150.0	29.53	359.87	10,034.5	-6.1	1,015.1	75.9	10.00	10.00	0.00
10,200.0	34.53	359.87	10,076.8	20.4	1,015.1	102.4	10.00	10.00	0.00
10,250.0	39.53	359.87	10,116.7	50.5	1,015.0	132.4	10.00	10.00	0.00
10,300.0	44.53	359.87	10,153.9	84.0	1,014.9	165.7	10.00	10.00	0.00
10,350.0	49.53	359.87	10,187.9	120.6	1,014.8	202.2	10.00	10.00	0.00
10,400.0	54.53	359.87	10,218.7	160.0	1,014.8	241.4	10.00	10.00	0.00
10,450.0	59.53	359.87	10,245.9	201.9	1,014.7	283.2	10.00	10.00	0.00
10,500.0	64.53	359.87	10,269.3	246.1	1,014.6	327.2	10.00	10.00	0.00
10,550.0	69.53	359.87	10,288.8	292.1	1,014.5	373.1	10.00	10.00	0.00
10,600.0	74.53	359.87	10,304.2	339.6	1,014.3	420.5	10.00	10.00	0.00
10,650.0	79.53	359.87	10,315.5	388.3	1,014.2	469.0	10.00	10.00	0.00
10,700.0	84.53	359.87	10,322.4	437.8	1,014.1	518.3	10.00	10.00	0.00
10,752.7	89.80	359.87	10,325.0	490.5	1,014.0	570.8	10.00	10.00	0.00
Start 11562.0 hold at 10752.7 MD									
10,800.0	89.80	359.87	10,325.2	537.8	1,013.9	617.9	0.00	0.00	0.00
10,900.0	89.80	359.87	10,325.5	637.8	1,013.7	717.6	0.00	0.00	0.00
11,000.0	89.80	359.87	10,325.8	737.8	1,013.4	817.2	0.00	0.00	0.00
11,100.0	89.80	359.87	10,326.2	837.8	1,013.2	916.9	0.00	0.00	0.00
11,200.0	89.80	359.87	10,326.5	937.8	1,013.0	1,016.5	0.00	0.00	0.00
11,300.0	89.80	359.87	10,326.9	1,037.8	1,012.8	1,116.2	0.00	0.00	0.00
11,400.0	89.80	359.87	10,327.2	1,137.8	1,012.5	1,215.8	0.00	0.00	0.00
11,500.0	89.80	359.87	10,327.6	1,237.8	1,012.3	1,315.5	0.00	0.00	0.00
11,600.0	89.80	359.87	10,327.9	1,337.8	1,012.1	1,415.1	0.00	0.00	0.00
11,700.0	89.80	359.87	10,328.2	1,437.8	1,011.9	1,514.8	0.00	0.00	0.00
11,800.0	89.80	359.87	10,328.6	1,537.8	1,011.6	1,614.4	0.00	0.00	0.00
11,900.0	89.80	359.87	10,328.9	1,637.8	1,011.4	1,714.1	0.00	0.00	0.00
12,000.0	89.80	359.87	10,329.3	1,737.8	1,011.2	1,813.8	0.00	0.00	0.00
12,100.0	89.80	359.87	10,329.6	1,837.8	1,011.0	1,913.4	0.00	0.00	0.00
12,200.0	89.80	359.87	10,330.0	1,937.8	1,010.7	2,013.1	0.00	0.00	0.00
12,300.0	89.80	359.87	10,330.3	2,037.7	1,010.5	2,112.7	0.00	0.00	0.00
12,400.0	89.80	359.87	10,330.6	2,137.7	1,010.3	2,212.4	0.00	0.00	0.00
12,500.0	89.80	359.87	10,331.0	2,237.7	1,010.0	2,312.0	0.00	0.00	0.00
12,600.0	89.80	359.87	10,331.3	2,337.7	1,009.8	2,411.7	0.00	0.00	0.00
12,700.0	89.80	359.87	10,331.7	2,437.7	1,009.6	2,511.3	0.00	0.00	0.00
12,800.0	89.80	359.87	10,332.0	2,537.7	1,009.4	2,611.0	0.00	0.00	0.00
12,900.0	89.80	359.87	10,332.3	2,637.7	1,009.1	2,710.6	0.00	0.00	0.00
13,000.0	89.80	359.87	10,332.7	2,737.7	1,008.9	2,810.3	0.00	0.00	0.00
13,100.0	89.80	359.87	10,333.0	2,837.7	1,008.7	2,909.9	0.00	0.00	0.00
13,200.0	89.80	359.87	10,333.4	2,937.7	1,008.5	3,009.6	0.00	0.00	0.00
13,300.0	89.80	359.87	10,333.7	3,037.7	1,008.2	3,109.3	0.00	0.00	0.00
13,400.0	89.80	359.87	10,334.1	3,137.7	1,008.0	3,208.9	0.00	0.00	0.00
13,500.0	89.80	359.87	10,334.4	3,237.7	1,007.8	3,308.6	0.00	0.00	0.00
13,600.0	89.80	359.87	10,334.7	3,337.7	1,007.5	3,408.2	0.00	0.00	0.00
13,700.0	89.80	359.87	10,335.1	3,437.7	1,007.3	3,507.9	0.00	0.00	0.00
13,800.0	89.80	359.87	10,335.4	3,537.7	1,007.1	3,607.5	0.00	0.00	0.00
13,900.0	89.80	359.87	10,335.8	3,637.7	1,006.9	3,707.2	0.00	0.00	0.00
