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 325577

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 30-015-50007

4. Property Code	5. Property Name	6. Well No.
329348	POTATO BABY STATE COM	906H

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	815	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	2290	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	GAS		State	3072
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	22724	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	9600	1030	0
Prod	6.75	5.5	23	22724	1695	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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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- 50007	98220	Purple Sage; Wolfcamp (Gas)

4 Property Code	5 Property Name	6 Well Number
329348	POTATO BABY STATE COM	906H

7 OGRID No.	8 Operator Name	9 Elevation
229137	COG OPERATING LLC	3072.49'

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	815'	WEST	EDDY

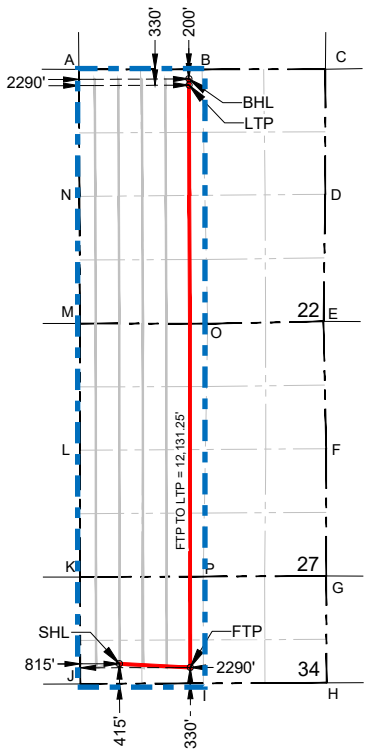
11 Bottom Hole Location If Different From Surface

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	2290'	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=619643.58 LAT.= 32.00112698° N
Y=364240.97 LONG.= -104.08072061° W
415' FSL, 815' FWL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=621118.76 LAT.= 32.00090213° N
Y=364162.65 LONG.= -104.07596239° W
330' FSL, 2290' FWL - SECTION 34

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=621090.99 LAT.= 32.03425061° N
Y=376293.86 LONG.= -104.07595878° W
330' FNL, 2290' FWL - SECTION 22

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=621090.44 LAT.= 32.03460797° N
Y=376423.86 LONG.= -104.07595953° W
200' FNL, 2290' 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

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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 325577

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
COG OPERATING LLC [229137] 600 W Illinois Ave Midland, TX 79701	30-015-50007
	Well: POTATO BABY STATE COM #906H

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	Cement is required to circulate on both surface and intermediate1 strings of casing
kpickford	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system

COG OPERATING LLC
HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. HYDROGEN SULFIDE TRAINING

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

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

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

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

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

2. H_2S SAFETY EQUIPMENT AND SYSTEMS

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

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

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

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

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

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

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

g. Communication:
Company vehicles equipped with cellular telephone.

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

W A R N I N G

YOU ARE ENTERING AN H_2S AREA
AUTHORIZED PERSONNEL ONLY

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

COG OPERATING LLC

1-575-748-6940

EMERGENCY CALL LIST

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

EMERGENCY RESPONSE NUMBERS

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

COG OPERATING LLC
HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

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COG OPERATING LLC

1-575-748-6940

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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 906H

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#	9,600’	1,030	0’
Production	6-3/4”	5-1/2”	23#	22,724’	1,695	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 Intermediate tapered hole (9-7/8x8-3/4”) to ~9,600’ 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 ~22,724’ 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 #906H

OWB
PWP0.1

Anticollision Report

19 August, 2022

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

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

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	1,500.0	PWP0.1 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocomp.-Initilzd Cont. rev.5
1,500.0	10,135.4	PWP0.1 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5
10,135.4	22,723.5	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
PEACEKEEPER						
BOWSER SWD #1 - OWB - SWD	5,232.4	5,135.9	1,143.2	1,112.7	37.462	CC
BOWSER SWD #1 - OWB - SWD	5,320.0	5,220.9	1,143.4	1,112.4	36.876	ES
BOWSER SWD #1 - OWB - SWD	10,165.0	9,991.1	1,319.9	1,259.9	21.979	SF
WETHERBEE #401H - OWB - AWP	9,332.7	9,533.4	854.7	803.8	16.789	CC, ES, SF
WETHERBEE #402H - OWB - AWP						Out of range
WETHERBEE #422H - OWB - AWP						Out of range
WETHERBEE #424H - OWB - AWP	10,350.0	15,475.0	705.0	635.7	10.169	SF
WETHERBEE #424H - OWB - AWP	10,432.3	15,475.0	696.5	629.1	10.334	CC, ES
WETHERBEE C ALLOCATION #407H - OWB - AWP	8,067.2	7,803.0	1,310.6	1,273.2	35.060	CC, ES
WETHERBEE C ALLOCATION #407H - OWB - AWP	8,200.0	7,876.0	1,316.9	1,278.9	34.729	SF
WETHERBEE D ALLOCATION #406H - OWB - AWP						Out of range
WETHERBEE D ALLOCATION #408H - OWB - AWP	7,519.6	7,370.4	581.5	559.5	26.409	CC, ES
WETHERBEE D ALLOCATION #408H - OWB - AWP	7,700.0	7,499.0	588.6	566.1	26.145	SF
WETHERBEE UNIT #423H - OWB - AWP	10,408.3	15,385.0	1,287.6	1,172.4	11.177	CC, ES
WETHERBEE UNIT #423H - OWB - AWP	10,450.0	15,385.0	1,289.0	1,173.6	11.169	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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
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	9,715.7	9,921.5	857.9	798.5	14.435	CC, ES
POTATO BABY STATE COM #703H - OWB - AWP	22,723.5	21,898.5	1,225.4	1,023.1	6.056	SF
POTATO BABY STATE COM #704H - OWB - AWP	5,987.6	5,892.4	217.4	185.5	6.817	CC, ES
POTATO BABY STATE COM #704H - OWB - AWP	22,723.5	21,915.0	879.9	682.1	4.448	SF
POTATO BABY STATE COM #705H - OWB - AWP	4,169.7	4,105.1	174.2	160.0	12.257	CC, ES
POTATO BABY STATE COM #705H - OWB - AWP	20,900.0	19,899.3	1,320.0	1,148.8	7.712	SF
POTATO BABY STATE COM #706H - OWB - AWP	2,969.0	2,951.2	116.6	105.7	10.725	CC, ES, SF
POTATO BABY STATE COM #901H - OWB - PWP0.1						Out of range
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	10,192.5	10,115.0	1,038.3	979.5	17.652	CC
POTATO BABY STATE COM #904H - OWB - PWP0.1	22,723.5	22,663.2	1,042.7	846.1	5.304	ES, SF
POTATO BABY STATE COM #905H - OWB - PWP0.1	11,384.1	10,832.3	580.0	513.9	8.770	CC
POTATO BABY STATE COM #905H - OWB - PWP0.1	22,723.5	22,170.0	582.4	384.7	2.946	ES, SF
POTATO BABY STATE COM #907H - OWB - PWP0.1	2,098.0	2,104.5	29.6	17.3	2.413	CC
POTATO BABY STATE COM #907H - OWB - PWP0.1	2,100.0	2,106.4	29.6	17.3	2.411	ES
POTATO BABY STATE COM #907H - OWB - PWP0.1	2,185.0	2,191.4	30.9	18.1	2.406	SF
POTATO BABY STATE COM #908H - OWB - PWP0.1	1,845.1	1,852.8	59.7	49.1	5.650	CC, ES
POTATO BABY STATE COM #908H - OWB - PWP0.1	22,723.5	22,564.4	980.3	786.1	5.047	SF
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,501.9	1,502.6	90.1	81.3	10.143	CC
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,520.0	1,521.1	90.2	81.2	10.076	ES
POTATO BABY STATE COM #909H - OWB - PWP0.1	1,800.0	1,806.2	94.7	84.6	9.388	SF
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,437.1	1,438.2	120.2	111.4	13.698	CC
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,500.0	1,500.0	120.2	111.3	13.533	ES
POTATO BABY STATE COM #910H - OWB - PWP0.1	1,600.0	1,597.0	123.6	114.3	13.354	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 #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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
PEACEKEEPER						
BOWSER SWD #1 - OWB - SWD	22,723.5	10,579.5				Out of Range @TD
WETHERBEE #401H - OWB - AWP	22,723.5	9,537.7				Out of Range @TD
WETHERBEE #402H - OWB - AWP	22,723.5	10,179.0				Out of Range @TD
WETHERBEE #422H - OWB - AWP	22,723.5	15,540.0				Out of Range @TD
WETHERBEE #424H - OWB - AWP	22,723.5	15,475.0				Out of Range @TD
WETHERBEE C ALLOCATION #407H - OWB - AWP	22,723.5	7,781.0				Out of Range @TD
WETHERBEE D ALLOCATION #406H - OWB - AWP	22,723.5	7,631.0				Out of Range @TD
WETHERBEE D ALLOCATION #408H - OWB - AWP	22,723.5	7,562.0				Out of Range @TD
WETHERBEE UNIT #423H - OWB - AWP	22,723.5	15,385.0				Out of Range @TD
POTATO BABY STATE PROJECT (ATLAS 2628)						
DIAMONDBACK 22 STATE COM #11H - OWB - AWP	22,723.5	9,137.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #1H - OWB - AWP	22,723.5	8,246.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #3H - OWB - AWP	22,723.5	10,165.0				Out of Range @TD
DIAMONDBACK 22 STATE COM #4H - OWB - AWP	22,723.5	8,415.2				Out of Range @TD
GRAHAM NASH STATE COM #5H - OWB - AWP	22,723.5	14,810.0				Out of Range @TD
POTATO BABY STATE COM #701H - OWB - AWP	22,723.5	16,584.0				Out of Range @TD
POTATO BABY STATE COM #702H - OWB - AWP	22,723.5	20,709.0				Out of Range @TD
POTATO BABY STATE COM #703H - OWB - AWP	22,723.5	21,898.5	1,225.4	1,023.1	6.056	SF
POTATO BABY STATE COM #704H - OWB - AWP	22,723.5	21,915.0	879.9	682.1	4.448	SF
POTATO BABY STATE COM #705H - OWB - AWP	22,723.5	21,732.1				Out of Range @TD
POTATO BABY STATE COM #706H - OWB - AWP	22,723.5	21,821.0				Out of Range @TD
POTATO BABY STATE COM #901H - OWB - PWP0.1	22,723.5	18,096.7				Out of Range @TD
POTATO BABY STATE COM #902H - OWB - PWP0.1	22,723.5	18,284.8				Out of Range @TD
POTATO BABY STATE COM #903H - OWB - PWP0.1	22,723.5	22,394.8				Out of Range @TD
POTATO BABY STATE COM #904H - OWB - PWP0.1	22,723.5	22,663.2	1,042.7	846.1	5.304	ES, SF
POTATO BABY STATE COM #905H - OWB - PWP0.1	22,723.5	22,170.0	582.4	384.7	2.946	ES, SF
POTATO BABY STATE COM #907H - OWB - PWP0.1	22,723.5	22,444.6	534.8	339.1	2.733	
POTATO BABY STATE COM #908H - OWB - PWP0.1	22,723.5	22,564.4	980.3	786.1	5.047	SF
POTATO BABY STATE COM #909H - OWB - PWP0.1	22,723.5	22,328.1				Out of Range @TD
POTATO BABY STATE COM #910H - OWB - PWP0.1	22,723.5	22,531.4				Out of Range @TD
SKEEN 34 STATE COM #1H (P&A) - OWB - AWP	22,723.5	13,334.0				Out of Range @TD
SRO STATE #61H - OWB - AWP	22,723.5	12,702.0				Out of Range @TD
SRO STATE #62H - OWB - AWP	22,723.5	12,575.0				Out of Range @TD
SRO STATE COM #64H - OWB - AWP	22,723.5	16,852.0				Out of Range @TD