14,000.0	89.80	359.87	10,336.1	3,737.7	1,006.6	3,806.8	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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)
14,100.0	89.80	359.87	10,336.5	3,837.7	1,006.4	3,906.5	0.00	0.00	0.00
14,200.0	89.80	359.87	10,336.8	3,937.7	1,006.2	4,006.1	0.00	0.00	0.00
14,300.0	89.80	359.87	10,337.1	4,037.7	1,006.0	4,105.8	0.00	0.00	0.00
14,400.0	89.80	359.87	10,337.5	4,137.7	1,005.7	4,205.4	0.00	0.00	0.00
14,500.0	89.80	359.87	10,337.8	4,237.7	1,005.5	4,305.1	0.00	0.00	0.00
14,600.0	89.80	359.87	10,338.2	4,337.7	1,005.3	4,404.8	0.00	0.00	0.00
14,700.0	89.80	359.87	10,338.5	4,437.7	1,005.1	4,504.4	0.00	0.00	0.00
14,800.0	89.80	359.87	10,338.8	4,537.7	1,004.8	4,604.1	0.00	0.00	0.00
14,900.0	89.80	359.87	10,339.2	4,637.7	1,004.6	4,703.7	0.00	0.00	0.00
15,000.0	89.80	359.87	10,339.5	4,737.7	1,004.4	4,803.4	0.00	0.00	0.00
15,100.0	89.80	359.87	10,339.9	4,837.7	1,004.1	4,903.0	0.00	0.00	0.00
15,200.0	89.80	359.87	10,340.2	4,937.7	1,003.9	5,002.7	0.00	0.00	0.00
15,300.0	89.80	359.87	10,340.6	5,037.7	1,003.7	5,102.3	0.00	0.00	0.00
15,400.0	89.80	359.87	10,340.9	5,137.7	1,003.5	5,202.0	0.00	0.00	0.00
15,500.0	89.80	359.87	10,341.2	5,237.7	1,003.2	5,301.6	0.00	0.00	0.00
15,600.0	89.80	359.87	10,341.6	5,337.7	1,003.0	5,401.3	0.00	0.00	0.00
15,700.0	89.80	359.87	10,341.9	5,437.7	1,002.8	5,501.0	0.00	0.00	0.00
15,800.0	89.80	359.87	10,342.3	5,537.7	1,002.6	5,600.6	0.00	0.00	0.00
15,900.0	89.80	359.87	10,342.6	5,637.7	1,002.3	5,700.3	0.00	0.00	0.00
16,000.0	89.80	359.87	10,343.0	5,737.7	1,002.1	5,799.9	0.00	0.00	0.00
16,100.0	89.80	359.87	10,343.3	5,837.7	1,001.9	5,899.6	0.00	0.00	0.00
16,200.0	89.80	359.87	10,343.6	5,937.7	1,001.7	5,999.2	0.00	0.00	0.00
16,300.0	89.80	359.87	10,344.0	6,037.7	1,001.4	6,098.9	0.00	0.00	0.00
16,400.0	89.80	359.87	10,344.3	6,137.7	1,001.2	6,198.5	0.00	0.00	0.00
16,500.0	89.80	359.87	10,344.7	6,237.7	1,001.0	6,298.2	0.00	0.00	0.00
16,600.0	89.80	359.87	10,345.0	6,337.7	1,000.7	6,397.8	0.00	0.00	0.00
16,700.0	89.80	359.87	10,345.3	6,437.7	1,000.5	6,497.5	0.00	0.00	0.00
16,800.0	89.80	359.87	10,345.7	6,537.7	1,000.3	6,597.1	0.00	0.00	0.00
16,900.0	89.80	359.87	10,346.0	6,637.7	1,000.1	6,696.8	0.00	0.00	0.00
17,000.0	89.80	359.87	10,346.4	6,737.7	999.8	6,796.5	0.00	0.00	0.00
17,100.0	89.80	359.87	10,346.7	6,837.7	999.6	6,896.1	0.00	0.00	0.00
17,200.0	89.80	359.87	10,347.1	6,937.7	999.4	6,995.8	0.00	0.00	0.00
17,300.0	89.80	359.87	10,347.4	7,037.7	999.2	7,095.4	0.00	0.00	0.00
17,400.0	89.80	359.87	10,347.7	7,137.7	998.9	7,195.1	0.00	0.00	0.00
17,500.0	89.80	359.87	10,348.1	7,237.7	998.7	7,294.7	0.00	0.00	0.00
17,600.0	89.80	359.87	10,348.4	7,337.7	998.5	7,394.4	0.00	0.00	0.00
17,700.0	89.80	359.87	10,348.8	7,437.7	998.3	7,494.0	0.00	0.00	0.00
17,800.0	89.80	359.87	10,349.1	7,537.7	998.0	7,593.7	0.00	0.00	0.00
17,900.0	89.80	359.87	10,349.5	7,637.7	997.8	7,693.3	0.00	0.00	0.00
18,000.0	89.80	359.87	10,349.8	7,737.7	997.6	7,793.0	0.00	0.00	0.00
18,100.0	89.80	359.87	10,350.1	7,837.7	997.3	7,892.7	0.00	0.00	0.00
18,200.0	89.80	359.87	10,350.5	7,937.7	997.1	7,992.3	0.00	0.00	0.00
18,300.0	89.80	359.87	10,350.8	8,037.7	996.9	8,092.0	0.00	0.00	0.00