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
2,565.0	2,547.2	2,547.7	2,547.7	8.4	10.3	61.29	-1,185.0	757.0	1,312.8	1,295.9	16.86	77.883	
2,600.0	2,581.2	2,581.7	2,581.7	8.5	10.5	61.61	-1,185.0	757.0	1,308.6	1,291.6	17.04	76.815	
2,660.0	2,639.4	2,639.9	2,639.9	8.7	10.7	62.16	-1,185.0	757.0	1,301.6	1,284.3	17.35	75.035	
2,700.0	2,678.2	2,678.7	2,678.7	8.8	10.8	62.53	-1,185.0	757.0	1,297.0	1,279.5	17.55	73.888	
2,755.0	2,731.6	2,732.1	2,732.1	9.0	11.0	63.04	-1,185.0	757.0	1,290.8	1,272.9	17.84	72.355	
2,800.0	2,775.2	2,775.7	2,775.7	9.2	11.1	63.46	-1,185.0	757.0	1,285.8	1,267.7	18.07	71.143	
2,850.0	2,823.7	2,824.2	2,824.2	9.4	11.3	63.93	-1,185.0	757.0	1,280.3	1,261.9	18.33	69.834	
2,900.0	2,872.3	2,872.8	2,872.8	9.6	11.5	64.41	-1,185.0	757.0	1,274.9	1,256.3	18.59	68.569	
2,945.0	2,915.9	2,916.4	2,916.4	9.7	11.6	64.84	-1,185.0	757.0	1,270.1	1,251.3	18.83	67.463	
3,000.0	2,969.3	2,969.8	2,969.8	10.0	11.8	65.37	-1,185.0	757.0	1,264.4	1,245.2	19.11	66.156	
3,040.0	3,008.1	3,008.6	3,008.6	10.1	11.9	65.76	-1,185.0	757.0	1,260.2	1,240.9	19.32	65.233	
3,100.0	3,066.3	3,066.8	3,066.8	10.4	12.1	66.35	-1,185.0	757.0	1,254.2	1,234.6	19.63	63.894	
3,135.0	3,100.3	3,100.8	3,100.8	10.5	12.3	66.70	-1,185.0	757.0	1,250.7	1,230.9	19.81	63.136	
3,200.0	3,163.3	3,163.8	3,163.8	10.8	12.5	67.35	-1,185.0	757.0	1,244.5	1,224.3	20.15	61.773	
3,230.0	3,192.5	3,193.0	3,193.0	10.9	12.6	67.65	-1,185.0	757.0	1,241.6	1,221.3	20.30	61.162	
3,300.0	3,260.4	3,260.9	3,260.9	11.2	12.8	68.36	-1,185.0	757.0	1,235.1	1,214.4	20.66	59.782	
3,325.0	3,284.6	3,285.1	3,285.1	11.3	12.9	68.61	-1,185.0	757.0	1,232.8	1,212.0	20.79	59.304	
3,400.0	3,357.4	3,357.9	3,357.9	11.6	13.2	69.38	-1,185.0	757.0	1,226.1	1,205.0	21.17	57.914	
3,420.0	3,376.8	3,377.3	3,377.3	11.7	13.2	69.59	-1,185.0	757.0	1,224.4	1,203.1	21.27	57.554	
3,500.0	3,454.4	3,454.9	3,454.9	12.0	13.5	70.42	-1,185.0	757.0	1,217.6	1,195.9	21.68	56.160	
3,515.0	3,469.0	3,469.5	3,469.5	12.1	13.6	70.57	-1,185.0	757.0	1,216.4	1,194.6	21.76	55.906	
3,600.0	3,551.5	3,552.0	3,552.0	12.4	13.8	71.47	-1,185.0	757.0	1,209.5	1,187.3	22.19	54.512	
3,610.0	3,561.2	3,561.7	3,561.7	12.5	13.9	71.57	-1,185.0	757.0	1,208.7	1,186.5	22.24	54.353	
3,700.0	3,648.5	3,649.0	3,649.0	12.9	14.2	72.53	-1,185.0	757.0	1,201.8	1,179.1	22.69	52.962	
3,705.0	3,653.3	3,653.8	3,653.8	12.9	14.2	72.59	-1,185.0	757.0	1,201.4	1,178.7	22.72	52.887	
3,800.0	3,745.5	3,746.0	3,746.0	13.3	14.5	73.61	-1,185.0	757.0	1,194.6	1,171.4	23.19	51.504	
3,895.0	3,837.7	3,838.2	3,838.2	13.7	14.9	74.64	-1,185.0	757.0	1,188.1	1,164.4	23.67	50.197	
3,900.0	3,842.6	3,843.1	3,843.1	13.7	14.9	74.70	-1,185.0	757.0	1,187.8	1,164.1	23.69	50.130	
3,990.0	3,929.9	3,930.4	3,930.4	14.1	15.2	75.69	-1,185.0	757.0	1,182.0	1,157.9	24.14	48.962	
4,000.0	3,939.6	3,940.1	3,940.1	14.2	15.2	75.80	-1,185.0	757.0	1,181.4	1,157.2	24.19	48.836	
4,085.0	4,022.1	4,022.6	4,022.6	14.6	15.5	76.74	-1,185.0	757.0	1,176.4	1,151.8	24.61	47.793	
4,100.0	4,036.6	4,037.1	4,037.1	14.6	15.6	76.91	-1,185.0	757.0	1,175.6	1,150.9	24.69	47.614	
4,180.0	4,114.2	4,114.7	4,114.7	15.0	15.8	77.81	-1,185.0	757.0	1,171.2	1,146.1	25.09	46.686	
4,200.0	4,133.6	4,134.1	4,134.1	15.1	15.9	78.03	-1,185.0	757.0	1,170.2	1,145.0	25.19	46.460	
4,275.0	4,206.4	4,206.9	4,206.9	15.4	16.2	78.88	-1,185.0	757.0	1,166.4	1,140.9	25.56	45.636	
4,300.0	4,230.7	4,231.2	4,231.2	15.5	16.2	79.16	-1,185.0	757.0	1,165.2	1,139.6	25.68	45.369	
4,370.0	4,298.6	4,299.1	4,299.1	15.9	16.5	79.96	-1,185.0	757.0	1,162.1	1,136.0	26.03	44.640	
4,400.0	4,327.7	4,328.2	4,328.2	16.0	16.6	80.30	-1,185.0	757.0	1,160.8	1,134.6	26.18	44.336	
4,465.0	4,390.8	4,391.3	4,391.3	16.3	16.8	81.04	-1,185.0	757.0	1,158.2	1,131.7	26.51	43.693	
4,500.0	4,424.7	4,425.2	4,425.2	16.4	16.9	81.45	-1,185.0	757.0	1,156.8	1,130.2	26.68	43.356	
4,560.0	4,482.9	4,483.4	4,483.4	16.7	17.1	82.14	-1,185.0	757.0	1,154.7	1,127.7	26.98	42.792	
4,600.0	4,521.8	4,522.3	4,522.3	16.9	17.3	82.60	-1,185.0	757.0	1,153.4	1,126.2	27.19	42.426	
4,655.0	4,575.1	4,575.6	4,575.6	17.2	17.5	83.24	-1,185.0	757.0	1,151.7	1,124.2	27.46	41.934	
4,700.0	4,618.8	4,619.3	4,619.3	17.4	17.6	83.76	-1,185.0	757.0	1,150.4	1,122.7	27.69	41.541	
4,750.0	4,667.3	4,667.8	4,667.8	17.6	17.8	84.34	-1,185.0	757.0	1,149.1	1,121.2	27.95	41.114	
4,800.0	4,715.8	4,716.3	4,716.3	17.8	18.0	84.93	-1,185.0	757.0	1,148.0	1,119.8	28.21	40.698	
4,845.0	4,759.5	4,760.0	4,760.0	18.0	18.1	85.45	-1,185.0	757.0	1,147.0	1,118.6	28.44	40.331	
4,900.0	4,812.8	4,813.3	4,813.3	18.3	18.3	86.10	-1,185.0	757.0	1,146.0	1,117.3	28.73	39.894	
4,940.0	4,851.7	4,852.2	4,852.2	18.5	18.4	86.56	-1,185.0	757.0	1,145.4	1,116.4	28.94	39.582	
5,000.0	4,909.9	4,910.4	4,910.4	18.8	18.6	87.27	-1,185.0	757.0	1,144.6	1,115.3	29.25	39.125	
5,035.0	4,943.8	4,944.3	4,944.3	18.9	18.8	87.68	-1,185.0	757.0	1,144.2	1,114.7	29.44	38.864	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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)	Rule Assigned: Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.0	5,006.9	5,007.4	5,007.4	19.2	19.0	88.44	-1,185.0	757.0	1,143.6	1,113.8	29.79	38.390	
5,130.0	5,036.0	5,036.5	5,036.5	19.4	19.1	88.80	-1,185.0	757.0	1,143.5	1,113.5	29.95	38.175	
5,200.0	5,103.9	5,104.4	5,104.4	19.7	19.3	89.62	-1,185.0	757.0	1,143.2	1,112.9	30.34	37.685	
5,225.0	5,128.2	5,128.7	5,128.7	19.8	19.4	89.91	-1,185.0	757.0	1,143.2	1,112.7	30.47	37.513	
5,232.4	5,135.4	5,135.9	5,135.9	19.8	19.4	90.00	-1,185.0	757.0	1,143.2	1,112.7	30.52	37.462 CC	
5,300.0	5,201.0	5,201.5	5,201.5	20.2	19.7	90.80	-1,185.0	757.0	1,143.3	1,112.4	30.89	37.008	
5,320.0	5,220.4	5,220.9	5,220.9	20.3	19.7	91.03	-1,185.0	757.0	1,143.4	1,112.4	31.01	36.876 ES	
5,400.0	5,298.0	5,298.5	5,298.5	20.6	20.0	91.97	-1,185.0	757.0	1,143.9	1,112.4	31.46	36.357	
5,415.0	5,312.5	5,313.0	5,313.0	20.7	20.1	92.15	-1,185.0	757.0	1,144.0	1,112.5	31.55	36.262	
5,500.0	5,395.0	5,395.5	5,395.5	21.1	20.4	93.15	-1,185.0	757.0	1,145.0	1,113.0	32.05	35.731	
5,510.0	5,404.7	5,405.2	5,405.2	21.1	20.4	93.26	-1,185.0	757.0	1,145.2	1,113.1	32.10	35.669	
5,600.0	5,492.1	5,492.6	5,492.6	21.6	20.7	94.32	-1,185.0	757.0	1,146.6	1,114.0	32.64	35.127	
5,605.0	5,496.9	5,497.4	5,497.4	21.6	20.7	94.38	-1,185.0	757.0	1,146.7	1,114.1	32.67	35.098	
5,700.0	5,589.1	5,589.6	5,589.6	22.0	21.1	95.48	-1,185.0	757.0	1,148.8	1,115.5	33.25	34.546	
5,795.0	5,681.3	5,681.8	5,681.8	22.5	21.4	96.59	-1,185.0	757.0	1,151.3	1,117.4	33.85	34.012	
5,800.0	5,686.1	5,686.6	5,686.6	22.5	21.4	96.65	-1,185.0	757.0	1,151.4	1,117.5	33.88	33.985	
5,890.0	5,773.4	5,773.9	5,773.9	22.9	21.7	97.69	-1,185.0	757.0	1,154.2	1,119.7	34.46	33.496	
5,900.0	5,783.1	5,783.6	5,783.6	23.0	21.7	97.81	-1,185.0	757.0	1,154.5	1,120.0	34.52	33.443	
5,985.0	5,865.6	5,866.1	5,866.1	23.4	22.0	98.78	-1,185.0	757.0	1,157.6	1,122.5	35.08	32.998	
6,000.0	5,880.2	5,880.7	5,880.7	23.5	22.1	98.96	-1,185.0	757.0	1,158.2	1,123.0	35.18	32.920	
6,080.0	5,957.8	5,958.3	5,958.3	23.8	22.4	99.87	-1,185.0	757.0	1,161.4	1,125.7	35.72	32.515	
6,100.0	5,977.2	5,977.7	5,977.7	23.9	22.4	100.10	-1,185.0	757.0	1,162.3	1,126.4	35.86	32.416	
6,175.0	6,050.0	6,050.5	6,050.5	24.3	22.7	100.95	-1,185.0	757.0	1,165.7	1,129.3	36.37	32.049	
6,200.0	6,074.2	6,074.7	6,074.7	24.4	22.8	101.24	-1,185.0	757.0	1,166.9	1,130.4	36.55	31.929	
6,270.0	6,142.1	6,142.6	6,142.6	24.8	23.0	102.03	-1,185.0	757.0	1,170.4	1,133.4	37.04	31.598	
6,300.0	6,171.3	6,171.8	6,171.8	24.9	23.1	102.36	-1,185.0	757.0	1,172.0	1,134.8	37.25	31.459	
6,365.0	6,234.3	6,234.8	6,234.8	25.2	23.3	103.09	-1,185.0	757.0	1,175.6	1,137.8	37.72	31.163	
6,400.0	6,268.3	6,268.8	6,268.8	25.4	23.5	103.48	-1,185.0	757.0	1,177.6	1,139.6	37.98	31.006	
6,460.0	6,326.5	6,327.0	6,327.0	25.7	23.7	104.15	-1,185.0	757.0	1,181.1	1,142.7	38.42	30.743	
6,500.0	6,365.3	6,365.8	6,365.8	25.9	23.8	104.59	-1,185.0	757.0	1,183.6	1,144.9	38.72	30.570	
6,555.0	6,418.7	6,419.2	6,419.2	26.1	24.0	105.19	-1,185.0	757.0	1,187.1	1,148.0	39.13	30.337	
6,600.0	6,462.3	6,462.8	6,462.8	26.3	24.2	105.69	-1,185.0	757.0	1,190.1	1,150.6	39.47	30.150	
6,650.0	6,510.9	6,511.4	6,511.4	26.6	24.3	106.23	-1,185.0	757.0	1,193.5	1,153.7	39.86	29.946	
6,700.0	6,559.4	6,559.9	6,559.9	26.8	24.5	106.77	-1,185.0	757.0	1,197.1	1,156.8	40.24	29.746	
6,745.0	6,603.0	6,603.5	6,603.5	27.0	24.7	107.25	-1,185.0	757.0	1,200.3	1,159.7	40.59	29.569	
6,800.0	6,656.4	6,656.9	6,656.9	27.3	24.8	107.84	-1,185.0	757.0	1,204.5	1,163.4	41.03	29.358	
6,840.0	6,695.2	6,695.7	6,695.7	27.5	25.0	108.27	-1,185.0	757.0	1,207.5	1,166.2	41.34	29.207	
6,900.0	6,753.4	6,753.9	6,753.9	27.8	25.2	108.90	-1,185.0	757.0	1,212.3	1,170.5	41.82	28.985	
6,935.0	6,787.4	6,787.9	6,787.9	27.9	25.3	109.27	-1,185.0	757.0	1,215.1	1,173.0	42.11	28.858	
7,000.0	6,850.5	6,851.0	6,851.0	28.3	25.5	109.95	-1,185.0	757.0	1,220.6	1,177.9	42.64	28.627	
7,030.0	6,879.6	6,880.1	6,880.1	28.4	25.6	110.26	-1,185.0	757.0	1,223.1	1,180.2	42.88	28.523	
7,100.0	6,947.5	6,948.0	6,948.0	28.7	25.9	110.98	-1,185.0	757.0	1,229.2	1,185.8	43.46	28.285	
7,125.0	6,971.7	6,972.2	6,972.2	28.9	26.0	111.24	-1,185.0	757.0	1,231.5	1,187.8	43.67	28.201	
7,200.0	7,044.5	7,045.0	7,045.0	29.2	26.2	112.00	-1,185.0	757.0	1,238.3	1,194.0	44.29	27.957	
7,220.0	7,063.9	7,064.4	7,064.4	29.3	26.3	112.20	-1,185.0	757.0	1,240.2	1,195.7	44.46	27.893	
7,300.0	7,141.5	7,142.0	7,142.0	29.7	26.6	113.00	-1,185.0	757.0	1,247.8	1,202.7	45.14	27.643	
7,315.0	7,156.1	7,156.6	7,156.6	29.8	26.6	113.15	-1,185.0	757.0	1,249.3	1,204.0	45.27	27.598	
7,400.0	7,238.6	7,239.1	7,239.1	30.2	26.9	113.99	-1,185.0	757.0	1,257.7	1,211.7	46.00	27.344	
7,410.0	7,248.3	7,248.8	7,248.8	30.2	27.0	114.09	-1,185.0	757.0	1,258.7	1,212.7	46.08	27.315	
7,500.0	7,335.6	7,336.1	7,336.1	30.7	27.3	114.97	-1,185.0	757.0	1,268.0	1,221.1	46.86	27.058	
7,505.0	7,340.5	7,341.0	7,341.0	30.7	27.3	115.02	-1,185.0	757.0	1,268.5	1,221.6	46.91	27.044	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
7,600.0	7,432.6	7,433.1	7,433.1	31.1	27.6	115.93	-1,185.0	757.0	1,278.7	1,230.9	47.74	26.785	
7,602.3	7,434.9	7,435.4	7,435.4	31.2	27.6	115.95	-1,185.0	757.0	1,278.9	1,231.2	47.76	26.778	
7,695.0	7,525.2	7,525.7	7,525.7	31.6	27.9	116.94	-1,185.0	757.0	1,288.5	1,239.9	48.56	26.534	
7,700.0	7,530.1	7,530.6	7,530.6	31.6	28.0	116.99	-1,185.0	757.0	1,288.9	1,240.3	48.60	26.521	
7,790.0	7,618.3	7,618.8	7,618.8	32.1	28.3	117.81	-1,185.0	757.0	1,297.1	1,247.7	49.34	26.288	
7,800.0	7,628.2	7,628.7	7,628.7	32.1	28.3	117.89	-1,185.0	757.0	1,297.9	1,248.5	49.42	26.262	
7,885.0	7,712.1	7,712.6	7,712.6	32.5	28.6	118.53	-1,185.0	757.0	1,304.4	1,254.3	50.08	26.046	
7,900.0	7,726.9	7,727.4	7,727.4	32.6	28.7	118.63	-1,185.0	757.0	1,305.4	1,255.2	50.19	26.008	
7,980.0	7,806.3	7,806.8	7,806.8	32.9	28.9	119.10	-1,185.0	757.0	1,310.3	1,259.5	50.77	25.807	
8,000.0	7,826.2	7,826.7	7,826.7	33.0	29.0	119.20	-1,185.0	757.0	1,311.4	1,260.5	50.92	25.756	
8,075.0	7,900.9	7,901.4	7,901.4	33.3	29.3	119.52	-1,185.0	757.0	1,314.8	1,263.4	51.42	25.570	
8,100.0	7,925.8	7,926.3	7,926.3	33.4	29.4	119.61	-1,185.0	757.0	1,315.7	1,264.1	51.58	25.507	
8,170.0	7,995.7	7,996.2	7,996.2	33.6	29.6	119.80	-1,185.0	757.0	1,317.7	1,265.7	52.01	25.337	
8,200.0	8,025.6	8,026.1	8,026.1	33.7	29.7	119.86	-1,185.0	757.0	1,318.4	1,266.2	52.19	25.262	
8,265.0	8,090.6	8,091.1	8,091.1	33.9	30.0	119.93	-1,185.0	757.0	1,319.1	1,266.6	52.51	25.120	
8,302.4	8,128.0	8,128.5	8,128.5	33.9	30.1	-147.02	-1,185.0	757.0	1,319.3	1,266.6	52.70	25.036	
8,360.0	8,185.6	8,186.1	8,186.1	33.9	30.3	-147.02	-1,185.0	757.0	1,319.3	1,266.3	52.92	24.929	
8,400.0	8,225.6	8,226.1	8,226.1	33.9	30.4	-147.02	-1,185.0	757.0	1,319.3	1,266.2	53.08	24.855	
8,455.0	8,280.6	8,281.1	8,281.1	34.0	30.6	-147.02	-1,185.0	757.0	1,319.3	1,266.0	53.30	24.754	
8,500.0	8,325.6	8,326.1	8,326.1	34.0	30.8	-147.02	-1,185.0	757.0	1,319.3	1,265.8	53.47	24.672	
8,550.0	8,375.6	8,376.1	8,376.1	34.0	31.0	-147.02	-1,185.0	757.0	1,319.3	1,265.6	53.67	24.581	
8,600.0	8,425.6	8,426.1	8,426.1	34.0	31.2	-147.02	-1,185.0	757.0	1,319.3	1,265.4	53.87	24.491	
8,645.0	8,470.6	8,471.1	8,471.1	34.0	31.3	-147.02	-1,185.0	757.0	1,319.3	1,265.2	54.04	24.411	
8,700.0	8,525.6	8,526.1	8,526.1	34.0	31.5	-147.02	-1,185.0	757.0	1,319.3	1,265.0	54.26	24.313	
8,740.0	8,565.6	8,566.1	8,566.1	34.0	31.7	-147.02	-1,185.0	757.0	1,319.3	1,264.8	54.42	24.243	
8,800.0	8,625.6	8,626.1	8,626.1	34.0	31.9	-147.02	-1,185.0	757.0	1,319.3	1,264.6	54.66	24.138	
8,835.0	8,660.6	8,661.1	8,661.1	34.0	32.0	-147.02	-1,185.0	757.0	1,319.3	1,264.5	54.79	24.077	
8,900.0	8,725.6	8,726.1	8,726.1	34.0	32.2	-147.02	-1,185.0	757.0	1,319.3	1,264.2	55.05	23.965	
8,930.0	8,755.6	8,756.1	8,756.1	34.1	32.3	-147.02	-1,185.0	757.0	1,319.3	1,264.1	55.17	23.913	
9,000.0	8,825.6	8,826.1	8,826.1	34.1	32.6	-147.02	-1,185.0	757.0	1,319.3	1,263.8	55.45	23.794	
9,025.0	8,850.6	8,851.1	8,851.1	34.1	32.7	-147.02	-1,185.0	757.0	1,319.3	1,263.7	55.54	23.751	
9,100.0	8,925.6	8,926.1	8,926.1	34.1	32.9	-147.02	-1,185.0	757.0	1,319.3	1,263.4	55.84	23.625	
9,120.0	8,945.6	8,946.1	8,946.1	34.1	33.0	-147.02	-1,185.0	757.0	1,319.3	1,263.3	55.92	23.592	
9,200.0	9,025.6	9,026.1	9,026.1	34.1	33.3	-147.02	-1,185.0	757.0	1,319.3	1,263.0	56.24	23.459	
9,215.0	9,040.6	9,041.1	9,041.1	34.1	33.4	-147.02	-1,185.0	757.0	1,319.3	1,263.0	56.30	23.434	
9,300.0	9,125.6	9,126.1	9,126.1	34.1	33.7	-147.02	-1,185.0	757.0	1,319.3	1,262.6	56.63	23.295	
9,310.0	9,135.6	9,136.1	9,136.1	34.1	33.7	-147.02	-1,185.0	757.0	1,319.3	1,262.6	56.67	23.279	
9,400.0	9,225.6	9,226.1	9,226.1	34.2	34.0	-147.02	-1,185.0	757.0	1,319.3	1,262.2	57.03	23.133	
9,405.0	9,230.6	9,231.1	9,231.1	34.2	34.0	-147.02	-1,185.0	757.0	1,319.3	1,262.2	57.05	23.125	
9,500.0	9,325.6	9,326.1	9,326.1	34.2	34.4	-147.02	-1,185.0	757.0	1,319.3	1,261.8	57.43	22.974	
9,595.0	9,420.6	9,421.1	9,421.1	34.2	34.7	-147.02	-1,185.0	757.0	1,319.3	1,261.5	57.80	22.824	
9,600.0	9,425.6	9,426.1	9,426.1	34.2	34.7	-147.02	-1,185.0	757.0	1,319.3	1,261.4	57.82	22.816	
9,690.0	9,515.6	9,516.1	9,516.1	34.2	35.1	-147.02	-1,185.0	757.0	1,319.3	1,261.1	58.18	22.676	
9,700.0	9,525.6	9,526.1	9,526.1	34.2	35.1	-147.02	-1,185.0	757.0	1,319.3	1,261.0	58.22	22.660	
9,785.0	9,610.6	9,611.1	9,611.1	34.3	35.4	-147.02	-1,185.0	757.0	1,319.3	1,260.7	58.56	22.530	
9,800.0	9,625.6	9,626.1	9,626.1	34.3	35.4	-147.02	-1,185.0	757.0	1,319.3	1,260.7	58.62	22.507	
9,880.0	9,705.6	9,706.1	9,706.1	34.3	35.7	-147.02	-1,185.0	757.0	1,319.3	1,260.3	58.93	22.386	
9,900.0	9,725.6	9,726.1	9,726.1	34.3	35.8	-147.02	-1,185.0	757.0	1,319.3	1,260.3	59.01	22.355	
9,975.0	9,800.6	9,801.1	9,801.1	34.3	36.1	-147.02	-1,185.0	757.0	1,319.3	1,260.0	59.31	22.243	
10,000.0	9,825.6	9,826.1	9,826.1	34.3	36.2	-147.02	-1,185.0	757.0	1,319.3	1,259.9	59.41	22.206	
10,070.0	9,895.6	9,896.1	9,896.1	34.3	36.4	-147.02	-1,185.0	757.0	1,319.3	1,259.6	59.69	22.102	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
10,100.0	9,925.6	9,926.1	9,926.1	34.3	36.5	-147.02	-1,185.0	757.0	1,319.3	1,259.5	59.81	22.058	
10,135.4	9,961.0	9,961.5	9,961.5	34.3	36.6	-147.02	-1,185.0	757.0	1,319.3	1,259.3	59.94	22.010	
10,150.0	9,975.6	9,976.1	9,976.1	34.3	36.7	-146.88	-1,185.0	757.0	1,319.4	1,259.4	59.99	21.993	
10,165.0	9,990.6	9,991.1	9,991.1	34.3	36.8	-146.87	-1,185.0	757.0	1,319.9	1,259.9	60.05	21.979 SF	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 0.0 usft

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

Offset Well Error: 3.0 usft

Rule Assigned:

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,200.0	2,193.1	2,233.2	2,231.8	7.2	9.4	39.85	-885.8	1,064.7	1,317.8	1,301.5	16.32	80.727	
2,280.0	2,270.7	2,300.0	2,298.6	7.5	9.6	40.37	-886.6	1,063.7	1,302.6	1,285.9	16.70	77.985	
2,300.0	2,290.1	2,313.7	2,312.2	7.5	9.7	40.47	-886.8	1,063.7	1,298.9	1,282.1	16.79	77.386	
2,375.0	2,362.9	2,374.0	2,372.5	7.7	9.8	40.92	-887.5	1,063.7	1,285.7	1,268.6	17.13	75.071	
2,400.0	2,387.1	2,400.0	2,398.6	7.8	9.9	41.11	-887.8	1,064.0	1,281.5	1,264.3	17.26	74.250	
2,470.0	2,455.0	2,463.8	2,462.3	8.0	10.1	41.58	-888.6	1,064.9	1,269.8	1,252.2	17.62	72.074	
2,500.0	2,484.1	2,494.3	2,492.9	8.1	10.2	41.80	-888.9	1,065.3	1,264.8	1,247.0	17.79	71.118	
2,565.0	2,547.2	2,560.0	2,558.5	8.4	10.4	42.28	-889.5	1,066.0	1,253.9	1,235.8	18.15	69.099	
2,600.0	2,581.2	2,595.3	2,593.8	8.5	10.5	42.55	-889.8	1,066.4	1,248.1	1,229.7	18.34	68.046	
2,660.0	2,639.4	2,653.1	2,651.7	8.7	10.7	43.00	-890.3	1,066.9	1,238.0	1,219.3	18.67	66.311	
2,700.0	2,678.2	2,691.5	2,690.1	8.8	10.8	43.29	-890.7	1,067.2	1,231.4	1,212.5	18.89	65.192	
2,755.0	2,731.6	2,744.2	2,742.7	9.0	11.0	43.71	-891.2	1,067.7	1,222.3	1,203.2	19.19	63.689	
2,800.0	2,775.2	2,787.3	2,785.8	9.2	11.1	44.05	-891.6	1,068.2	1,215.0	1,195.6	19.44	62.498	
2,850.0	2,823.7	2,838.2	2,836.8	9.4	11.3	44.46	-892.1	1,068.7	1,206.9	1,187.2	19.73	61.177	
2,900.0	2,872.3	2,890.3	2,888.8	9.6	11.4	44.89	-892.5	1,069.1	1,198.8	1,178.7	20.02	59.884	
2,945.0	2,915.9	2,933.3	2,931.8	9.7	11.6	45.24	-892.8	1,069.4	1,191.4	1,171.1	20.27	58.777	
3,000.0	2,969.3	2,984.5	2,983.0	10.0	11.8	45.67	-893.2	1,069.9	1,182.6	1,162.0	20.57	57.477	
3,040.0	3,008.1	3,022.7	3,021.2	10.1	11.9	46.00	-893.5	1,070.3	1,176.2	1,155.4	20.80	56.554	
3,100.0	3,066.3	3,080.9	3,079.4	10.4	12.1	46.50	-894.0	1,070.8	1,166.8	1,145.7	21.14	55.207	
3,135.0	3,100.3	3,115.5	3,114.0	10.5	12.2	46.81	-894.4	1,071.0	1,161.4	1,140.0	21.33	54.438	
3,200.0	3,163.3	3,181.3	3,179.7	10.8	12.4	47.40	-895.1	1,071.3	1,151.2	1,129.5	21.70	53.052	
3,230.0	3,192.5	3,210.6	3,209.1	10.9	12.5	47.67	-895.4	1,071.4	1,146.5	1,124.7	21.86	52.440	
3,300.0	3,260.4	3,275.3	3,273.8	11.2	12.7	48.28	-896.2	1,071.6	1,135.8	1,113.6	22.24	51.070	
3,325.0	3,284.6	3,300.0	3,298.5	11.3	12.8	48.52	-896.6	1,071.8	1,132.1	1,109.7	22.38	50.589	
3,400.0	3,357.4	3,374.6	3,373.1	11.6	13.1	49.23	-897.5	1,072.1	1,120.9	1,098.1	22.79	49.176	
3,420.0	3,376.8	3,395.0	3,393.5	11.7	13.1	49.43	-897.7	1,072.2	1,117.9	1,095.0	22.91	48.806	
3,500.0	3,454.4	3,475.9	3,474.4	12.0	13.4	50.22	-898.5	1,072.4	1,105.9	1,082.6	23.35	47.373	
3,515.0	3,469.0	3,491.1	3,489.6	12.1	13.4	50.38	-898.6	1,072.4	1,103.7	1,080.3	23.43	47.112	
3,600.0	3,551.5	3,569.8	3,568.3	12.4	13.7	51.19	-899.5	1,072.3	1,091.2	1,067.3	23.87	45.707	
3,610.0	3,561.2	3,579.0	3,577.4	12.5	13.7	51.28	-899.6	1,072.3	1,089.7	1,065.8	23.93	45.548	
3,700.0	3,648.5	3,670.0	3,668.4	12.9	14.0	52.24	-900.8	1,072.3	1,077.0	1,052.6	24.41	44.125	
3,705.0	3,653.3	3,675.2	3,673.6	12.9	14.0	52.30	-900.9	1,072.3	1,076.2	1,051.8	24.43	44.047	
3,800.0	3,745.5	3,767.1	3,765.6	13.3	14.4	53.29	-901.7	1,072.1	1,062.7	1,037.8	24.93	42.631	
3,895.0	3,837.7	3,859.4	3,857.8	13.7	14.7	54.32	-902.8	1,071.9	1,049.7	1,024.3	25.42	41.301	
3,900.0	3,842.6	3,864.3	3,862.8	13.7	14.7	54.38	-902.9	1,071.9	1,049.0	1,023.6	25.44	41.232	
3,990.0	3,929.9	3,955.6	3,954.1	14.1	15.0	55.42	-903.8	1,071.5	1,036.8	1,010.9	25.90	40.026	
4,000.0	3,939.6	3,965.9	3,964.4	14.2	15.0	55.54	-903.9	1,071.4	1,035.4	1,009.5	25.95	39.894	
4,085.0	4,022.1	4,049.9	4,048.4	14.6	15.3	56.55	-904.6	1,070.5	1,023.9	997.5	26.38	38.811	
4,100.0	4,036.6	4,064.4	4,062.8	14.6	15.3	56.73	-904.8	1,070.4	1,021.9	995.4	26.46	38.627	
4,180.0	4,114.2	4,143.1	4,141.5	15.0	15.6	57.71	-905.5	1,069.4	1,011.3	984.5	26.85	37.666	
4,200.0	4,133.6	4,163.1	4,161.5	15.1	15.6	57.96	-905.7	1,069.2	1,008.7	981.8	26.95	37.432	
4,275.0	4,206.4	4,235.9	4,234.3	15.4	15.9	58.89	-906.3	1,068.1	999.0	971.7	27.31	36.583	
4,300.0	4,230.7	4,259.4	4,257.8	15.5	16.0	59.20	-906.5	1,067.7	995.8	968.4	27.43	36.311	
4,370.0	4,298.6	4,327.5	4,325.9	15.9	16.2	60.11	-907.3	1,066.4	987.2	959.5	27.75	35.573	
4,400.0	4,327.7	4,358.3	4,356.7	16.0	16.3	60.53	-907.7	1,065.8	983.6	955.7	27.89	35.262	
4,465.0	4,390.8	4,422.9	4,421.2	16.3	16.5	61.43	-908.3	1,064.3	975.6	947.4	28.19	34.609	
4,500.0	4,424.7	4,455.8	4,454.1	16.4	16.6	61.89	-908.6	1,063.5	971.4	943.1	28.35	34.271	
4,560.0	4,482.9	4,512.9	4,511.2	16.7	16.8	62.71	-909.2	1,062.2	964.5	935.9	28.61	33.712	
4,600.0	4,521.8	4,552.7	4,551.0	16.9	16.9	63.29	-909.6	1,061.2	960.0	931.2	28.79	33.350	
4,655.0	4,575.1	4,607.1	4,605.3	17.2	17.1	64.11	-910.3	1,059.4	953.9	924.8	29.02	32.869	
4,700.0	4,618.8	4,650.3	4,648.5	17.4	17.2	64.77	-910.8	1,058.0	949.0	919.8	29.21	32.489	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
4,750.0	4,667.3	4,698.3	4,696.5	17.6	17.4	65.50	-911.4	1,056.6	943.7	914.3	29.42	32.080	
4,800.0	4,715.8	4,747.2	4,745.4	17.8	17.5	66.25	-911.9	1,055.1	938.6	908.9	29.62	31.683	
4,845.0	4,759.5	4,791.3	4,789.4	18.0	17.7	66.94	-912.3	1,053.8	934.0	904.2	29.81	31.337	
4,900.0	4,812.8	4,843.2	4,841.3	18.3	17.9	67.76	-912.9	1,052.2	928.7	898.7	30.03	30.932	
4,940.0	4,851.7	4,880.6	4,878.8	18.5	18.0	68.36	-913.3	1,050.9	925.0	894.9	30.18	30.649	
5,000.0	4,909.9	4,936.7	4,934.7	18.8	18.2	69.27	-914.1	1,049.0	919.8	889.4	30.41	30.245	
5,035.0	4,943.8	4,969.3	4,967.4	18.9	18.3	69.80	-914.6	1,047.9	916.9	886.4	30.54	30.019	
5,100.0	5,006.9	5,031.6	5,029.6	19.2	18.5	70.83	-915.6	1,046.0	911.9	881.1	30.79	29.615	
5,130.0	5,036.0	5,061.0	5,059.1	19.4	18.6	71.32	-916.1	1,045.1	909.7	878.8	30.91	29.433	
5,200.0	5,103.9	5,129.4	5,127.4	19.7	18.8	72.45	-917.0	1,043.0	904.6	873.5	31.17	29.022	
5,225.0	5,128.2	5,153.6	5,151.6	19.8	18.9	72.86	-917.4	1,042.2	902.9	871.7	31.26	28.881	
5,300.0	5,201.0	5,225.6	5,223.5	20.2	19.2	74.07	-918.4	1,039.9	898.0	866.5	31.54	28.470	
5,320.0	5,220.4	5,244.4	5,242.3	20.3	19.2	74.39	-918.6	1,039.3	896.8	865.2	31.62	28.365	
5,400.0	5,298.0	5,319.6	5,317.5	20.6	19.5	75.68	-919.8	1,036.9	892.4	860.5	31.91	27.963	
5,415.0	5,312.5	5,333.6	5,331.5	20.7	19.5	75.92	-920.0	1,036.5	891.6	859.7	31.97	27.891	
5,500.0	5,395.0	5,413.3	5,411.0	21.1	19.8	77.29	-921.5	1,034.1	887.8	855.5	32.28	27.500	
5,510.0	5,404.7	5,422.6	5,420.4	21.1	19.9	77.46	-921.6	1,033.8	887.4	855.1	32.32	27.456	
5,600.0	5,492.1	5,507.3	5,505.0	21.6	20.1	78.92	-923.4	1,031.4	884.3	851.6	32.66	27.076	
5,605.0	5,496.9	5,512.0	5,509.8	21.6	20.2	79.00	-923.5	1,031.2	884.1	851.4	32.68	27.055	
5,700.0	5,589.1	5,602.7	5,600.4	22.0	20.5	80.56	-925.5	1,029.0	881.7	848.7	33.05	26.680	
5,795.0	5,681.3	5,692.2	5,689.8	22.5	20.8	82.10	-927.5	1,026.9	880.2	846.8	33.43	26.332	
5,800.0	5,686.1	5,696.9	5,694.5	22.5	20.8	82.18	-927.7	1,026.7	880.1	846.7	33.45	26.314	
5,890.0	5,773.4	5,782.2	5,779.8	22.9	21.1	83.65	-929.8	1,024.7	879.6	845.8	33.82	26.007	
5,900.0	5,783.1	5,791.7	5,789.2	23.0	21.1	83.81	-930.1	1,024.5	879.6	845.7	33.86	25.974	
5,909.3	5,792.1	5,800.5	5,798.1	23.0	21.2	83.97	-930.3	1,024.3	879.6	845.7	33.90	25.944	
5,985.0	5,865.6	5,874.1	5,871.6	23.4	21.4	85.22	-932.2	1,022.8	879.8	845.5	34.24	25.695	
6,000.0	5,880.2	5,888.7	5,886.2	23.5	21.5	85.47	-932.6	1,022.5	879.9	845.5	34.31	25.647	
6,080.0	5,957.8	5,967.7	5,965.1	23.8	21.7	86.82	-934.6	1,020.8	880.5	845.9	34.68	25.389	
6,100.0	5,977.2	5,987.4	5,984.9	23.9	21.8	87.16	-935.0	1,020.3	880.8	846.0	34.78	25.325	
6,175.0	6,050.0	6,062.6	6,060.1	24.3	22.1	88.43	-936.7	1,018.9	881.8	846.6	35.16	25.082	
6,200.0	6,074.2	6,087.8	6,085.2	24.4	22.2	88.86	-937.2	1,018.4	882.1	846.8	35.28	25.000	
6,270.0	6,142.1	6,156.7	6,154.1	24.8	22.4	90.01	-938.4	1,017.2	883.3	847.7	35.65	24.776	
6,300.0	6,171.3	6,186.1	6,183.5	24.9	22.5	90.50	-938.9	1,016.7	883.9	848.1	35.81	24.682	
6,365.0	6,234.3	6,253.7	6,251.0	25.2	22.7	91.64	-939.9	1,015.4	885.3	849.1	36.19	24.465	
6,400.0	6,268.3	6,290.6	6,287.9	25.4	22.9	92.26	-940.3	1,014.7	886.0	849.6	36.40	24.343	
6,460.0	6,326.5	6,352.4	6,349.7	25.7	23.1	93.31	-940.6	1,013.2	887.2	850.4	36.76	24.133	
6,500.0	6,365.3	6,393.2	6,390.6	25.9	23.2	94.03	-940.6	1,011.9	888.0	851.0	37.01	23.991	
6,555.0	6,418.7	6,451.7	6,449.0	26.1	23.4	95.07	-940.4	1,009.8	889.2	851.8	37.38	23.784	
6,600.0	6,462.3	6,499.8	6,497.0	26.3	23.6	95.94	-939.8	1,007.8	890.0	852.3	37.70	23.609	
6,650.0	6,510.9	6,551.1	6,548.3	26.6	23.8	96.88	-939.0	1,005.7	891.0	852.9	38.05	23.415	
6,700.0	6,559.4	6,602.5	6,599.7	26.8	23.9	97.81	-938.0	1,003.6	891.9	853.5	38.41	23.219	
6,745.0	6,603.0	6,646.8	6,643.9	27.0	24.1	98.62	-937.0	1,001.7	892.9	854.2	38.74	23.048	
6,800.0	6,656.4	6,701.0	6,698.0	27.3	24.3	99.60	-935.7	999.4	894.3	855.1	39.15	22.840	
6,840.0	6,695.2	6,740.2	6,737.1	27.5	24.4	100.31	-934.8	997.8	895.4	855.9	39.46	22.691	
6,900.0	6,753.4	6,799.1	6,796.0	27.8	24.6	101.37	-933.3	995.5	897.2	857.3	39.93	22.470	
6,935.0	6,787.4	6,833.5	6,830.4	27.9	24.7	101.97	-932.4	994.4	898.4	858.2	40.21	22.343	
7,000.0	6,850.5	6,897.6	6,894.4	28.3	24.9	103.08	-930.7	992.4	900.8	860.0	40.74	22.110	
7,030.0	6,879.6	6,928.5	6,925.3	28.4	25.0	103.61	-929.9	991.6	901.9	860.9	41.00	22.000	
7,100.0	6,947.5	7,000.9	6,997.6	28.7	25.3	104.84	-927.6	989.7	904.7	863.0	41.61	21.740	
7,125.0	6,971.7	7,028.7	7,025.4	28.9	25.4	105.31	-926.6	989.0	905.6	863.8	41.85	21.640	
7,200.0	7,044.5	7,111.6	7,108.2	29.2	25.6	106.71	-923.0	987.0	908.1	865.6	42.57	21.335	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
7,220.0	7,063.9	7,132.7	7,129.3	29.3	25.7	107.07	-921.9	986.5	908.8	866.0	42.76	21.255	
7,300.0	7,141.5	7,214.9	7,211.4	29.7	26.0	108.44	-917.5	985.2	911.2	867.7	43.51	20.943	
7,315.0	7,156.1	7,228.5	7,224.9	29.8	26.0	108.66	-916.8	985.0	911.7	868.1	43.64	20.891	
7,400.0	7,238.6	7,305.5	7,301.8	30.2	26.3	109.89	-913.1	984.3	915.1	870.7	44.39	20.613	
7,410.0	7,248.3	7,314.2	7,310.6	30.2	26.3	110.03	-912.7	984.2	915.5	871.1	44.48	20.583	
7,500.0	7,335.6	7,393.0	7,389.2	30.7	26.6	111.25	-909.6	983.6	920.4	875.2	45.27	20.332	
7,505.0	7,340.5	7,400.0	7,396.3	30.7	26.6	111.36	-909.4	983.6	920.8	875.4	45.33	20.311	
7,600.0	7,432.6	7,484.8	7,481.0	31.1	26.9	112.64	-906.9	983.0	927.2	881.0	46.19	20.075	
7,602.3	7,434.9	7,486.9	7,483.2	31.2	26.9	112.67	-906.8	983.0	927.4	881.2	46.21	20.069	
7,695.0	7,525.2	7,564.1	7,560.3	31.6	27.2	113.89	-905.0	982.1	934.4	887.4	47.00	19.882	
7,700.0	7,530.1	7,568.2	7,564.4	31.6	27.2	113.95	-904.9	982.0	934.8	887.8	47.04	19.873	
7,790.0	7,618.3	7,640.6	7,636.8	32.1	27.4	115.00	-904.0	980.0	942.3	894.6	47.74	19.738	
7,800.0	7,628.2	7,648.5	7,644.7	32.1	27.5	115.11	-904.0	979.7	943.2	895.4	47.82	19.725	
7,885.0	7,712.1	7,716.5	7,712.6	32.5	27.7	116.02	-903.8	976.5	950.9	902.5	48.42	19.640	
7,900.0	7,726.9	7,728.8	7,724.8	32.6	27.8	116.17	-903.9	975.9	952.3	903.8	48.52	19.627	
7,980.0	7,806.3	7,800.0	7,795.9	32.9	28.0	116.97	-904.8	971.8	960.0	910.9	49.09	19.556	
8,000.0	7,826.2	7,811.5	7,807.4	33.0	28.1	117.10	-905.0	971.1	961.9	912.8	49.16	19.567	
8,075.0	7,900.9	7,877.1	7,872.8	33.3	28.3	117.68	-906.9	967.4	969.2	919.5	49.61	19.534	
8,100.0	7,925.8	7,900.0	7,895.7	33.4	28.4	117.84	-907.9	966.3	971.5	921.8	49.77	19.522	
8,170.0	7,995.7	7,967.3	7,963.0	33.6	28.7	118.22	-910.9	963.3	977.8	927.6	50.18	19.485	
8,200.0	8,025.6	7,996.8	7,992.3	33.7	28.8	118.34	-912.3	962.1	980.2	929.9	50.35	19.467	
8,265.0	8,090.6	8,073.9	8,069.4	33.9	29.0	118.53	-915.9	959.5	984.7	933.9	50.81	19.380	
8,302.4	8,128.0	8,116.8	8,112.2	33.9	29.2	-148.38	-917.6	958.4	986.6	935.5	51.04	19.329	
8,360.0	8,185.6	8,178.7	8,174.1	33.9	29.4	-148.37	-919.8	956.9	989.0	937.7	51.30	19.278	
8,400.0	8,225.6	8,221.5	8,216.8	33.9	29.6	-148.36	-921.1	955.9	990.6	939.1	51.48	19.240	
8,455.0	8,280.6	8,280.2	8,275.4	34.0	29.8	-148.34	-922.7	954.5	992.5	940.8	51.73	19.185	
8,500.0	8,325.6	8,327.4	8,322.6	34.0	29.9	-148.32	-923.7	953.3	994.0	942.0	51.93	19.139	
8,550.0	8,375.6	8,379.3	8,374.5	34.0	30.1	-148.29	-924.9	952.1	995.5	943.4	52.15	19.090	
8,600.0	8,425.6	8,428.0	8,423.2	34.0	30.3	-148.27	-925.9	951.1	997.0	944.6	52.33	19.050	
8,645.0	8,470.6	8,469.9	8,465.1	34.0	30.4	-148.27	-927.0	950.3	998.4	946.0	52.48	19.025	
8,700.0	8,525.6	8,522.1	8,517.2	34.0	30.6	-148.27	-928.6	949.3	1,000.4	947.7	52.67	18.995	
8,740.0	8,565.6	8,561.0	8,556.1	34.0	30.7	-148.27	-929.9	948.7	1,001.9	949.1	52.81	18.972	
8,800.0	8,625.6	8,619.2	8,614.2	34.0	30.9	-148.29	-931.9	947.7	1,004.2	951.2	53.02	18.940	
8,835.0	8,660.6	9,546.8	9,186.2	34.0	33.5	178.71	-932.9	1,494.4	988.9	941.7	47.17	20.964	
8,900.0	8,725.6	9,545.0	9,186.3	34.0	33.5	178.83	-932.9	1,492.6	957.9	910.1	47.83	20.027	
8,930.0	8,755.6	9,544.2	9,186.3	34.1	33.5	178.88	-932.9	1,491.8	944.7	896.6	48.13	19.630	
9,000.0	8,825.6	9,542.3	9,186.4	34.1	33.5	179.01	-932.9	1,489.9	917.1	868.3	48.80	18.795	
9,025.0	8,850.6	9,541.6	9,186.4	34.1	33.5	179.06	-932.9	1,489.2	908.3	859.3	49.02	18.529	
9,100.0	8,925.6	9,539.6	9,186.4	34.1	33.5	179.19	-932.9	1,487.2	885.8	836.1	49.65	17.839	
9,120.0	8,945.6	9,539.1	9,186.5	34.1	33.5	179.23	-932.9	1,486.7	880.7	830.9	49.81	17.683	
9,200.0	9,025.6	9,536.9	9,186.5	34.1	33.5	179.37	-933.0	1,484.5	864.9	814.6	50.34	17.181	
9,215.0	9,040.6	9,536.5	9,186.5	34.1	33.5	179.40	-933.0	1,484.1	862.7	812.3	50.42	17.109	
9,300.0	9,125.6	9,534.2	9,186.6	34.1	33.4	179.55	-933.0	1,481.8	855.3	804.5	50.81	16.834	
9,310.0	9,135.6	9,534.0	9,186.6	34.1	33.4	179.57	-933.0	1,481.6	855.0	804.1	50.84	16.817	
9,332.7	9,158.3	9,533.4	9,186.6	34.1	33.4	179.61	-933.0	1,481.0	854.7	803.8	50.91	16.789	CC, ES, SF
9,400.0	9,225.6	9,531.6	9,186.7	34.2	33.4	179.73	-933.0	1,479.2	857.3	806.3	51.03	16.800	
9,405.0	9,230.6	9,531.5	9,186.7	34.2	33.4	179.74	-933.0	1,479.1	857.7	806.7	51.04	16.806	
9,500.0	9,325.6	9,529.0	9,186.8	34.2	33.4	179.90	-933.0	1,476.6	870.9	819.9	51.02	17.069	
9,595.0	9,420.6	9,526.5	9,186.8	34.2	33.4	-179.93	-933.0	1,474.1	894.0	843.2	50.83	17.588	
9,600.0	9,425.6	9,526.3	9,186.8	34.2	33.4	-179.92	-933.0	1,473.9	895.5	844.6	50.82	17.622	
9,690.0	9,515.6	9,524.0	9,186.9	34.2	33.4	-179.76	-933.0	1,471.6	926.3	875.8	50.51	18.338	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
9,700.0	9,525.6	9,523.7	9,186.9	34.2	33.4	-179.75	-933.1	1,471.3	930.2	879.7	50.47	18.430	
9,785.0	9,610.6	9,521.5	9,187.0	34.3	33.3	-179.60	-933.1	1,469.1	966.9	916.8	50.12	19.292	
9,800.0	9,625.6	9,521.2	9,187.0	34.3	33.3	-179.57	-933.1	1,468.8	974.0	923.9	50.05	19.459	
9,880.0	9,705.6	9,519.1	9,187.1	34.3	33.3	-179.44	-933.1	1,466.7	1,014.8	965.1	49.70	20.420	
9,900.0	9,725.6	9,518.6	9,187.1	34.3	33.3	-179.40	-933.1	1,466.2	1,025.7	976.1	49.61	20.676	
9,975.0	9,800.6	9,516.7	9,187.1	34.3	33.3	-179.27	-933.1	1,464.3	1,069.0	1,019.7	49.28	21.692	
10,000.0	9,825.6	9,516.0	9,187.1	34.3	33.3	-179.23	-933.1	1,463.7	1,084.2	1,035.0	49.17	22.047	
10,070.0	9,895.6	9,514.3	9,187.2	34.3	33.3	-179.11	-933.1	1,461.9	1,128.6	1,079.7	48.89	23.082	
10,100.0	9,925.6	9,513.5	9,187.2	34.3	33.3	-179.06	-933.1	1,461.1	1,148.4	1,099.6	48.78	23.541	
10,135.4	9,961.0	9,512.6	9,187.2	34.3	33.3	-179.00	-933.2	1,460.2	1,172.3	1,123.6	48.72	24.062	
10,150.0	9,975.6	9,512.3	9,187.3	34.3	33.3	-178.82	-933.2	1,459.9	1,182.5	1,133.8	48.67	24.295	
10,165.0	9,990.6	9,511.9	9,187.3	34.3	33.3	-178.76	-933.2	1,459.5	1,193.3	1,144.6	48.63	24.537	
10,200.0	10,025.5	9,511.0	9,187.3	34.3	33.3	-178.60	-933.2	1,458.6	1,219.9	1,171.3	48.55	25.124	
10,250.0	10,074.9	9,509.8	9,187.3	34.3	33.3	-178.32	-933.2	1,457.5	1,260.7	1,212.3	48.48	26.007	
10,260.0	10,084.6	9,509.6	9,187.3	34.3	33.3	-178.25	-933.2	1,457.2	1,269.3	1,220.8	48.47	26.189	
10,300.0	10,123.4	9,508.7	9,187.4	34.3	33.2	-177.91	-933.2	1,456.3	1,304.5	1,256.1	48.44	26.932	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 — **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
9,500.0	9,325.6	15,475.0	10,471.5	34.2	42.9	-119.60	-385.3	934.7	1,295.2	1,226.0	69.25	18.703	
9,595.0	9,420.6	15,475.0	10,471.5	34.2	42.9	-119.60	-385.3	934.7	1,212.7	1,143.1	69.61	17.422	
9,600.0	9,425.6	15,475.0	10,471.5	34.2	42.9	-119.60	-385.3	934.7	1,208.5	1,138.8	69.63	17.356	
9,690.0	9,515.6	15,475.0	10,471.5	34.2	42.9	-119.60	-385.3	934.7	1,132.2	1,062.3	69.96	16.185	
9,700.0	9,525.6	15,475.0	10,471.5	34.2	42.9	-119.60	-385.3	934.7	1,123.9	1,053.9	69.99	16.057	
9,785.0	9,610.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	1,054.1	983.8	70.28	14.998	
9,800.0	9,625.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	1,042.0	971.7	70.33	14.815	
9,880.0	9,705.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	979.0	908.4	70.58	13.871	
9,900.0	9,725.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	963.6	893.0	70.63	13.642	
9,975.0	9,800.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	907.6	836.8	70.82	12.816	
10,000.0	9,825.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	889.5	818.7	70.87	12.552	
10,070.0	9,895.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	840.9	769.9	70.98	11.847	
10,100.0	9,925.6	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	821.0	750.0	71.00	11.562	
10,135.4	9,961.0	15,475.0	10,471.5	34.3	42.9	-119.60	-385.3	934.7	798.3	727.0	71.30	11.195	
10,150.0	9,975.6	15,475.0	10,471.5	34.3	42.9	-120.46	-385.3	934.7	789.3	718.0	71.29	11.071	
10,165.0	9,990.6	15,475.0	10,471.5	34.3	42.9	-121.41	-385.3	934.7	780.4	709.1	71.27	10.949	
10,200.0	10,025.5	15,475.0	10,471.5	34.3	42.9	-123.38	-385.3	934.7	761.0	689.8	71.14	10.696	
10,250.0	10,074.9	15,475.0	10,471.5	34.3	42.9	-125.63	-385.3	934.7	737.1	666.3	70.78	10.413	
10,260.0	10,084.6	15,475.0	10,471.5	34.3	42.9	-126.00	-385.3	934.7	732.9	662.2	70.68	10.369	
10,300.0	10,123.4	15,475.0	10,471.5	34.3	42.9	-127.27	-385.3	934.7	718.2	648.0	70.18	10.234	
10,350.0	10,170.6	15,475.0	10,471.5	34.3	42.9	-128.35	-385.3	934.7	705.0	635.7	69.33	10.169	SF
10,355.0	10,175.3	15,475.0	10,471.5	34.3	42.9	-128.43	-385.3	934.7	704.0	634.8	69.23	10.169	
10,400.0	10,216.3	15,475.0	10,471.5	34.4	42.9	-128.92	-385.3	934.7	697.8	629.6	68.23	10.227	
10,432.3	10,244.8	15,475.0	10,471.5	34.4	42.9	-129.02	-385.3	934.7	696.5	629.1	67.40	10.334	CC, ES
10,450.0	10,260.1	15,475.0	10,471.5	34.4	42.9	-128.99	-385.3	934.7	696.9	630.0	66.91	10.416	
10,500.0	10,301.5	15,475.0	10,471.5	34.4	42.9	-128.57	-385.3	934.7	702.3	636.9	65.40	10.737	
10,545.0	10,336.6	15,475.0	10,471.5	34.4	42.9	-127.75	-385.3	934.7	712.3	648.4	63.94	11.140	
10,550.0	10,340.4	15,475.0	10,471.5	34.4	42.9	-127.64	-385.3	934.7	713.8	650.0	63.78	11.191	
10,600.0	10,376.4	15,475.0	10,471.5	34.4	42.9	-126.16	-385.3	934.7	731.0	668.9	62.09	11.773	
10,640.0	10,402.9	15,475.0	10,471.5	34.4	42.9	-124.57	-385.3	934.7	748.6	687.9	60.73	12.326	
10,650.0	10,409.2	15,475.0	10,471.5	34.4	42.9	-124.10	-385.3	934.7	753.5	693.1	60.40	12.476	
10,700.0	10,438.6	15,475.0	10,471.5	34.4	42.9	-121.39	-385.3	934.7	780.6	721.8	58.74	13.289	
10,735.0	10,457.0	15,475.0	10,471.5	34.4	42.9	-119.06	-385.3	934.7	801.9	744.3	57.62	13.918	
10,750.0	10,464.4	15,475.0	10,471.5	34.4	42.9	-117.94	-385.3	934.7	811.6	754.5	57.15	14.202	
10,800.0	10,486.3	15,475.0	10,471.5	34.5	42.9	-113.68	-385.3	934.7	846.0	790.3	55.64	15.203	
10,830.0	10,497.6	15,475.0	10,471.5	34.5	42.9	-110.70	-385.3	934.7	867.9	813.1	54.78	15.843	
10,850.0	10,504.3	15,475.0	10,471.5	34.5	42.9	-108.54	-385.3	934.7	883.0	828.8	54.23	16.283	
10,900.0	10,518.1	15,475.0	10,471.5	34.5	42.9	-102.49	-385.3	934.7	922.1	869.2	52.90	17.430	
10,925.0	10,523.4	15,475.0	10,471.5	34.5	42.9	-99.14	-385.3	934.7	942.3	890.0	52.27	18.026	
10,950.0	10,527.6	15,475.0	10,471.5	34.6	42.9	-95.59	-385.3	934.7	962.8	911.1	51.67	18.634	
11,000.0	10,532.9	15,475.0	10,471.5	34.6	42.9	-88.02	-385.3	934.7	1,004.5	954.0	50.51	19.886	
11,020.0	10,533.8	15,475.0	10,471.5	34.6	42.9	-84.87	-385.3	934.7	1,021.4	971.3	50.07	20.398	
11,033.2	10,534.0	15,475.0	10,471.5	34.6	42.9	-82.77	-385.3	934.7	1,032.6	982.8	49.79	20.740	
11,100.0	10,534.3	15,475.0	10,471.5	34.7	42.9	-82.77	-385.3	934.7	1,089.9	1,041.4	48.45	22.496	
11,115.0	10,534.3	15,475.0	10,471.5	34.7	42.9	-82.77	-385.3	934.7	1,102.9	1,054.7	48.17	22.896	
11,200.0	10,534.6	15,475.0	10,471.5	34.8	42.9	-82.77	-385.3	934.7	1,177.5	1,130.8	46.71	25.207	
11,210.0	10,534.7	15,475.0	10,471.5	34.8	42.9	-82.77	-385.3	934.7	1,186.4	1,139.8	46.56	25.483	
11,300.0	10,535.0	15,475.0	10,471.5	35.0	42.9	-82.77	-385.3	934.7	1,267.0	1,221.7	45.25	27.997	
11,305.0	10,535.0	15,475.0	10,471.5	35.0	42.9	-82.77	-385.3	934.7	1,271.5	1,226.3	45.19	28.138	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 C ALLOCATION #407H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100- VES GyroFlex, 7591-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
7,900.0	7,726.9	7,654.0	7,651.6	32.6	7.0	24.77	-690.8	2,611.9	1,319.1	1,282.2	36.84	35.805	
7,980.0	7,806.3	7,759.8	7,756.0	32.9	7.2	25.68	-707.2	2,608.2	1,313.3	1,276.3	36.96	35.530	
8,000.0	7,826.2	7,769.7	7,765.8	33.0	7.2	25.77	-709.1	2,607.7	1,312.2	1,275.1	37.06	35.403	
8,067.2	7,893.1	7,803.0	7,798.1	33.3	7.3	26.14	-716.5	2,605.8	1,310.6	1,273.2	37.38	35.060	CC, ES
8,075.0	7,900.9	7,813.0	7,807.8	33.3	7.3	26.26	-719.1	2,605.2	1,310.6	1,273.2	37.39	35.056	
8,100.0	7,925.8	7,813.0	7,807.8	33.4	7.3	26.27	-719.1	2,605.2	1,311.0	1,273.4	37.56	34.902	
8,170.0	7,995.7	7,854.4	7,847.2	33.6	7.4	26.88	-731.6	2,602.5	1,314.3	1,276.5	37.82	34.746	
8,200.0	8,025.6	7,876.0	7,867.3	33.7	7.5	27.24	-739.3	2,601.0	1,316.9	1,278.9	37.92	34.729	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
2,700.0	2,678.2	2,699.4	2,699.3	8.8	3.5	26.25	-640.3	1,359.9	1,314.5	1,302.5	12.06	109.008	
2,755.0	2,731.6	2,753.3	2,753.2	9.0	3.6	26.51	-640.2	1,359.8	1,302.5	1,290.2	12.25	106.290	
2,800.0	2,775.2	2,797.4	2,797.4	9.2	3.6	26.72	-640.1	1,359.8	1,292.6	1,280.2	12.41	104.126	
2,850.0	2,823.7	2,844.9	2,844.9	9.4	3.6	26.96	-640.0	1,359.7	1,281.7	1,269.1	12.60	101.753	
2,900.0	2,872.3	2,892.4	2,892.4	9.6	3.6	27.19	-639.9	1,359.8	1,270.8	1,258.0	12.78	99.447	
2,945.0	2,915.9	2,935.3	2,935.2	9.7	3.7	27.41	-639.8	1,359.8	1,261.0	1,248.1	12.94	97.419	
3,000.0	2,969.3	2,987.7	2,987.7	10.0	3.7	27.68	-639.7	1,359.9	1,249.2	1,236.0	13.15	95.020	
3,040.0	3,008.1	3,025.4	3,025.4	10.1	3.7	27.87	-639.7	1,360.0	1,240.6	1,227.3	13.30	93.308	
3,100.0	3,066.3	3,081.8	3,081.8	10.4	3.7	28.17	-639.5	1,360.2	1,227.9	1,214.4	13.52	90.818	
3,135.0	3,100.3	3,114.5	3,114.5	10.5	3.8	28.34	-639.4	1,360.4	1,220.5	1,206.8	13.65	89.395	
3,200.0	3,163.3	3,174.8	3,174.8	10.8	3.8	28.66	-639.3	1,360.9	1,206.9	1,193.0	13.90	86.829	
3,230.0	3,192.5	3,202.8	3,202.8	10.9	3.8	28.81	-639.4	1,361.1	1,200.7	1,186.7	14.02	85.674	
3,300.0	3,260.4	3,270.8	3,270.7	11.2	3.8	29.20	-639.5	1,361.6	1,186.4	1,172.1	14.28	83.053	
3,325.0	3,284.6	3,295.1	3,295.0	11.3	3.9	29.33	-639.5	1,361.8	1,181.2	1,166.9	14.38	82.139	
3,400.0	3,357.4	3,369.4	3,369.3	11.6	3.9	29.77	-639.7	1,362.3	1,165.9	1,151.2	14.67	79.461	
3,420.0	3,376.8	3,389.2	3,389.1	11.7	3.9	29.89	-639.8	1,362.4	1,161.8	1,147.0	14.75	78.763	
3,500.0	3,454.4	3,468.2	3,468.1	12.0	3.9	30.38	-640.0	1,362.8	1,145.3	1,130.3	15.06	76.035	
3,515.0	3,469.0	3,483.0	3,482.9	12.1	4.0	30.47	-640.0	1,362.9	1,142.3	1,127.1	15.12	75.535	
3,600.0	3,551.5	3,562.2	3,562.2	12.4	4.0	30.96	-640.1	1,363.4	1,124.9	1,109.5	15.46	72.755	
3,610.0	3,561.2	3,571.4	3,571.4	12.5	4.0	31.02	-640.2	1,363.4	1,122.9	1,107.4	15.50	72.437	
3,700.0	3,648.5	3,657.1	3,657.0	12.9	4.1	31.59	-640.6	1,364.2	1,105.0	1,089.2	15.86	69.661	
3,705.0	3,653.3	3,661.9	3,661.9	12.9	4.1	31.62	-640.6	1,364.2	1,104.0	1,088.2	15.88	69.511	
3,800.0	3,745.5	3,754.2	3,754.1	13.3	4.1	32.24	-641.0	1,365.0	1,085.3	1,069.0	16.26	66.732	
3,895.0	3,837.7	3,849.7	3,849.7	13.7	4.2	32.90	-641.3	1,365.9	1,066.6	1,050.0	16.64	64.100	
3,900.0	3,842.6	3,854.9	3,854.9	13.7	4.2	32.94	-641.3	1,366.0	1,065.7	1,049.0	16.66	63.966	
3,990.0	3,929.9	3,942.7	3,942.6	14.1	4.3	33.57	-641.4	1,366.5	1,047.8	1,030.7	17.02	61.570	
4,000.0	3,939.6	3,951.8	3,951.8	14.2	4.3	33.64	-641.4	1,366.5	1,045.8	1,028.7	17.06	61.310	
4,085.0	4,022.1	4,032.0	4,031.9	14.6	4.4	34.24	-641.7	1,367.2	1,029.3	1,011.9	17.40	59.165	
4,100.0	4,036.6	4,046.8	4,046.7	14.6	4.4	34.36	-641.8	1,367.3	1,026.4	1,009.0	17.46	58.799	
4,180.0	4,114.2	4,126.0	4,125.9	15.0	4.4	34.98	-642.2	1,367.9	1,011.0	993.3	17.77	56.895	
4,200.0	4,133.6	4,146.0	4,146.0	15.1	4.5	35.14	-642.3	1,368.0	1,007.2	989.3	17.85	56.431	
4,275.0	4,206.4	4,219.5	4,219.5	15.4	4.5	35.74	-642.5	1,368.4	992.7	974.6	18.14	54.726	
4,300.0	4,230.7	4,242.6	4,242.6	15.5	4.5	35.93	-642.6	1,368.5	987.9	969.7	18.24	54.168	
4,370.0	4,298.6	4,307.6	4,307.5	15.9	4.6	36.50	-643.2	1,368.8	974.8	956.3	18.51	52.664	
4,400.0	4,327.7	4,336.3	4,336.2	16.0	4.6	36.75	-643.5	1,369.0	969.2	950.6	18.62	52.051	
4,465.0	4,390.8	4,398.3	4,398.3	16.3	4.6	37.33	-644.3	1,369.3	957.3	938.4	18.86	50.754	
4,500.0	4,424.7	4,432.0	4,431.9	16.4	4.7	37.65	-644.8	1,369.4	951.0	932.0	18.99	50.079	
4,560.0	4,482.9	4,489.6	4,489.5	16.7	4.7	38.20	-645.6	1,369.8	940.2	921.0	19.21	48.948	
4,600.0	4,521.8	4,529.5	4,529.4	16.9	4.7	38.59	-646.1	1,370.0	933.0	913.7	19.35	48.225	
4,655.0	4,575.1	4,585.2	4,585.1	17.2	4.8	39.14	-646.8	1,370.2	923.2	903.6	19.54	47.257	
4,700.0	4,618.8	4,629.2	4,629.1	17.4	4.8	39.59	-647.4	1,370.3	915.1	895.4	19.69	46.479	
4,750.0	4,667.3	4,677.3	4,677.2	17.6	4.8	40.09	-648.0	1,370.5	906.2	886.4	19.86	45.634	
4,800.0	4,715.8	4,725.3	4,725.1	17.8	4.9	40.59	-648.6	1,370.6	897.4	877.4	20.03	44.814	
4,845.0	4,759.5	4,768.3	4,768.2	18.0	4.9	41.06	-649.2	1,370.8	889.6	869.4	20.17	44.098	
4,900.0	4,812.8	4,821.4	4,821.3	18.3	4.9	41.65	-650.0	1,370.9	880.2	859.8	20.35	43.255	
4,940.0	4,851.7	4,860.4	4,860.3	18.5	5.0	42.09	-650.6	1,371.0	873.4	852.9	20.47	42.663	
5,000.0	4,909.9	4,919.1	4,919.0	18.8	5.0	42.77	-651.5	1,371.1	863.3	842.6	20.65	41.801	
5,035.0	4,943.8	4,953.5	4,953.3	18.9	5.0	43.17	-652.0	1,371.2	857.4	836.6	20.75	41.312	
5,100.0	5,006.9	5,017.3	5,017.1	19.2	5.1	43.94	-652.9	1,371.3	846.6	825.6	20.94	40.430	
5,130.0	5,036.0	5,046.8	5,046.6	19.4	5.1	44.29	-653.3	1,371.3	841.6	820.6	21.02	40.034	
5,200.0	5,103.9	5,114.8	5,114.7	19.7	5.2	45.13	-654.1	1,371.4	830.1	808.9	21.21	39.132	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
5,225.0	5,128.2	5,138.2	5,138.0	19.8	5.2	45.43	-654.5	1,371.5	826.1	804.8	21.28	38.816	
5,300.0	5,201.0	5,208.6	5,208.4	20.2	5.2	46.34	-655.6	1,371.6	814.2	792.8	21.48	37.908	
5,320.0	5,220.4	5,228.2	5,228.0	20.3	5.3	46.60	-656.0	1,371.7	811.2	789.6	21.53	37.678	
5,400.0	5,298.0	5,306.4	5,306.2	20.6	5.3	47.64	-657.2	1,371.9	798.9	777.2	21.72	36.785	
5,415.0	5,312.5	5,321.2	5,321.0	20.7	5.3	47.84	-657.4	1,372.0	796.7	774.9	21.75	36.622	
5,500.0	5,395.0	5,404.6	5,404.4	21.1	5.4	48.98	-658.6	1,372.3	783.9	762.0	21.94	35.725	
5,510.0	5,404.7	5,414.4	5,414.2	21.1	5.4	49.12	-658.7	1,372.4	782.4	760.5	21.96	35.622	
5,600.0	5,492.1	5,502.3	5,502.1	21.6	5.5	50.35	-659.8	1,372.8	769.3	747.1	22.15	34.726	
5,605.0	5,496.9	5,507.2	5,507.0	21.6	5.5	50.42	-659.8	1,372.8	768.5	746.4	22.16	34.677	
5,700.0	5,589.1	5,599.2	5,599.0	22.0	5.6	51.75	-660.9	1,373.3	755.0	732.7	22.35	33.789	
5,795.0	5,681.3	5,690.0	5,689.8	22.5	5.7	53.09	-661.9	1,374.1	742.1	719.5	22.52	32.958	
5,800.0	5,686.1	5,694.8	5,694.5	22.5	5.7	53.17	-661.9	1,374.2	741.4	718.9	22.52	32.916	
5,890.0	5,773.4	5,782.1	5,781.9	22.9	5.8	54.48	-662.8	1,375.2	729.7	707.0	22.66	32.195	
5,900.0	5,783.1	5,791.8	5,791.6	23.0	5.8	54.63	-663.0	1,375.3	728.4	705.7	22.68	32.118	
5,985.0	5,865.6	5,872.8	5,872.5	23.4	5.9	55.91	-664.0	1,376.1	717.8	695.0	22.79	31.492	
6,000.0	5,880.2	5,887.0	5,886.8	23.5	6.0	56.14	-664.2	1,376.2	716.0	693.2	22.81	31.388	
6,080.0	5,957.8	5,964.5	5,964.2	23.8	6.0	57.42	-665.5	1,376.8	706.7	683.8	22.89	30.868	
6,100.0	5,977.2	5,983.9	5,983.6	23.9	6.1	57.74	-665.8	1,377.0	704.4	681.5	22.91	30.746	
6,175.0	6,050.0	6,058.9	6,058.6	24.3	6.2	59.03	-667.0	1,377.5	696.0	673.1	22.96	30.315	
6,200.0	6,074.2	6,084.1	6,083.8	24.4	6.2	59.47	-667.4	1,377.6	693.2	670.3	22.97	30.178	
6,270.0	6,142.1	6,151.2	6,150.9	24.8	6.3	60.66	-668.3	1,377.9	685.6	662.6	23.01	29.798	
6,300.0	6,171.3	6,179.5	6,179.2	24.9	6.3	61.17	-668.8	1,378.0	682.5	659.5	23.02	29.646	
6,365.0	6,234.3	6,245.0	6,244.7	25.2	6.4	62.39	-669.9	1,378.1	676.0	652.9	23.02	29.358	
6,400.0	6,268.3	6,281.4	6,281.1	25.4	6.4	63.07	-670.4	1,378.2	672.4	649.4	23.02	29.211	
6,460.0	6,326.5	6,348.6	6,348.3	25.7	6.4	64.35	-670.8	1,378.0	666.1	643.1	22.96	29.016	
6,500.0	6,365.3	6,394.4	6,394.1	25.9	6.5	65.27	-670.6	1,377.3	661.5	638.6	22.89	28.895	
6,555.0	6,418.7	6,450.8	6,450.5	26.1	6.4	66.44	-670.0	1,376.2	655.0	632.2	22.79	28.734	
6,600.0	6,462.3	6,496.5	6,496.1	26.3	6.4	67.39	-669.4	1,375.2	649.7	626.9	22.71	28.604	
6,650.0	6,510.9	6,546.9	6,546.5	26.6	6.4	68.46	-668.5	1,374.1	643.8	621.2	22.62	28.464	
6,700.0	6,559.4	6,597.2	6,596.9	26.8	6.4	69.55	-667.5	1,373.0	638.0	615.5	22.52	28.327	
6,745.0	6,603.0	6,640.2	6,639.8	27.0	6.4	70.51	-666.6	1,371.9	632.9	610.4	22.44	28.197	
6,800.0	6,656.4	6,692.4	6,692.0	27.3	6.4	71.70	-665.6	1,370.4	627.0	604.6	22.35	28.054	
6,840.0	6,695.2	6,731.2	6,730.7	27.5	6.4	72.61	-664.9	1,369.3	622.9	600.6	22.28	27.961	
6,900.0	6,753.4	6,789.7	6,789.2	27.8	6.4	73.99	-663.8	1,367.5	617.0	594.8	22.17	27.828	
6,935.0	6,787.4	6,824.1	6,823.6	27.9	6.4	74.81	-663.1	1,366.5	613.7	591.6	22.11	27.754	
7,000.0	6,850.5	6,888.2	6,887.6	28.3	6.4	76.37	-661.6	1,364.7	607.8	585.8	22.01	27.615	
7,030.0	6,879.6	6,918.1	6,917.6	28.4	6.4	77.10	-660.9	1,363.8	605.2	583.2	21.96	27.551	
7,100.0	6,947.5	6,988.8	6,988.2	28.7	6.3	78.84	-658.9	1,361.9	599.2	577.3	21.88	27.389	
7,125.0	6,971.7	7,012.8	7,012.1	28.9	6.3	79.43	-658.1	1,361.3	597.1	575.2	21.85	27.324	
7,200.0	7,044.5	7,081.7	7,081.0	29.2	6.3	81.14	-656.1	1,359.8	591.5	569.7	21.80	27.130	
7,220.0	7,063.9	7,100.0	7,099.3	29.3	6.3	81.59	-655.6	1,359.5	590.1	568.3	21.79	27.079	
7,300.0	7,141.5	7,170.9	7,170.2	29.7	6.3	83.33	-654.2	1,358.5	585.8	564.0	21.79	26.886	
7,315.0	7,156.1	7,184.2	7,183.5	29.8	6.3	83.66	-654.0	1,358.4	585.1	563.3	21.79	26.852	
7,400.0	7,238.6	7,259.7	7,259.0	30.2	6.4	85.49	-653.4	1,357.8	582.4	560.6	21.86	26.649	
7,410.0	7,248.3	7,268.6	7,267.9	30.2	6.4	85.71	-653.4	1,357.8	582.2	560.4	21.87	26.626	
7,500.0	7,335.6	7,350.5	7,349.7	30.7	6.4	87.69	-653.9	1,357.4	581.5	559.5	21.99	26.442	
7,505.0	7,340.5	7,355.6	7,354.8	30.7	6.4	87.81	-654.0	1,357.4	581.5	559.5	22.00	26.434	
7,519.6	7,354.6	7,370.4	7,369.6	30.8	6.4	88.17	-654.1	1,357.3	581.5	559.5	22.02	26.409	CC, ES
7,600.0	7,432.6	7,435.0	7,434.3	31.1	6.4	89.71	-654.9	1,357.3	582.3	560.1	22.17	26.270	
7,602.3	7,434.9	7,435.0	7,434.3	31.2	6.4	89.71	-654.9	1,357.3	582.4	560.2	22.17	26.267	
7,695.0	7,525.2	7,488.7	7,487.9	31.6	6.5	90.96	-657.7	1,357.8	588.0	565.5	22.47	26.164	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,700.0	7,530.1	7,499.0	7,498.1	31.6	6.5	91.16	-658.9	1,358.0	588.6	566.1	22.51	26.145 SF	
7,790.0	7,618.3	7,531.0	7,529.7	32.1	6.6	91.93	-663.8	1,358.4	602.0	579.1	22.95	26.235	
7,800.0	7,628.2	7,531.0	7,529.7	32.1	6.6	91.97	-663.8	1,358.4	604.0	581.0	22.98	26.276	
7,885.0	7,712.1	7,569.4	7,567.1	32.5	6.8	92.86	-672.7	1,358.7	624.3	600.9	23.43	26.645	
7,900.0	7,726.9	7,577.3	7,574.7	32.6	6.8	93.03	-674.9	1,358.7	628.5	605.0	23.50	26.744	
7,980.0	7,806.3	7,626.0	7,621.0	32.9	6.9	94.03	-689.6	1,357.6	653.2	629.4	23.82	27.424	
8,000.0	7,826.2	7,626.0	7,621.0	33.0	6.9	94.17	-689.6	1,357.6	659.9	636.0	23.90	27.607	
8,075.0	7,900.9	7,658.0	7,651.0	33.3	6.9	95.07	-700.7	1,355.7	687.5	663.3	24.19	28.420	
8,100.0	7,925.8	7,675.6	7,667.2	33.4	7.0	95.42	-707.3	1,354.4	697.4	673.1	24.29	28.709	
8,170.0	7,995.7	7,703.1	7,692.2	33.6	7.1	96.23	-718.7	1,352.4	727.3	702.7	24.58	29.584	
8,200.0	8,025.6	7,722.0	7,709.0	33.7	7.1	96.60	-727.3	1,351.0	741.1	716.4	24.72	29.987	
8,265.0	8,090.6	7,735.9	7,721.1	33.9	7.2	97.32	-734.1	1,349.9	772.6	747.6	25.01	30.894	
8,302.4	8,128.0	7,754.0	7,736.5	33.9	7.3	-169.21	-743.3	1,348.4	792.0	766.8	25.19	31.441	
8,360.0	8,185.6	7,764.9	7,745.6	33.9	7.3	-169.23	-749.2	1,347.5	823.1	797.7	25.44	32.355	
8,400.0	8,225.6	7,786.0	7,762.8	33.9	7.5	-169.28	-761.3	1,345.8	846.1	820.4	25.63	33.012	
8,455.0	8,280.6	7,786.0	7,762.8	34.0	7.5	-169.28	-761.3	1,345.8	878.6	852.7	25.86	33.971	
8,500.0	8,325.6	7,808.3	7,780.5	34.0	7.5	-169.35	-774.9	1,344.1	906.2	880.1	26.05	34.787	
8,550.0	8,375.6	7,826.9	7,794.9	34.0	7.6	-169.42	-786.6	1,342.8	937.8	911.5	26.24	35.732	
8,600.0	8,425.6	7,850.0	7,812.5	34.0	7.6	-169.50	-801.5	1,341.1	970.1	943.7	26.42	36.724	
8,645.0	8,470.6	7,864.2	7,823.1	34.0	7.7	-169.56	-810.8	1,340.1	999.9	973.3	26.58	37.613	
8,700.0	8,525.6	7,882.0	7,836.2	34.0	7.7	-169.64	-822.8	1,339.0	1,037.0	1,010.2	26.79	38.715	
8,740.0	8,565.6	7,895.1	7,845.7	34.0	7.7	-169.70	-831.8	1,338.2	1,064.5	1,037.6	26.94	39.515	
8,800.0	8,625.6	7,914.0	7,859.1	34.0	7.8	-169.81	-845.1	1,337.3	1,106.7	1,079.6	27.17	40.729	
8,835.0	8,660.6	7,914.0	7,859.1	34.0	7.8	-169.81	-845.1	1,337.3	1,131.9	1,104.5	27.32	41.422	
8,900.0	8,725.6	7,944.0	7,879.5	34.0	7.9	-170.01	-867.1	1,336.1	1,179.3	1,151.7	27.57	42.767	
8,930.0	8,755.6	7,944.0	7,879.5	34.1	7.9	-170.01	-867.1	1,336.1	1,201.5	1,173.8	27.70	43.369	
9,000.0	8,825.6	7,960.9	7,890.6	34.1	7.9	-170.13	-879.9	1,335.6	1,254.2	1,226.2	27.99	44.815	
9,025.0	8,850.6	7,975.0	7,899.5	34.1	7.9	-170.23	-890.7	1,335.3	1,273.4	1,245.3	28.08	45.348	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 UNIT #423H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 188-MWD