18,400.0	89.80	359.87	10,351.2	8,137.7	996.7	8,191.6	0.00	0.00	0.00
18,500.0	89.80	359.87	10,351.5	8,237.7	996.4	8,291.3	0.00	0.00	0.00
18,600.0	89.80	359.87	10,351.8	8,337.7	996.2	8,390.9	0.00	0.00	0.00
18,700.0	89.80	359.87	10,352.2	8,437.7	996.0	8,490.6	0.00	0.00	0.00
18,800.0	89.80	359.87	10,352.5	8,537.7	995.8	8,590.2	0.00	0.00	0.00
18,900.0	89.80	359.87	10,352.9	8,637.7	995.5	8,689.9	0.00	0.00	0.00
19,000.0	89.80	359.87	10,353.2	8,737.7	995.3	8,789.5	0.00	0.00	0.00
19,100.0	89.80	359.87	10,353.6	8,837.7	995.1	8,889.2	0.00	0.00	0.00
19,200.0	89.80	359.87	10,353.9	8,937.7	994.9	8,988.8	0.00	0.00	0.00
19,300.0	89.80	359.87	10,354.2	9,037.7	994.6	9,088.5	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 #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**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)
19,400.0	89.80	359.87	10,354.6	9,137.7	994.4	9,188.2	0.00	0.00	0.00
19,500.0	89.80	359.87	10,354.9	9,237.7	994.2	9,287.8	0.00	0.00	0.00
19,600.0	89.80	359.87	10,355.3	9,337.7	993.9	9,387.5	0.00	0.00	0.00
19,700.0	89.80	359.87	10,355.6	9,437.7	993.7	9,487.1	0.00	0.00	0.00
19,800.0	89.80	359.87	10,356.0	9,537.7	993.5	9,586.8	0.00	0.00	0.00
19,900.0	89.80	359.87	10,356.3	9,637.7	993.3	9,686.4	0.00	0.00	0.00
20,000.0	89.80	359.87	10,356.6	9,737.7	993.0	9,786.1	0.00	0.00	0.00
20,100.0	89.80	359.87	10,357.0	9,837.7	992.8	9,885.7	0.00	0.00	0.00
20,200.0	89.80	359.87	10,357.3	9,937.7	992.6	9,985.4	0.00	0.00	0.00
20,300.0	89.80	359.87	10,357.7	10,037.7	992.4	10,085.0	0.00	0.00	0.00
20,400.0	89.80	359.87	10,358.0	10,137.7	992.1	10,184.7	0.00	0.00	0.00
20,500.0	89.80	359.87	10,358.3	10,237.7	991.9	10,284.3	0.00	0.00	0.00
20,600.0	89.80	359.87	10,358.7	10,337.7	991.7	10,384.0	0.00	0.00	0.00
20,700.0	89.80	359.87	10,359.0	10,437.7	991.5	10,483.7	0.00	0.00	0.00
20,800.0	89.80	359.87	10,359.4	10,537.7	991.2	10,583.3	0.00	0.00	0.00
20,900.0	89.80	359.87	10,359.7	10,637.7	991.0	10,683.0	0.00	0.00	0.00
21,000.0	89.80	359.87	10,360.1	10,737.7	990.8	10,782.6	0.00	0.00	0.00
21,100.0	89.80	359.87	10,360.4	10,837.7	990.5	10,882.3	0.00	0.00	0.00
21,200.0	89.80	359.87	10,360.7	10,937.7	990.3	10,981.9	0.00	0.00	0.00
21,300.0	89.80	359.87	10,361.1	11,037.7	990.1	11,081.6	0.00	0.00	0.00
21,400.0	89.80	359.87	10,361.4	11,137.7	989.9	11,181.2	0.00	0.00	0.00
21,500.0	89.80	359.87	10,361.8	11,237.7	989.6	11,280.9	0.00	0.00	0.00
21,600.0	89.80	359.87	10,362.1	11,337.7	989.4	11,380.5	0.00	0.00	0.00
21,700.0	89.80	359.87	10,362.5	11,437.7	989.2	11,480.2	0.00	0.00	0.00
21,800.0	89.80	359.87	10,362.8	11,537.7	989.0	11,579.9	0.00	0.00	0.00
21,900.0	89.80	359.87	10,363.1	11,637.7	988.7	11,679.5	0.00	0.00	0.00
22,000.0	89.80	359.87	10,363.5	11,737.7	988.5	11,779.2	0.00	0.00	0.00
22,100.0	89.80	359.87	10,363.8	11,837.7	988.3	11,878.8	0.00	0.00	0.00
22,200.0	89.80	359.87	10,364.2	11,937.7	988.1	11,978.5	0.00	0.00	0.00
22,300.0	89.80	359.87	10,364.5	12,037.7	987.8	12,078.1	0.00	0.00	0.00
22,314.7	89.80	359.87	10,364.6	12,052.4	987.8	12,092.8	0.00	0.00	0.00
Start 130.0 hold at 22314.7 MD									
22,400.0	89.80	359.87	10,364.8	12,137.7	987.6	12,177.8	0.00	0.00	0.00
22,444.7	89.80	359.87	10,365.0	12,182.4	987.5	12,222.3	0.00	0.00	0.00
TD at 22444.7									