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,250.0	10,074.9	15,385.0	10,481.8	34.3	91.3	115.93	-544.1	2,616.1	1,307.2	1,194.3	112.95	11.574	
10,260.0	10,084.6	15,385.0	10,481.8	34.3	91.3	116.15	-544.1	2,616.1	1,304.9	1,191.7	113.15	11.532	
10,300.0	10,123.4	15,385.0	10,481.8	34.3	91.3	116.88	-544.1	2,616.1	1,296.9	1,183.0	113.89	11.387	
10,350.0	10,170.6	15,385.0	10,481.8	34.3	91.3	117.47	-544.1	2,616.1	1,290.3	1,175.7	114.63	11.256	
10,355.0	10,175.3	15,385.0	10,481.8	34.3	91.3	117.51	-544.1	2,616.1	1,289.9	1,175.2	114.69	11.246	
10,400.0	10,216.3	15,385.0	10,481.8	34.4	91.3	117.71	-544.1	2,616.1	1,287.7	1,172.5	115.14	11.183	
10,408.3	10,223.7	15,385.0	10,481.8	34.4	91.3	117.71	-544.1	2,616.1	1,287.6	1,172.4	115.20	11.177	CC, ES
10,450.0	10,260.1	15,385.0	10,481.8	34.4	91.3	117.59	-544.1	2,616.1	1,289.0	1,173.6	115.41	11.169	SF
10,500.0	10,301.5	15,385.0	10,481.8	34.4	91.3	117.12	-544.1	2,616.1	1,294.3	1,178.8	115.43	11.212	
10,545.0	10,336.6	15,385.0	10,481.8	34.4	91.3	116.39	-544.1	2,616.1	1,302.3	1,187.0	115.25	11.300	
10,550.0	10,340.4	15,385.0	10,481.8	34.4	91.3	116.29	-544.1	2,616.1	1,303.4	1,188.2	115.22	11.312	
10,600.0	10,376.4	15,385.0	10,481.8	34.4	91.3	115.09	-544.1	2,616.1	1,316.2	1,201.4	114.78	11.468	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-MWD+IFR1+FDIR

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,695.0	7,525.2	7,612.3	7,590.8	31.5	22.5	8.69	-333.5	2,689.2	1,305.9	1,257.8	48.18	27.108	
7,700.0	7,530.1	7,619.2	7,597.6	31.5	22.5	8.71	-333.8	2,688.8	1,304.6	1,256.4	48.20	27.067	
7,790.0	7,618.3	7,791.3	7,768.6	31.9	23.2	9.34	-340.4	2,670.8	1,278.5	1,230.0	48.57	26.325	
7,800.0	7,628.2	7,796.9	7,774.1	32.0	23.3	9.36	-340.7	2,670.0	1,275.6	1,227.0	48.65	26.219	
7,885.0	7,712.1	7,857.0	7,833.7	32.4	23.5	9.57	-343.9	2,663.1	1,253.6	1,204.3	49.31	25.421	
7,900.0	7,726.9	7,857.0	7,833.7	32.4	23.5	9.56	-343.9	2,663.1	1,250.1	1,200.6	49.47	25.268	
7,980.0	7,806.3	7,901.2	7,877.7	32.8	23.7	9.73	-347.1	2,659.1	1,234.3	1,184.2	50.09	24.644	
8,000.0	7,826.2	7,913.3	7,889.7	32.9	23.7	9.79	-348.1	2,658.2	1,231.0	1,180.8	50.23	24.507	
8,075.0	7,900.9	7,975.5	7,951.4	33.2	24.0	10.11	-353.9	2,654.1	1,220.9	1,170.2	50.66	24.097	
8,100.0	7,925.8	8,016.6	7,992.3	33.3	24.1	10.32	-357.4	2,651.1	1,217.7	1,167.0	50.71	24.015	
8,170.0	7,995.7	8,118.4	8,093.5	33.5	24.5	10.74	-363.8	2,642.0	1,208.6	1,157.7	50.91	23.743	
8,200.0	8,025.6	8,139.0	8,113.9	33.6	24.6	10.79	-364.7	2,639.9	1,204.9	1,153.8	51.11	23.575	
8,265.0	8,090.6	8,196.8	8,171.4	33.7	24.8	10.94	-366.8	2,634.7	1,198.1	1,146.8	51.39	23.314	
8,302.4	8,128.0	8,235.0	8,209.5	33.8	24.9	104.06	-367.9	2,631.8	1,195.5	1,143.9	51.54	23.195	
8,360.0	8,185.6	8,301.4	8,275.6	33.8	25.2	104.23	-370.4	2,626.5	1,191.5	1,139.9	51.65	23.070	
8,400.0	8,225.6	8,350.9	8,324.8	33.8	25.4	104.41	-372.9	2,621.5	1,188.1	1,136.4	51.69	22.984	
8,455.0	8,280.6	8,403.9	8,377.5	33.8	25.6	104.61	-375.7	2,616.0	1,183.4	1,131.5	51.82	22.838	
8,500.0	8,325.6	8,444.4	8,417.7	33.8	25.8	104.75	-377.7	2,612.0	1,179.6	1,127.6	51.93	22.716	
8,550.0	8,375.6	8,486.4	8,459.5	33.8	25.9	104.91	-379.9	2,608.0	1,175.6	1,123.6	52.06	22.582	
8,600.0	8,425.6	8,530.3	8,503.1	33.9	26.1	105.07	-382.3	2,604.1	1,172.0	1,119.9	52.18	22.460	
8,645.0	8,470.6	8,576.3	8,548.9	33.9	26.3	105.25	-385.0	2,600.0	1,168.9	1,116.6	52.25	22.369	
8,700.0	8,525.6	8,630.5	8,602.7	33.9	26.5	105.47	-388.3	2,595.1	1,165.0	1,112.6	52.34	22.255	
8,740.0	8,565.6	8,666.6	8,638.7	33.9	26.6	105.61	-390.3	2,592.0	1,162.2	1,109.8	52.43	22.168	
8,800.0	8,625.6	8,721.0	8,692.8	33.9	26.8	105.80	-393.1	2,587.6	1,158.4	1,105.8	52.56	22.040	
8,835.0	8,660.6	8,753.1	8,724.8	33.9	27.0	105.90	-394.6	2,585.2	1,156.2	1,103.6	52.63	21.969	
8,900.0	8,725.6	8,823.4	8,794.8	33.9	27.2	106.12	-397.6	2,580.1	1,152.5	1,099.8	52.70	21.870	
8,930.0	8,755.6	8,949.2	8,919.6	33.9	27.3	105.96	-391.1	2,568.5	1,149.6	1,097.5	52.14	22.048	
9,000.0	8,825.6	9,810.4	9,520.7	33.9	27.8	80.07	70.9	2,328.1	1,113.3	1,065.4	47.88	23.251	
9,025.0	8,850.6	9,792.2	9,516.9	33.9	27.8	81.23	54.1	2,333.9	1,097.7	1,049.3	48.36	22.699	
9,100.0	8,925.6	9,841.4	9,526.0	34.0	27.9	78.07	99.9	2,318.5	1,053.0	1,003.3	49.76	21.162	
9,120.0	8,945.6	9,846.7	9,526.8	34.0	27.9	77.72	104.9	2,316.8	1,041.7	991.5	50.15	20.772	
9,200.0	9,025.6	9,859.1	9,528.5	34.0	27.9	76.90	116.6	2,313.1	998.8	947.1	51.72	19.312	
9,215.0	9,040.6	9,860.9	9,528.8	34.0	27.9	76.79	118.3	2,312.5	991.3	939.2	52.01	19.058	
9,300.0	9,125.6	9,870.9	9,530.2	34.0	27.9	76.13	127.7	2,309.5	951.8	898.1	53.68	17.733	
9,310.0	9,135.6	9,872.0	9,530.3	34.0	27.9	76.05	128.8	2,309.2	947.6	893.7	53.87	17.591	
9,400.0	9,225.6	9,882.2	9,531.7	34.0	27.9	75.39	138.3	2,306.2	913.2	857.7	55.54	16.444	
9,405.0	9,230.6	9,882.7	9,531.8	34.0	27.9	75.35	138.8	2,306.0	911.5	855.9	55.62	16.388	
9,500.0	9,325.6	9,892.9	9,533.1	34.1	28.0	74.68	148.5	2,303.0	884.2	827.0	57.18	15.463	
9,595.0	9,420.6	9,904.0	9,534.5	34.1	28.0	73.95	159.0	2,299.8	866.2	807.8	58.43	14.825	
9,600.0	9,425.6	9,904.7	9,534.6	34.1	28.0	73.90	159.7	2,299.5	865.6	807.1	58.48	14.800	
9,690.0	9,515.6	9,917.8	9,536.3	34.1	28.0	73.03	172.1	2,295.7	858.3	799.0	59.28	14.479	
9,700.0	9,525.6	9,919.2	9,536.5	34.1	28.0	72.94	173.4	2,295.3	858.1	798.7	59.34	14.459	
9,715.7	9,541.3	9,921.5	9,536.8	34.1	28.0	72.79	175.6	2,294.6	857.9	798.5	59.43	14.435	CC, ES
9,785.0	9,610.6	9,931.5	9,538.1	34.1	28.0	72.12	185.1	2,291.7	860.7	801.0	59.68	14.421	
9,800.0	9,625.6	9,933.7	9,538.3	34.1	28.0	71.98	187.1	2,291.1	862.0	802.3	59.70	14.438	
9,880.0	9,705.6	9,945.2	9,539.8	34.1	28.0	71.22	198.0	2,287.6	873.3	813.6	59.64	14.643	
9,900.0	9,725.6	9,948.0	9,540.2	34.1	28.0	71.03	200.7	2,286.8	877.2	817.6	59.57	14.724	
9,975.0	9,800.6	9,947.0	9,540.1	34.2	28.0	71.10	199.7	2,287.1	895.7	836.5	59.20	15.128	
10,000.0	9,825.6	9,947.0	9,540.1	34.2	28.0	71.10	199.7	2,287.1	903.1	844.1	59.03	15.298	
10,070.0	9,895.6	9,947.0	9,540.1	34.2	28.0	71.10	199.7	2,287.1	927.3	868.8	58.46	15.861	
10,100.0	9,925.6	9,947.0	9,540.1	34.2	28.0	71.10	199.7	2,287.1	939.1	880.9	58.18	16.141	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-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
10,135.4	9,961.0	9,947.0	9,540.1	34.2	28.0	71.10	199.7	2,287.1	954.0	895.9	58.04	16.436	
10,150.0	9,975.6	9,947.0	9,540.1	34.2	28.0	70.55	199.7	2,287.1	960.4	902.5	57.89	16.589	
10,165.0	9,990.6	9,947.0	9,540.1	34.2	28.0	69.85	199.7	2,287.1	967.0	909.3	57.74	16.749	
10,200.0	10,025.5	9,947.0	9,540.1	34.2	28.0	68.20	199.7	2,287.1	982.8	925.5	57.37	17.133	
10,250.0	10,074.9	9,947.0	9,540.1	34.2	28.0	65.82	199.7	2,287.1	1,005.8	949.0	56.82	17.702	
10,260.0	10,084.6	9,947.0	9,540.1	34.2	28.0	65.34	199.7	2,287.1	1,010.5	953.8	56.71	17.819	
10,300.0	10,123.4	9,947.0	9,540.1	34.2	28.0	63.43	199.7	2,287.1	1,029.2	972.9	56.26	18.292	
10,350.0	10,170.6	9,977.3	9,543.4	34.2	28.1	59.45	228.7	2,278.9	1,051.4	995.6	55.73	18.864	
10,355.0	10,175.3	9,978.0	9,543.5	34.2	28.1	59.19	229.3	2,278.7	1,053.7	998.0	55.68	18.923	
10,400.0	10,216.3	9,984.7	9,544.1	34.2	28.1	56.89	235.9	2,277.1	1,074.1	1,018.9	55.21	19.457	
10,450.0	10,260.1	9,993.2	9,544.8	34.2	28.1	54.43	244.1	2,275.2	1,096.5	1,041.8	54.70	20.045	
10,500.0	10,301.5	10,025.0	9,546.7	34.2	28.2	51.21	275.2	2,269.0	1,118.9	1,064.6	54.26	20.622	
10,545.0	10,336.6	10,025.0	9,546.7	34.2	28.2	49.67	275.2	2,269.0	1,137.1	1,083.3	53.84	21.119	
10,550.0	10,340.4	10,025.0	9,546.7	34.2	28.2	49.51	275.2	2,269.0	1,139.1	1,085.3	53.80	21.173	
10,600.0	10,376.4	10,025.0	9,546.7	34.3	28.2	47.91	275.2	2,269.0	1,158.6	1,105.3	53.36	21.713	
10,640.0	10,402.9	10,046.6	9,547.6	34.3	28.2	46.11	296.5	2,265.5	1,173.4	1,120.3	53.10	22.100	
10,650.0	10,409.2	10,053.3	9,547.9	34.3	28.2	45.66	303.1	2,264.4	1,176.9	1,123.9	53.04	22.190	
10,700.0	10,438.6	10,088.2	9,549.5	34.3	28.3	43.59	337.6	2,259.0	1,193.0	1,140.3	52.78	22.605	
10,735.0	10,457.0	10,120.0	9,551.1	34.3	28.4	42.21	369.0	2,254.5	1,202.9	1,150.3	52.65	22.849	
10,750.0	10,464.4	10,120.0	9,551.1	34.3	28.4	41.95	369.0	2,254.5	1,206.8	1,154.2	52.56	22.962	
10,800.0	10,486.3	10,155.7	9,552.5	34.3	28.4	40.54	404.4	2,249.5	1,218.1	1,165.7	52.40	23.247	
10,830.0	10,497.6	10,175.0	9,553.1	34.3	28.5	39.88	423.4	2,246.9	1,223.7	1,171.4	52.31	23.391	
10,850.0	10,504.3	10,187.9	9,553.4	34.4	28.5	39.48	436.3	2,245.2	1,226.9	1,174.6	52.27	23.474	
10,900.0	10,518.1	10,222.8	9,553.8	34.4	28.6	38.65	470.8	2,240.4	1,233.1	1,180.9	52.18	23.631	
10,925.0	10,523.4	10,245.4	9,553.9	34.4	28.6	38.28	493.2	2,237.4	1,235.2	1,183.0	52.18	23.671	
10,950.0	10,527.6	10,268.1	9,554.0	34.4	28.6	37.98	515.7	2,234.3	1,236.4	1,184.2	52.19	23.692	
11,000.0	10,532.9	10,311.0	9,553.9	34.5	28.7	37.64	558.2	2,228.4	1,236.4	1,184.2	52.22	23.677	
11,020.0	10,533.8	10,328.4	9,553.8	34.5	28.8	37.58	575.4	2,226.0	1,235.5	1,183.3	52.24	23.650	
11,033.2	10,534.0	10,338.4	9,553.8	34.5	28.8	37.58	585.3	2,224.7	1,234.7	1,182.4	52.26	23.627	
11,100.0	10,534.3	10,388.7	9,553.3	34.6	28.9	37.33	635.2	2,218.4	1,230.4	1,178.1	52.33	23.511	
11,115.0	10,534.3	10,406.0	9,553.0	34.6	29.0	37.25	652.4	2,216.4	1,229.6	1,177.2	52.38	23.474	
11,200.0	10,534.6	10,459.6	9,552.2	34.7	29.1	37.03	705.8	2,211.1	1,225.8	1,173.4	52.47	23.361	
11,210.0	10,534.7	10,466.6	9,552.1	34.7	29.1	37.00	712.7	2,210.6	1,225.5	1,173.0	52.49	23.347	
11,300.0	10,535.0	10,529.4	9,551.1	34.8	29.3	36.83	775.3	2,206.7	1,223.7	1,171.1	52.66	23.237	
11,305.0	10,535.0	10,532.8	9,551.0	34.8	29.3	36.82	778.8	2,206.5	1,223.7	1,171.0	52.67	23.231	
11,335.1	10,535.2	10,553.8	9,550.7	34.9	29.3	36.78	799.8	2,205.7	1,223.6	1,170.8	52.74	23.198	
11,400.0	10,535.4	10,600.8	9,549.9	35.0	29.4	36.73	846.7	2,204.9	1,224.1	1,171.2	52.92	23.133	
11,495.0	10,535.8	10,698.9	9,548.0	35.2	29.7	36.64	944.8	2,204.1	1,225.4	1,172.0	53.41	22.943	
11,500.0	10,535.8	10,705.6	9,547.9	35.2	29.7	36.63	951.5	2,204.0	1,225.5	1,172.0	53.45	22.928	
11,590.0	10,536.1	10,824.5	9,548.7	35.3	30.0	36.65	1,070.4	2,203.9	1,225.3	1,171.2	54.18	22.618	
11,600.0	10,536.2	10,837.4	9,548.9	35.3	30.0	36.65	1,083.3	2,203.8	1,225.2	1,171.0	54.26	22.582	
11,685.0	10,536.5	10,932.9	9,550.9	35.5	30.3	36.65	1,178.8	2,202.4	1,223.4	1,168.5	54.85	22.303	
11,700.0	10,536.6	10,948.1	9,551.3	35.6	30.4	36.65	1,194.0	2,202.1	1,223.0	1,168.0	54.95	22.258	
11,780.0	10,536.9	11,024.8	9,552.7	35.7	30.6	36.62	1,270.7	2,200.4	1,221.1	1,165.7	55.44	22.026	
11,800.0	10,537.0	11,043.4	9,552.9	35.8	30.7	36.61	1,289.3	2,199.9	1,220.7	1,165.2	55.56	21.971	
11,875.0	10,537.2	11,111.6	9,553.3	35.9	30.9	36.55	1,357.4	2,198.0	1,219.4	1,163.4	56.01	21.770	
11,900.0	10,537.3	11,134.0	9,553.4	36.0	31.0	36.53	1,379.8	2,197.5	1,219.1	1,162.9	56.16	21.705	
11,970.0	10,537.6	11,227.0	9,554.2	36.2	31.3	36.46	1,472.8	2,195.0	1,217.9	1,161.1	56.81	21.437	
12,000.0	10,537.7	11,278.6	9,554.8	36.3	31.5	36.36	1,524.3	2,191.9	1,216.7	1,159.6	57.15	21.291	
12,065.0	10,538.0	11,300.7	9,554.9	36.4	31.6	36.34	1,546.3	2,191.5	1,215.1	1,157.8	57.35	21.189	
12,100.0	10,538.1	11,319.8	9,555.0	36.5	31.6	36.34	1,565.4	2,191.2	1,214.9	1,157.4	57.50	21.129	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-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
12,101.8	10,538.1	11,320.8	9,555.0	36.5	31.6	36.34	1,566.4	2,191.2	1,214.9	1,157.3	57.50	21.126	
12,160.0	10,538.3	11,354.0	9,555.1	36.7	31.8	36.36	1,599.7	2,191.7	1,215.5	1,157.7	57.77	21.039	
12,200.0	10,538.5	11,384.3	9,555.0	36.8	31.9	36.39	1,629.9	2,192.7	1,216.5	1,158.5	58.02	20.967	
12,255.0	10,538.7	11,428.9	9,554.8	36.9	32.0	36.46	1,674.5	2,194.6	1,218.3	1,159.9	58.40	20.862	
12,300.0	10,538.9	11,466.3	9,554.5	37.1	32.2	36.52	1,711.9	2,196.5	1,220.1	1,161.4	58.72	20.779	
12,350.0	10,539.1	11,509.1	9,554.0	37.2	32.3	36.59	1,754.6	2,198.8	1,222.4	1,163.3	59.10	20.685	
12,400.0	10,539.3	11,553.4	9,553.3	37.4	32.5	36.66	1,798.8	2,201.3	1,225.0	1,165.5	59.49	20.592	
12,445.0	10,539.4	11,598.5	9,552.3	37.5	32.7	36.72	1,843.9	2,203.7	1,227.4	1,167.5	59.90	20.492	
12,500.0	10,539.6	11,651.6	9,550.8	37.7	32.9	36.77	1,896.8	2,206.0	1,230.4	1,170.0	60.38	20.379	
12,540.0	10,539.8	11,686.5	9,549.7	37.8	33.0	36.80	1,931.7	2,207.6	1,232.7	1,172.0	60.70	20.309	
12,600.0	10,540.0	11,835.4	9,549.0	38.0	33.6	37.02	2,080.4	2,214.1	1,235.8	1,173.7	62.03	19.922	
12,635.0	10,540.2	11,871.8	9,550.7	38.1	33.8	37.11	2,116.8	2,215.4	1,235.3	1,172.9	62.39	19.798	
12,700.0	10,540.4	11,939.8	9,554.6	38.4	34.1	37.33	2,184.6	2,218.4	1,234.3	1,171.2	63.08	19.568	
12,730.0	10,540.5	11,971.7	9,556.6	38.5	34.2	37.44	2,216.3	2,219.8	1,233.8	1,170.4	63.41	19.458	
12,800.0	10,540.8	12,048.7	9,561.8	38.7	34.6	37.72	2,293.1	2,223.6	1,232.4	1,168.2	64.21	19.195	
12,825.0	10,540.9	12,077.6	9,563.9	38.8	34.7	37.83	2,321.9	2,224.9	1,231.8	1,167.3	64.50	19.097	
12,900.0	10,541.2	12,148.0	9,569.0	39.1	35.0	38.08	2,392.1	2,227.8	1,229.8	1,164.5	65.27	18.841	
12,920.0	10,541.3	12,164.1	9,569.9	39.2	35.1	38.13	2,408.1	2,228.4	1,229.4	1,163.9	65.46	18.781	
13,000.0	10,541.6	12,229.4	9,573.0	39.5	35.4	38.29	2,473.3	2,230.5	1,228.4	1,162.2	66.20	18.556	
13,015.0	10,541.6	12,242.0	9,573.5	39.5	35.5	38.32	2,485.9	2,230.9	1,228.3	1,161.9	66.34	18.515	
13,054.3	10,541.8	12,275.1	9,574.7	39.7	35.7	38.39	2,518.9	2,232.0	1,228.2	1,161.5	66.71	18.410	
13,100.0	10,542.0	12,315.0	9,575.9	39.8	35.9	38.48	2,558.8	2,233.4	1,228.3	1,161.2	67.16	18.290	
13,110.0	10,542.0	12,324.4	9,576.2	39.9	35.9	38.50	2,568.2	2,233.8	1,228.4	1,161.1	67.26	18.262	
13,200.0	10,542.3	12,408.1	9,578.7	40.2	36.3	38.70	2,651.8	2,237.3	1,229.0	1,160.8	68.20	18.021	
13,205.0	10,542.4	12,412.2	9,578.8	40.3	36.4	38.71	2,655.9	2,237.5	1,229.1	1,160.8	68.25	18.009	
13,300.0	10,542.7	12,492.0	9,578.5	40.7	36.8	38.75	2,735.7	2,238.9	1,230.8	1,161.6	69.14	17.801	
13,395.0	10,543.1	12,572.8	9,575.2	41.0	37.2	38.62	2,816.4	2,238.1	1,233.6	1,163.6	70.02	17.618	
13,400.0	10,543.1	12,577.1	9,575.0	41.1	37.2	38.62	2,820.7	2,238.1	1,233.8	1,163.7	70.07	17.609	
13,490.0	10,543.5	12,663.8	9,570.1	41.5	37.7	38.41	2,907.2	2,236.4	1,237.2	1,166.2	70.98	17.429	
13,500.0	10,543.5	12,673.6	9,569.5	41.5	37.8	38.39	2,917.0	2,236.2	1,237.6	1,166.5	71.08	17.410	
13,585.0	10,543.8	12,792.2	9,565.2	41.9	38.5	38.20	3,035.5	2,234.6	1,239.6	1,167.3	72.29	17.148	
13,600.0	10,543.9	12,806.9	9,565.0	41.9	38.6	38.19	3,050.2	2,234.5	1,239.8	1,167.3	72.45	17.112	
13,680.0	10,544.2	12,961.5	9,564.4	42.3	39.5	38.05	3,204.7	2,231.3	1,240.3	1,166.5	73.84	16.798	
13,700.0	10,544.3	12,945.4	9,564.4	42.4	39.4	38.07	3,188.6	2,231.7	1,239.3	1,165.4	73.85	16.781	
13,775.0	10,544.6	13,058.7	9,567.3	42.7	40.1	37.95	3,301.8	2,226.3	1,235.5	1,160.5	74.92	16.490	
13,800.0	10,544.6	13,084.2	9,568.1	42.8	40.2	37.92	3,327.2	2,225.0	1,234.2	1,159.0	75.21	16.410	
13,870.0	10,544.9	13,155.7	9,570.3	43.2	40.7	37.85	3,398.5	2,221.3	1,230.6	1,154.6	76.02	16.187	
13,900.0	10,545.0	13,184.1	9,571.1	43.3	40.9	37.82	3,426.9	2,219.9	1,229.1	1,152.7	76.36	16.095	
13,965.0	10,545.3	13,245.6	9,573.0	43.6	41.3	37.76	3,488.3	2,216.9	1,225.9	1,148.8	77.10	15.899	
14,000.0	10,545.4	13,270.2	9,573.7	43.8	41.4	37.74	3,512.9	2,215.8	1,224.3	1,146.9	77.46	15.807	
14,060.0	10,545.7	13,308.9	9,574.2	44.1	41.7	37.70	3,551.6	2,214.3	1,222.5	1,144.4	78.04	15.665	
14,100.0	10,545.8	13,347.0	9,574.1	44.2	41.9	37.65	3,589.6	2,213.0	1,221.9	1,143.4	78.49	15.567	
14,155.0	10,546.0	13,381.0	9,573.7	44.5	42.1	37.60	3,623.6	2,212.0	1,221.5	1,142.5	79.01	15.461	
14,200.0	10,546.2	13,423.6	9,573.2	44.7	42.4	37.54	3,666.2	2,210.9	1,221.4	1,141.9	79.52	15.360	
14,226.1	10,546.3	13,447.9	9,572.9	44.9	42.6	37.51	3,690.5	2,210.3	1,221.4	1,141.6	79.82	15.302	
14,250.0	10,546.4	13,469.2	9,572.6	45.0	42.7	37.48	3,711.8	2,209.8	1,221.4	1,141.3	80.09	15.251	
14,300.0	10,546.6	13,513.9	9,571.8	45.2	43.0	37.42	3,756.4	2,208.8	1,221.7	1,141.0	80.65	15.148	
14,345.0	10,546.7	13,556.7	9,570.9	45.5	43.3	37.36	3,799.3	2,207.8	1,222.0	1,140.9	81.18	15.054	
14,400.0	10,547.0	13,613.7	9,569.7	45.7	43.7	37.28	3,856.2	2,206.6	1,222.5	1,140.6	81.86	14.934	
14,440.0	10,547.1	13,654.4	9,568.9	45.9	43.9	37.22	3,896.9	2,205.7	1,222.7	1,140.4	82.35	14.848	
14,500.0	10,547.3	13,714.6	9,567.6	46.2	44.3	37.12	3,957.1	2,204.2	1,223.1	1,140.0	83.08	14.721	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-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
14,535.0	10,547.5	13,749.9	9,566.8	46.4	44.6	37.06	3,992.3	2,203.2	1,223.3	1,139.8	83.51	14.648	
14,600.0	10,547.7	13,815.4	9,565.4	46.7	45.0	36.96	4,057.8	2,201.5	1,223.7	1,139.4	84.32	14.512	