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	10,325.0	-80.5	1,015.3	364,103.41	579,443.60	32° 0' 2.790 N	104° 4' 37.407 W
- plan misses target center by 237.4usft at 10300.0usft MD (10153.9 TVD, 84.0 N, 1014.9 E)									
- Circle (radius 50.0)									
LTP (POTATO BABY ST	0.00	0.00	10,364.6	12,052.4	987.8	376,236.31	579,416.09	32° 2' 2.865 N	104° 4' 37.392 W
- plan hits target center									
- Point									
BHL (POTATO BABY ST	0.20	359.87	10,365.0	12,182.4	987.2	376,366.31	579,415.54	32° 2' 4.152 N	104° 4' 37.395 W
- plan misses target center by 0.3usft at 22444.7usft MD (10365.0 TVD, 12182.4 N, 987.5 E)									
- Rectangle (sides W100.0 H12,263.2 D20.0)									

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Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #907H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.7ft @ 3104.7usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #907H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

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
2,100.0	2,095.6	-4.9	62.4	Start 4296.7 hold at 2100.0 MD
6,396.7	6,298.4	-75.6	952.9	Start Drop -2.00
6,996.6	6,894.0	-80.5	1,015.3	Start 2858.0 hold at 6996.6 MD
9,854.7	9,752.0	-80.5	1,015.3	Start DLS 10.00 TFO 359.87
10,752.7	10,325.0	490.5	1,014.0	Start 11562.0 hold at 10752.7 MD
22,314.7	10,364.6	12,052.4	987.8	Start 130.0 hold at 22314.7 MD
22,444.7	10,365.0	12,182.4	987.5	TD at 22444.7