14,630.0	10,547.8	13,851.2	9,564.8	46.9	45.3	36.91	4,093.6	2,200.6	1,223.8	1,139.0	84.73	14.443	
14,700.0	10,548.1	13,935.9	9,564.3	47.3	45.8	36.81	4,178.3	2,198.5	1,223.4	1,137.7	85.71	14.274	
14,725.0	10,548.2	13,964.5	9,564.3	47.4	46.0	36.78	4,206.8	2,197.7	1,223.1	1,137.0	86.05	14.214	
14,800.0	10,548.5	14,042.2	9,565.0	47.8	46.6	36.73	4,284.5	2,195.8	1,221.8	1,134.8	87.02	14.041	
14,820.0	10,548.6	14,060.4	9,565.2	47.9	46.7	36.72	4,302.7	2,195.5	1,221.5	1,134.2	87.26	13.998	
14,900.0	10,548.9	14,138.2	9,566.4	48.3	47.2	36.73	4,380.5	2,194.9	1,220.5	1,132.2	88.28	13.824	
14,915.0	10,548.9	14,154.5	9,566.8	48.4	47.4	36.74	4,396.8	2,194.9	1,220.3	1,131.8	88.49	13.790	
15,000.0	10,549.3	14,272.4	9,571.0	48.9	48.2	36.86	4,514.6	2,195.0	1,218.4	1,128.6	89.81	13.567	
15,010.0	10,549.3	14,289.4	9,571.9	48.9	48.3	36.88	4,531.6	2,194.8	1,217.9	1,128.0	89.97	13.537	
15,100.0	10,549.7	14,384.0	9,577.1	49.4	49.0	36.97	4,626.0	2,193.3	1,213.4	1,122.3	91.19	13.307	
15,105.0	10,549.7	14,389.1	9,577.4	49.4	49.0	36.97	4,631.1	2,193.2	1,213.2	1,121.9	91.26	13.294	
15,200.0	10,550.0	14,483.7	9,582.9	50.0	49.7	37.07	4,725.6	2,191.7	1,208.4	1,115.8	92.53	13.059	
15,295.0	10,550.4	14,597.0	9,590.7	50.5	50.5	37.22	4,838.5	2,189.7	1,202.4	1,108.6	93.89	12.807	
15,300.0	10,550.4	14,600.4	9,591.0	50.5	50.5	37.22	4,841.9	2,189.7	1,202.1	1,108.2	93.95	12.796	
15,390.0	10,550.8	14,676.0	9,595.2	51.0	51.0	37.30	4,917.4	2,188.4	1,197.5	1,102.4	95.11	12.590	
15,400.0	10,550.8	14,676.0	9,595.2	51.1	51.0	37.30	4,917.4	2,188.4	1,197.0	1,101.8	95.20	12.573	
15,485.0	10,551.1	14,739.4	9,597.2	51.6	51.5	37.31	4,980.8	2,187.4	1,194.3	1,098.1	96.24	12.409	
15,500.0	10,551.2	14,752.2	9,597.5	51.7	51.6	37.31	4,993.6	2,187.1	1,193.9	1,097.5	96.43	12.381	
15,580.0	10,551.5	14,808.4	9,598.2	52.1	52.0	37.29	5,049.8	2,186.1	1,192.7	1,095.3	97.36	12.250	
15,595.0	10,551.6	14,818.1	9,598.1	52.2	52.1	37.28	5,059.4	2,185.9	1,192.6	1,095.1	97.52	12.229	
15,600.0	10,551.6	14,821.3	9,598.1	52.2	52.1	37.28	5,062.7	2,185.8	1,192.6	1,095.0	97.57	12.223	
15,675.0	10,551.9	14,871.4	9,597.0	52.7	52.5	37.21	5,112.7	2,185.0	1,193.6	1,095.2	98.38	12.132	
15,700.0	10,552.0	14,894.7	9,596.2	52.8	52.6	37.18	5,136.0	2,184.7	1,194.1	1,095.4	98.70	12.099	
15,770.0	10,552.2	14,961.0	9,594.0	53.2	53.1	37.09	5,202.3	2,184.2	1,196.0	1,096.3	99.60	12.007	
15,800.0	10,552.3	14,996.1	9,592.9	53.4	53.4	37.05	5,237.4	2,183.9	1,196.7	1,096.7	100.05	11.961	
15,865.0	10,552.6	15,070.6	9,590.9	53.8	53.9	36.95	5,311.8	2,182.8	1,197.8	1,096.8	101.00	11.860	
15,900.0	10,552.7	15,102.5	9,590.0	54.0	54.2	36.90	5,343.7	2,182.3	1,198.4	1,096.9	101.45	11.813	
15,960.0	10,553.0	15,156.7	9,588.2	54.3	54.6	36.81	5,397.8	2,181.3	1,199.6	1,097.4	102.21	11.737	
16,000.0	10,553.1	15,190.4	9,586.9	54.6	54.8	36.75	5,431.6	2,180.7	1,200.6	1,097.9	102.69	11.691	
16,055.0	10,553.3	15,238.2	9,584.8	54.9	55.2	36.66	5,479.3	2,180.0	1,202.2	1,098.9	103.37	11.631	
16,100.0	10,553.5	15,277.5	9,583.0	55.2	55.5	36.59	5,518.6	2,179.5	1,203.9	1,099.9	103.92	11.584	
16,150.0	10,553.7	15,326.1	9,580.5	55.5	55.9	36.50	5,567.1	2,179.0	1,205.8	1,101.2	104.59	11.529	
16,200.0	10,553.9	15,377.3	9,577.5	55.8	56.3	36.38	5,618.2	2,178.1	1,207.8	1,102.5	105.27	11.473	
16,245.0	10,554.1	15,444.8	9,574.6	56.0	56.8	36.25	5,685.6	2,176.9	1,209.1	1,103.0	106.07	11.399	
16,300.0	10,554.3	15,520.4	9,573.7	56.4	57.3	36.21	5,761.2	2,176.5	1,209.7	1,102.7	106.99	11.306	
16,340.0	10,554.4	15,573.8	9,574.9	56.6	57.7	36.27	5,814.6	2,177.4	1,209.6	1,101.9	107.65	11.236	
16,400.0	10,554.7	15,632.9	9,576.7	57.0	58.2	36.38	5,873.6	2,178.8	1,209.2	1,100.7	108.50	11.144	
16,435.0	10,554.8	15,667.1	9,578.0	57.2	58.4	36.45	5,907.8	2,179.9	1,208.9	1,099.9	109.00	11.091	
16,500.0	10,555.0	15,724.2	9,580.3	57.6	58.9	36.61	5,964.8	2,182.3	1,208.7	1,098.8	109.89	10.999	
16,502.2	10,555.1	15,726.1	9,580.4	57.6	58.9	36.62	5,966.7	2,182.4	1,208.7	1,098.8	109.92	10.996	
16,530.0	10,555.2	15,750.6	9,581.5	57.8	59.1	36.70	5,991.1	2,183.7	1,208.7	1,098.4	110.31	10.958	
16,600.0	10,555.4	15,820.7	9,584.6	58.2	59.6	36.94	6,061.1	2,187.7	1,208.9	1,097.6	111.34	10.858	
16,625.0	10,555.5	15,845.9	9,585.7	58.3	59.8	37.02	6,086.2	2,189.1	1,209.0	1,097.3	111.70	10.823	
16,700.0	10,555.8	15,922.9	9,589.1	58.8	60.3	37.27	6,163.0	2,193.2	1,209.1	1,096.3	112.82	10.717	
16,720.0	10,555.9	15,944.5	9,590.1	58.9	60.5	37.34	6,184.6	2,194.4	1,209.2	1,096.0	113.13	10.688	
16,800.0	10,556.2	16,040.0	9,595.3	59.4	61.2	37.69	6,279.8	2,199.5	1,208.6	1,094.2	114.42	10.563	
16,815.0	10,556.3	16,058.3	9,596.4	59.5	61.4	37.75	6,298.0	2,200.3	1,208.4	1,093.8	114.66	10.539	
16,900.0	10,556.6	16,156.3	9,600.9	60.0	62.1	37.93	6,395.9	2,201.9	1,206.6	1,090.6	115.97	10.404	
16,910.0	10,556.6	16,166.6	9,601.3	60.1	62.2	37.95	6,406.2	2,202.0	1,206.3	1,090.2	116.12	10.388	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-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
17,000.0	10,557.0	16,257.2	9,604.8	60.7	62.9	38.04	6,496.8	2,201.9	1,203.9	1,086.4	117.42	10.253	
17,005.0	10,557.0	16,262.2	9,605.0	60.7	62.9	38.05	6,501.7	2,201.8	1,203.7	1,086.2	117.49	10.245	
17,100.0	10,557.4	16,362.5	9,607.1	61.3	63.7	38.01	6,602.0	2,199.3	1,201.1	1,082.3	118.87	10.105	
17,195.0	10,557.7	16,452.9	9,608.0	61.9	64.4	37.87	6,692.3	2,195.0	1,198.0	1,077.8	120.19	9.968	
17,200.0	10,557.7	16,456.9	9,608.0	61.9	64.5	37.86	6,696.2	2,194.8	1,197.9	1,077.6	120.25	9.961	
17,290.0	10,558.1	16,531.6	9,606.1	62.5	65.1	37.61	6,770.8	2,189.5	1,196.2	1,074.7	121.42	9.851	
17,300.0	10,558.1	16,540.9	9,605.8	62.6	65.1	37.57	6,780.0	2,188.7	1,196.0	1,074.5	121.56	9.839	
17,385.0	10,558.5	16,620.9	9,602.5	63.1	65.8	37.23	6,859.7	2,182.5	1,195.1	1,072.4	122.70	9.741	
17,400.0	10,558.5	16,635.7	9,601.8	63.2	65.9	37.17	6,874.4	2,181.4	1,195.0	1,072.1	122.90	9.723	
17,480.0	10,558.8	16,712.0	9,598.3	63.7	66.5	36.83	6,950.4	2,175.2	1,194.4	1,070.4	123.98	9.634	
17,500.0	10,558.9	16,729.0	9,597.4	63.9	66.6	36.75	6,967.3	2,173.8	1,194.4	1,070.1	124.23	9.614	
17,518.5	10,559.0	16,744.7	9,596.6	64.0	66.8	36.68	6,982.9	2,172.5	1,194.3	1,069.9	124.47	9.595	
17,575.0	10,559.2	16,792.0	9,593.8	64.3	67.1	36.45	7,030.0	2,168.6	1,194.5	1,069.4	125.18	9.542	
17,600.0	10,559.3	16,817.3	9,592.3	64.5	67.4	36.33	7,055.1	2,166.7	1,194.7	1,069.2	125.53	9.518	
17,670.0	10,559.5	16,886.0	9,589.2	64.9	67.9	36.10	7,123.7	2,163.0	1,195.3	1,068.8	126.50	9.449	
17,700.0	10,559.7	16,913.1	9,588.3	65.1	68.1	36.04	7,150.7	2,162.1	1,195.6	1,068.7	126.90	9.422	
17,765.0	10,559.9	16,971.5	9,586.4	65.6	68.6	35.91	7,209.1	2,160.3	1,196.5	1,068.8	127.77	9.365	
17,800.0	10,560.0	17,015.0	9,585.1	65.8	68.9	35.83	7,252.6	2,159.3	1,197.1	1,068.7	128.34	9.328	
17,860.0	10,560.3	17,094.3	9,584.1	66.2	69.6	35.74	7,331.9	2,157.5	1,197.1	1,067.8	129.32	9.256	
17,900.0	10,560.4	17,137.0	9,584.0	66.4	69.9	35.69	7,374.5	2,156.4	1,196.8	1,066.9	129.92	9.212	
17,955.0	10,560.6	17,194.4	9,583.7	66.8	70.4	35.61	7,431.9	2,154.7	1,196.3	1,065.5	130.72	9.151	
18,000.0	10,560.8	17,239.8	9,583.5	67.1	70.7	35.55	7,477.3	2,153.2	1,195.8	1,064.4	131.37	9.102	
18,050.0	10,561.0	17,291.6	9,583.2	67.4	71.2	35.47	7,529.1	2,151.4	1,195.2	1,063.1	132.10	9.048	
18,100.0	10,561.2	17,345.0	9,582.8	67.7	71.6	35.37	7,582.4	2,149.1	1,194.5	1,061.7	132.83	8.993	
18,145.0	10,561.4	17,394.5	9,582.5	68.0	72.0	35.27	7,631.9	2,146.9	1,193.8	1,060.3	133.50	8.942	
18,200.0	10,561.6	17,456.0	9,582.8	68.4	72.5	35.19	7,693.3	2,144.5	1,192.6	1,058.3	134.32	8.879	
18,240.0	10,561.7	17,492.0	9,583.2	68.7	72.8	35.16	7,729.3	2,143.5	1,191.7	1,056.8	134.89	8.835	
18,300.0	10,562.0	17,545.8	9,583.9	69.1	73.2	35.13	7,783.0	2,142.3	1,190.6	1,054.9	135.74	8.772	
18,335.0	10,562.1	17,582.2	9,584.3	69.3	73.5	35.11	7,819.4	2,141.7	1,190.1	1,053.8	136.26	8.734	
18,400.0	10,562.4	17,652.0	9,585.2	69.7	74.1	35.08	7,889.3	2,140.1	1,188.8	1,051.6	137.23	8.663	
18,430.0	10,562.5	17,684.3	9,585.7	69.9	74.3	35.05	7,921.5	2,139.2	1,188.2	1,050.5	137.68	8.630	
18,500.0	10,562.7	17,765.4	9,586.8	70.4	75.0	34.98	8,002.6	2,136.6	1,186.4	1,047.6	138.74	8.551	
18,525.0	10,562.8	17,801.8	9,587.6	70.6	75.3	34.94	8,039.0	2,135.1	1,185.5	1,046.3	139.14	8.520	
18,600.0	10,563.1	17,870.1	9,589.8	71.1	75.8	34.89	8,107.2	2,132.3	1,182.1	1,041.9	140.22	8.431	
18,620.0	10,563.2	17,883.2	9,590.2	71.2	75.9	34.89	8,120.2	2,132.0	1,181.5	1,041.0	140.49	8.409	
18,700.0	10,563.5	17,937.4	9,591.3	71.7	76.4	34.90	8,174.4	2,131.5	1,180.0	1,038.4	141.57	8.335	
18,715.0	10,563.6	17,953.1	9,591.7	71.8	76.5	34.91	8,190.1	2,131.6	1,179.8	1,038.0	141.79	8.321	
18,800.0	10,563.9	18,040.3	9,594.1	72.4	77.2	35.03	8,277.2	2,132.8	1,178.9	1,035.8	143.09	8.239	
18,810.0	10,563.9	18,049.6	9,594.4	72.5	77.3	35.04	8,286.5	2,133.0	1,178.8	1,035.6	143.23	8.230	
18,900.0	10,564.3	18,134.7	9,597.1	73.1	77.9	35.20	8,371.6	2,135.1	1,178.1	1,033.6	144.57	8.149	
18,905.0	10,564.3	18,139.9	9,597.3	73.1	78.0	35.21	8,376.8	2,135.2	1,178.1	1,033.5	144.65	8.145	
19,000.0	10,564.7	18,216.0	9,600.0	73.7	78.6	35.37	8,452.8	2,137.5	1,177.6	1,031.6	145.96	8.068	
19,009.2	10,564.7	18,234.5	9,600.6	73.8	78.7	35.42	8,471.3	2,138.1	1,177.5	1,031.3	146.17	8.056	
19,095.0	10,565.0	18,286.9	9,601.6	74.4	79.1	35.54	8,523.6	2,140.6	1,178.9	1,031.7	147.19	8.009	
19,100.0	10,565.1	18,290.0	9,601.7	74.4	79.2	35.55	8,526.7	2,140.8	1,179.0	1,031.8	147.25	8.007	
19,190.0	10,565.4	18,350.4	9,601.6	75.0	79.6	35.71	8,587.0	2,144.9	1,183.1	1,034.8	148.28	7.979	
19,200.0	10,565.4	18,357.5	9,601.5	75.1	79.7	35.73	8,594.0	2,145.5	1,183.7	1,035.3	148.40	7.976	
19,285.0	10,565.8	18,466.9	9,600.1	75.7	80.6	36.04	8,703.1	2,154.3	1,189.3	1,039.3	150.00	7.928	
19,296.4	10,565.8	18,509.0	9,600.9	75.7	80.9	36.16	8,745.1	2,156.9	1,189.6	1,039.1	150.47	7.905	
19,300.0	10,565.8	18,472.1	9,600.6	75.8	80.6	36.05	8,708.2	2,154.3	1,189.3	1,039.2	150.12	7.923	
19,380.0	10,566.1	18,591.7	9,603.0	76.3	81.6	36.39	8,827.6	2,161.5	1,190.9	1,039.2	151.76	7.848	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-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
19,400.0	10,566.2	18,610.5	9,603.5	76.5	81.7	36.45	8,846.4	2,162.5	1,191.2	1,039.2	152.05	7.834	
19,475.0	10,566.5	18,678.9	9,605.4	77.0	82.3	36.65	8,914.6	2,166.5	1,192.6	1,039.4	153.15	7.787	
19,500.0	10,566.6	18,703.4	9,606.0	77.1	82.4	36.73	8,939.1	2,168.1	1,193.1	1,039.6	153.54	7.771	
19,570.0	10,566.9	18,776.9	9,608.1	77.6	83.0	36.97	9,012.4	2,172.7	1,194.5	1,039.8	154.65	7.724	
19,600.0	10,567.0	18,808.0	9,609.1	77.8	83.3	37.07	9,043.4	2,174.7	1,195.0	1,039.9	155.13	7.703	
19,665.0	10,567.2	18,875.3	9,611.3	78.3	83.8	37.30	9,110.5	2,179.0	1,196.1	1,039.9	156.16	7.660	
19,700.0	10,567.4	18,908.1	9,612.4	78.5	84.1	37.41	9,143.3	2,181.1	1,196.7	1,040.0	156.68	7.638	
19,760.0	10,567.6	18,963.3	9,614.0	78.9	84.5	37.59	9,198.3	2,184.6	1,197.9	1,040.3	157.57	7.602	
19,800.0	10,567.7	19,003.0	9,615.1	79.2	84.8	37.72	9,238.0	2,187.2	1,198.8	1,040.6	158.19	7.578	
19,855.0	10,568.0	19,059.8	9,616.7	79.6	85.3	37.90	9,294.6	2,190.8	1,199.9	1,040.9	159.06	7.544	
19,900.0	10,568.1	19,095.4	9,617.6	79.9	85.6	38.01	9,330.1	2,193.1	1,201.0	1,041.3	159.67	7.522	
19,950.0	10,568.3	19,132.3	9,617.8	80.2	85.9	38.09	9,367.0	2,195.1	1,202.7	1,042.4	160.30	7.503	
20,000.0	10,568.5	19,171.7	9,617.2	80.6	86.2	38.14	9,406.3	2,196.9	1,204.9	1,044.0	160.93	7.487	
20,045.0	10,568.7	19,217.4	9,616.2	80.9	86.6	38.18	9,452.0	2,198.9	1,207.1	1,045.5	161.63	7.468	
20,100.0	10,568.9	19,274.9	9,614.9	81.3	87.0	38.23	9,509.4	2,201.2	1,209.7	1,047.2	162.49	7.445	
20,140.0	10,569.1	19,319.3	9,613.9	81.5	87.4	38.26	9,553.7	2,202.7	1,211.4	1,048.3	163.15	7.425	
20,200.0	10,569.3	19,376.0	9,612.6	81.9	87.8	38.28	9,610.4	2,204.4	1,213.9	1,049.9	164.02	7.401	
20,235.0	10,569.4	19,403.9	9,611.8	82.2	88.1	38.29	9,638.3	2,205.4	1,215.6	1,051.1	164.46	7.391	
20,300.0	10,569.7	19,457.4	9,610.1	82.6	88.5	38.32	9,691.7	2,207.7	1,219.2	1,053.9	165.30	7.376	
20,330.0	10,569.8	19,485.8	9,609.1	82.8	88.7	38.34	9,720.1	2,208.9	1,221.0	1,055.3	165.73	7.367	
20,400.0	10,570.1	19,553.1	9,606.2	83.3	89.3	38.35	9,787.2	2,211.5	1,225.4	1,058.6	166.76	7.348	
20,425.0	10,570.2	19,578.6	9,605.0	83.5	89.5	38.34	9,812.7	2,212.4	1,226.9	1,059.8	167.14	7.341	
20,500.0	10,570.4	19,777.8	9,602.5	84.0	91.1	38.29	10,011.7	2,212.9	1,228.6	1,059.3	169.21	7.260	
20,520.0	10,570.5	19,800.8	9,603.4	84.2	91.3	38.29	10,034.7	2,212.4	1,227.8	1,058.2	169.52	7.243	
20,600.0	10,570.8	19,884.6	9,607.9	84.7	92.0	38.39	10,118.4	2,211.6	1,224.3	1,053.6	170.75	7.170	
20,615.0	10,570.9	19,899.7	9,608.8	84.8	92.1	38.42	10,133.5	2,211.6	1,223.6	1,052.7	170.98	7.157	
20,700.0	10,571.2	19,974.1	9,613.3	85.4	92.7	38.56	10,207.7	2,211.9	1,220.2	1,047.9	172.28	7.082	
20,710.0	10,571.2	19,982.4	9,613.7	85.5	92.8	38.57	10,216.0	2,211.9	1,219.8	1,047.4	172.43	7.074	
20,800.0	10,571.6	20,062.6	9,617.2	86.1	93.5	38.67	10,296.1	2,211.9	1,217.2	1,043.4	173.79	7.004	
20,805.0	10,571.6	20,067.2	9,617.4	86.2	93.5	38.67	10,300.8	2,211.9	1,217.1	1,043.2	173.87	7.000	
20,900.0	10,572.0	20,149.6	9,620.2	86.8	94.2	38.76	10,383.1	2,212.0	1,215.0	1,039.7	175.28	6.932	
20,995.0	10,572.3	20,231.9	9,620.7	87.5	94.9	38.73	10,465.4	2,210.9	1,214.2	1,037.5	176.65	6.873	
21,000.0	10,572.4	20,236.8	9,620.7	87.5	94.9	38.73	10,470.3	2,210.9	1,214.2	1,037.4	176.73	6.870	
21,090.0	10,572.7	20,328.6	9,620.1	88.1	95.7	38.63	10,562.0	2,208.8	1,213.8	1,035.7	178.09	6.815	
21,100.0	10,572.8	20,339.7	9,620.1	88.2	95.8	38.62	10,573.2	2,208.5	1,213.7	1,035.5	178.25	6.809	
21,185.0	10,573.1	20,427.9	9,619.7	88.8	96.5	38.52	10,661.3	2,206.0	1,212.9	1,033.3	179.54	6.755	
21,200.0	10,573.1	20,441.9	9,619.6	88.9	96.6	38.50	10,675.3	2,205.6	1,212.7	1,032.9	179.76	6.746	
21,280.0	10,573.4	20,517.4	9,619.0	89.5	97.2	38.40	10,750.7	2,203.5	1,212.2	1,031.2	180.94	6.699	
21,300.0	10,573.5	20,536.6	9,618.8	89.6	97.4	38.37	10,769.9	2,203.0	1,212.1	1,030.8	181.24	6.688	
21,370.2	10,573.8	20,601.4	9,618.0	90.1	97.9	38.28	10,834.7	2,201.1	1,211.9	1,029.6	182.26	6.649	
21,375.0	10,573.8	20,605.4	9,617.9	90.2	98.0	38.27	10,838.7	2,201.0	1,211.9	1,029.5	182.33	6.647	
21,400.0	10,573.9	20,626.6	9,617.6	90.3	98.1	38.24	10,859.9	2,200.5	1,211.9	1,029.2	182.68	6.634	
21,470.0	10,574.2	20,676.0	9,616.5	90.8	98.6	38.17	10,909.3	2,199.4	1,212.5	1,029.0	183.58	6.605	
21,500.0	10,574.3	20,702.8	9,615.7	91.0	98.8	38.13	10,936.1	2,198.9	1,213.1	1,029.1	184.00	6.593	
21,565.0	10,574.5	20,744.6	9,614.0	91.5	99.1	38.07	10,977.9	2,198.6	1,215.2	1,030.5	184.73	6.578	
21,600.0	10,574.7	20,771.0	9,612.5	91.7	99.4	38.03	11,004.2	2,198.7	1,216.9	1,031.7	185.15	6.572	
21,660.0	10,574.9	20,834.2	9,609.2	92.2	99.9	37.94	11,067.3	2,199.2	1,219.9	1,033.8	186.10	6.555	
21,700.0	10,575.1	20,957.0	9,608.2	92.4	100.9	37.94	11,190.0	2,200.0	1,220.7	1,033.3	187.36	6.515	
21,755.0	10,575.3	21,007.8	9,610.4	92.8	101.3	38.02	11,240.8	2,200.3	1,219.3	1,031.1	188.20	6.479	
21,800.0	10,575.4	21,052.0	9,612.0	93.2	101.7	38.10	11,285.0	2,201.3	1,218.9	1,030.0	188.89	6.453	
21,850.0	10,575.6	21,097.5	9,613.8	93.5	102.1	38.20	11,330.4	2,202.7	1,218.4	1,028.7	189.66	6.424	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #703H - OWB - AWP