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Project:	ATLAS PROSPECT (NM-E)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)
Well:	POTATO BABY STATE COM #907H
Wellbore:	OWB
Design:	PWP0.1
GL:	3072.7

RKB 32ft + GL 3072.7ft @ 3104.7usft

G T M

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

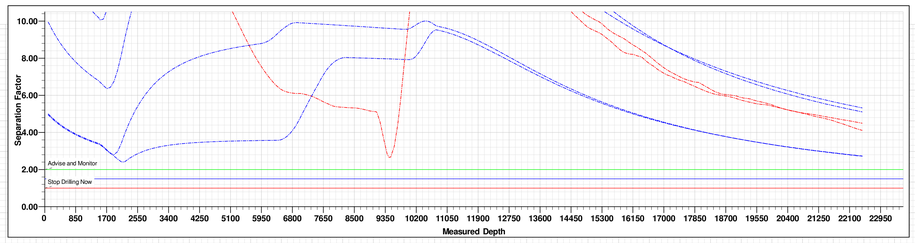
Magnetic Field
Strength: 47285.0nT
Dip Angle: 59.52°
Date: 12/1/2023
Model: BGGM2022

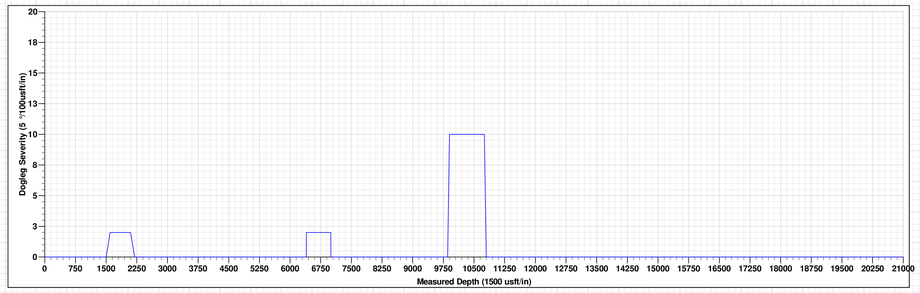
WELL DETAILS: POTATO BABY STATE COM #907H

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.0	0.0	364183.92	578428.30	32° 0' 3.610 N	104° 4' 49.196 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
FTP (POTATO BABY STATE COM #907H)	10325.0	-80.5	1015.3	364103.41	579443.60	Circle (Radius: 50.0)
LTP (POTATO BABY STATE COM #907H)	10364.6	12052.4	987.8	376236.31	579416.09	Point
BHL (POTATO BABY STATE COM #907H)	10365.0	12182.4	987.2	376366.31	579415.54	Rectangle (Sides: L12263.2 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
2100.0	12.00	94.53	2095.6	-4.9	62.4	0.1	62.6	Start 4296.7 hold at 2100.0 MD
6396.7	12.00	94.53	6298.4	-75.6	952.9	1.7	955.9	Start Drop -2.00
6996.6	0.00	0.00	6894.0	-80.5	1015.3	1.8	1018.5	Start 2858.0 hold at 6996.6 MD
9854.7	0.00	0.00	9752.0	-80.5	1015.3	1.8	1018.5	Start DLS 10.00 TFO 359.87
10752.7	89.80	359.87	10325.0	490.5	1014.0	570.8	1589.5	Start 11562.0 hold at 10752.7 MD
22314.7	89.80	359.87	10364.6	12052.4	987.8	12092.8	13151.4	Start 130.0 hold at 22314.7 MD
22444.7	89.80	359.87	10365.0	12182.4	987.5	12222.3	13281.4	TD at 22444.7