Offset Site Error: 3.0 usft

Survey Program: 112-MWD+IFR1+FDIR, 892-r.5 MWD+IFR1, 8877-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
21,900.0	10,575.8	21,147.0	9,616.2	93.9	102.5	38.32	11,379.8	2,203.9	1,217.5	1,027.1	190.44	6.393	
21,945.0	10,576.0	21,188.8	9,618.2	94.2	102.8	38.41	11,421.6	2,205.0	1,216.8	1,025.6	191.13	6.366	
22,000.0	10,576.2	21,241.0	9,619.9	94.6	103.2	38.52	11,473.7	2,206.6	1,216.7	1,024.7	191.98	6.338	
22,009.2	10,576.3	21,241.0	9,619.9	94.6	103.2	38.52	11,473.7	2,206.6	1,216.6	1,024.6	192.07	6.334	
22,040.0	10,576.4	21,273.5	9,620.7	94.9	103.5	38.57	11,506.2	2,207.5	1,216.7	1,024.1	192.56	6.319	
22,100.0	10,576.6	21,360.1	9,623.3	95.3	104.2	38.68	11,592.8	2,208.5	1,216.0	1,022.4	193.61	6.281	
22,135.0	10,576.7	21,411.8	9,625.4	95.5	104.6	38.74	11,644.3	2,208.3	1,214.9	1,020.7	194.18	6.257	
22,200.0	10,577.0	21,455.0	9,627.1	96.0	105.0	38.77	11,687.5	2,207.9	1,213.0	1,017.8	195.14	6.216	
22,230.0	10,577.1	21,472.0	9,627.3	96.2	105.1	38.77	11,704.6	2,207.7	1,212.5	1,017.0	195.55	6.201	
22,253.5	10,577.2	21,485.4	9,627.3	96.4	105.3	38.77	11,718.0	2,207.6	1,212.4	1,016.6	195.85	6.191	
22,300.0	10,577.4	21,516.0	9,626.8	96.7	105.5	38.73	11,748.5	2,207.1	1,212.8	1,016.4	196.45	6.174	
22,325.0	10,577.5	21,531.8	9,626.3	96.9	105.6	38.71	11,764.3	2,206.9	1,213.3	1,016.6	196.75	6.167	
22,400.0	10,577.8	21,598.8	9,623.7	97.4	106.2	38.59	11,831.2	2,205.7	1,215.1	1,017.3	197.80	6.143	
22,420.0	10,577.8	21,617.5	9,622.8	97.6	106.4	38.55	11,850.0	2,205.4	1,215.7	1,017.6	198.09	6.137	
22,500.0	10,578.1	21,700.6	9,618.6	98.1	107.1	38.34	11,932.9	2,203.1	1,217.8	1,018.5	199.31	6.110	
22,515.0	10,578.2	21,715.3	9,617.8	98.2	107.2	38.30	11,947.6	2,202.6	1,218.2	1,018.7	199.53	6.105	
22,593.5	10,578.5	21,789.8	9,613.4	98.8	107.8	38.06	12,021.9	2,199.8	1,220.4	1,019.8	200.66	6.082	
22,600.0	10,578.5	21,796.0	9,613.0	98.9	107.9	38.04	12,028.0	2,199.6	1,220.6	1,019.9	200.75	6.080	
22,610.0	10,578.6	21,801.0	9,612.7	98.9	107.9	38.03	12,033.1	2,199.4	1,220.9	1,020.1	200.85	6.079	
22,700.0	10,578.9	21,878.0	9,607.2	99.6	108.6	37.76	12,109.8	2,196.4	1,224.3	1,022.3	202.03	6.060	
22,705.0	10,578.9	21,882.1	9,606.9	99.6	108.6	37.74	12,113.9	2,196.3	1,224.5	1,022.4	202.10	6.059	
22,723.5	10,579.0	21,898.5	9,605.6	99.7	108.7	37.68	12,130.2	2,195.7	1,225.4	1,023.1	202.34	6.056	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	3.6	3.6	3.0	3.0	93.25	-32.3	569.8	570.7				
95.0	95.0	102.3	102.3	3.0	3.0	93.19	-31.7	569.5	570.4	564.4	6.02	94.790	
100.0	100.0	107.7	107.7	3.0	3.0	93.18	-31.7	569.5	570.4	564.4	6.02	94.738	
190.0	190.0	200.0	200.0	3.1	3.0	93.06	-30.4	568.5	569.4	563.2	6.13	92.902	
200.0	200.0	209.9	209.9	3.1	3.0	93.05	-30.2	568.4	569.3	563.1	6.15	92.619	
267.2	267.2	270.8	270.7	3.2	3.0	92.98	-29.5	568.0	568.8	562.6	6.23	91.375	
285.0	285.0	286.9	286.9	3.3	3.0	92.97	-29.5	568.1	568.8	562.6	6.25	91.046	
300.0	300.0	300.0	300.0	3.3	3.0	92.98	-29.5	568.1	568.9	562.6	6.27	90.768	
380.0	380.0	375.0	375.0	3.4	3.0	93.05	-30.3	568.9	569.7	563.4	6.36	89.598	
400.0	400.0	394.7	394.7	3.4	3.0	93.08	-30.6	569.2	570.0	563.7	6.38	89.296	
475.0	475.0	474.7	474.7	3.5	3.0	93.20	-31.9	570.0	570.9	564.5	6.47	88.237	
500.0	500.0	502.4	502.4	3.5	3.0	93.23	-32.2	570.1	571.1	564.6	6.50	87.837	
570.0	570.0	582.0	581.9	3.6	3.0	93.27	-32.5	569.6	570.6	564.0	6.58	86.700	
600.0	600.0	614.2	614.1	3.6	3.0	93.26	-32.5	569.1	570.1	563.5	6.62	86.158	
665.0	665.0	686.1	686.1	3.7	3.0	93.25	-32.2	567.2	568.4	561.7	6.69	84.945	
700.0	700.0	720.6	720.5	3.8	3.0	93.24	-32.0	566.1	567.3	560.6	6.73	84.245	
760.0	760.0	778.0	777.9	3.8	3.0	93.23	-31.9	564.6	565.6	558.8	6.80	83.137	
800.0	800.0	816.3	816.2	3.9	3.1	93.24	-31.9	563.6	564.7	557.8	6.85	82.418	
855.0	855.0	869.2	869.0	4.0	3.1	93.26	-32.1	562.6	563.6	556.6	6.92	81.476	
900.0	900.0	913.2	913.1	4.0	3.1	93.29	-32.3	561.8	562.8	555.8	6.98	80.600	
950.0	950.0	961.4	961.3	4.1	3.1	93.32	-32.6	561.0	562.0	554.9	7.06	79.637	
1,000.0	1,000.0	1,005.9	1,005.7	4.1	3.1	93.37	-33.0	560.5	561.5	554.4	7.14	78.636	
1,019.7	1,019.7	1,023.3	1,023.2	4.1	3.2	93.39	-33.2	560.5	561.5	554.3	7.17	78.264	
1,045.0	1,045.0	1,046.0	1,045.8	4.2	3.2	93.43	-33.6	560.5	561.5	554.3	7.22	77.794	
1,100.0	1,100.0	1,091.5	1,091.3	4.2	3.2	93.52	-34.5	561.1	562.3	555.0	7.32	76.827	
1,140.0	1,140.0	1,124.6	1,124.4	4.3	3.3	93.61	-35.5	562.0	563.4	556.0	7.39	76.209	
1,200.0	1,200.0	1,175.6	1,175.3	4.4	3.3	93.78	-37.3	564.0	565.9	558.4	7.51	75.328	
1,235.0	1,235.0	1,205.5	1,205.2	4.4	3.4	93.88	-38.4	565.5	567.8	560.2	7.59	74.861	
1,300.0	1,300.0	1,262.7	1,262.2	4.5	3.5	94.07	-40.5	569.2	572.1	564.4	7.73	74.013	
1,330.0	1,330.0	1,289.5	1,288.9	4.5	3.5	94.14	-41.4	571.1	574.4	566.6	7.80	73.636	
1,400.0	1,400.0	1,351.9	1,351.0	4.6	3.6	94.30	-43.3	576.2	580.2	572.3	7.97	72.798	
1,425.0	1,425.0	1,374.0	1,373.1	4.6	3.7	94.35	-44.0	578.3	582.6	574.5	8.03	72.522	
1,500.0	1,500.0	1,440.9	1,439.5	4.7	3.8	94.53	-46.3	584.9	590.2	582.0	8.23	71.727	
1,520.0	1,520.0	1,458.8	1,457.4	4.7	3.9	1.54	-47.0	586.8	592.3	584.0	8.30	71.337	
1,600.0	1,600.0	1,533.9	1,531.9	4.8	4.0	1.82	-50.7	595.4	600.1	591.4	8.62	69.593	
1,615.0	1,615.0	1,549.3	1,547.2	4.8	4.1	1.89	-51.5	597.1	601.3	592.6	8.70	69.110	
1,700.0	1,699.8	1,641.1	1,638.3	5.0	4.3	2.31	-56.7	607.3	606.4	597.3	9.17	66.111	
1,710.0	1,709.8	1,652.8	1,649.9	5.0	4.3	2.36	-57.3	608.4	606.8	597.5	9.23	65.713	
1,800.0	1,799.5	1,758.0	1,754.5	5.2	4.6	2.76	-62.0	617.7	607.1	597.3	9.79	62.017	
1,805.0	1,804.4	1,763.8	1,760.4	5.2	4.6	2.78	-62.3	618.2	606.9	597.1	9.82	61.801	
1,900.0	1,898.7	1,859.3	1,855.5	5.5	4.9	3.13	-66.1	624.9	602.4	592.0	10.39	58.003	
1,995.0	1,992.5	1,940.3	1,936.2	5.8	5.1	3.53	-70.1	631.5	595.8	584.9	10.93	54.537	
2,000.0	1,997.5	1,944.4	1,940.2	5.9	5.1	3.55	-70.4	631.9	595.5	584.5	10.95	54.365	
2,090.0	2,085.8	2,029.9	2,025.1	6.2	5.4	4.05	-75.5	640.8	588.4	576.9	11.52	51.063	
2,100.0	2,095.6	2,040.7	2,035.9	6.2	5.4	4.12	-76.1	641.9	587.4	575.8	11.59	50.672	
2,185.0	2,178.5	2,129.9	2,124.5	6.5	5.7	4.69	-81.3	650.5	577.2	565.0	12.19	47.359	
2,200.0	2,193.1	2,145.4	2,139.9	6.6	5.7	4.79	-82.2	651.9	575.0	562.8	12.29	46.783	
2,280.0	2,270.7	2,214.8	2,208.8	6.8	5.9	5.23	-86.0	658.6	563.9	551.2	12.76	44.210	
2,300.0	2,290.1	2,230.8	2,224.7	6.9	6.0	5.33	-86.9	660.4	561.5	548.6	12.87	43.637	
2,375.0	2,362.9	2,292.4	2,285.8	7.1	6.2	5.69	-90.2	668.3	553.4	540.1	13.30	41.602	
2,400.0	2,387.1	2,313.8	2,306.8	7.2	6.3	5.81	-91.3	671.4	551.0	537.6	13.45	40.967	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	2,455.0	2,378.5	2,370.7	7.5	6.5	6.15	-94.4	681.4	545.3	531.4	13.90	39.222	
2,500.0	2,484.1	2,414.0	2,405.8	7.6	6.6	6.31	-96.0	686.7	542.7	528.6	14.13	38.396	
2,565.0	2,547.2	2,488.6	2,479.7	7.8	6.8	6.63	-98.6	697.0	536.1	521.5	14.63	36.641	
2,600.0	2,581.2	2,527.4	2,518.1	7.9	7.0	6.78	-99.7	701.8	532.1	517.2	14.89	35.733	
2,660.0	2,639.4	2,591.0	2,581.2	8.2	7.2	7.00	-101.2	709.3	524.8	509.5	15.33	34.230	
2,700.0	2,678.2	2,632.4	2,622.3	8.3	7.3	7.14	-102.1	714.1	519.8	504.2	15.62	33.270	
2,755.0	2,731.6	2,687.5	2,677.1	8.5	7.5	7.31	-103.0	720.2	512.7	496.7	16.02	32.000	
2,800.0	2,775.2	2,732.3	2,721.6	8.7	7.6	7.43	-103.7	725.3	506.9	490.6	16.35	31.006	
2,850.0	2,823.7	2,782.5	2,771.5	8.9	7.8	7.58	-104.3	730.9	500.5	483.7	16.72	29.935	
2,900.0	2,872.3	2,832.8	2,821.5	9.1	8.0	7.72	-105.0	736.4	493.9	476.8	17.09	28.903	
2,945.0	2,915.9	2,878.4	2,866.9	9.3	8.1	7.85	-105.5	741.4	487.9	470.5	17.43	28.000	
3,000.0	2,969.3	2,934.3	2,922.4	9.5	8.3	8.01	-106.1	747.3	480.5	462.7	17.84	26.935	
3,040.0	3,008.1	2,975.0	2,962.9	9.7	8.5	8.12	-106.4	751.5	475.0	456.9	18.14	26.181	
3,100.0	3,066.3	3,036.2	3,023.8	9.9	8.7	8.30	-107.0	757.7	466.6	448.0	18.60	25.086	
3,135.0	3,100.3	3,072.4	3,059.8	10.1	8.8	8.42	-107.4	761.2	461.5	442.7	18.87	24.461	
3,200.0	3,163.3	3,139.4	3,126.5	10.3	9.0	8.66	-108.1	767.4	451.9	432.5	19.37	23.333	
3,230.0	3,192.5	3,170.3	3,157.3	10.5	9.1	8.77	-108.4	770.1	447.3	427.7	19.60	22.824	
3,300.0	3,260.4	3,237.4	3,224.1	10.8	9.4	9.01	-108.9	775.8	436.4	416.3	20.13	21.683	
3,325.0	3,284.6	3,259.0	3,245.7	10.9	9.4	9.10	-109.2	777.9	432.8	412.4	20.31	21.305	
3,400.0	3,357.4	3,326.2	3,312.4	11.2	9.7	9.42	-110.5	785.0	422.8	401.9	20.87	20.256	
3,420.0	3,376.8	3,345.4	3,331.5	11.3	9.7	9.53	-111.0	787.2	420.3	399.3	21.03	19.989	
3,500.0	3,454.4	3,423.5	3,409.0	11.6	10.0	10.05	-113.5	796.1	410.6	388.9	21.64	18.970	
3,515.0	3,469.0	3,438.6	3,424.1	11.7	10.1	10.17	-114.1	797.8	408.8	387.0	21.76	18.784	
3,600.0	3,551.5	3,523.4	3,508.2	12.1	10.4	10.97	-118.2	807.0	398.3	375.9	22.42	17.770	
3,610.0	3,561.2	3,533.1	3,517.9	12.1	10.4	11.07	-118.7	808.1	397.1	374.6	22.49	17.655	
3,700.0	3,648.5	3,622.0	3,606.1	12.5	10.7	12.08	-123.8	817.7	386.3	363.2	23.18	16.666	
3,705.0	3,653.3	3,627.0	3,611.1	12.5	10.7	12.14	-124.1	818.2	385.7	362.5	23.22	16.613	
3,800.0	3,745.5	3,722.4	3,705.8	13.0	11.1	13.30	-129.6	828.3	374.3	350.3	23.95	15.629	
3,895.0	3,837.7	3,817.9	3,800.6	13.4	11.4	14.50	-134.7	838.1	362.6	337.9	24.66	14.701	
3,900.0	3,842.6	3,822.9	3,805.6	13.4	11.4	14.57	-135.0	838.6	362.0	337.3	24.70	14.654	
3,990.0	3,929.9	3,913.7	3,895.8	13.8	11.7	15.74	-139.4	847.6	350.6	325.2	25.38	13.816	
4,000.0	3,939.6	3,923.7	3,905.8	13.9	11.8	15.87	-139.9	848.5	349.3	323.9	25.45	13.725	
4,085.0	4,022.1	4,009.1	3,990.7	14.3	12.1	16.98	-143.6	856.8	338.4	312.3	26.08	12.974	
4,100.0	4,036.6	4,024.3	4,005.8	14.3	12.1	17.18	-144.2	858.2	336.4	310.2	26.19	12.844	
4,180.0	4,114.2	4,101.3	4,082.4	14.7	12.4	18.22	-147.3	865.4	326.0	299.2	26.78	12.175	
4,200.0	4,133.6	4,119.5	4,100.5	14.8	12.5	18.49	-148.1	867.3	323.6	296.7	26.92	12.020	
4,275.0	4,206.4	4,191.5	4,172.0	15.1	12.7	19.67	-152.1	875.0	315.3	287.8	27.45	11.485	
4,300.0	4,230.7	4,217.3	4,197.6	15.2	12.8	20.11	-153.5	877.7	312.5	284.9	27.63	11.312	
4,370.0	4,298.6	4,285.8	4,265.7	15.6	13.1	21.32	-157.2	884.7	304.6	276.5	28.11	10.836	
4,400.0	4,327.7	4,313.4	4,293.1	15.7	13.2	21.83	-158.8	887.7	301.5	273.2	28.31	10.649	
4,465.0	4,390.8	4,373.0	4,352.1	16.0	13.4	23.01	-162.8	894.6	295.6	266.8	28.74	10.285	
4,500.0	4,424.7	4,404.9	4,383.7	16.2	13.5	23.70	-165.3	898.6	292.9	263.9	28.96	10.116	
4,560.0	4,482.9	4,461.4	4,439.4	16.5	13.7	25.06	-170.6	906.1	289.2	259.9	29.31	9.865	
4,600.0	4,521.8	4,502.5	4,480.0	16.6	13.9	26.09	-174.5	911.4	286.8	257.2	29.55	9.704	
4,655.0	4,575.1	4,558.9	4,535.7	16.9	14.1	27.53	-179.6	918.5	283.3	253.5	29.87	9.485	
4,700.0	4,618.8	4,604.7	4,581.0	17.1	14.2	28.70	-183.6	924.1	280.4	250.3	30.12	9.309	
4,750.0	4,667.3	4,655.6	4,631.3	17.3	14.4	30.01	-187.8	930.2	277.0	246.6	30.39	9.116	
4,800.0	4,715.8	4,706.5	4,681.7	17.6	14.6	31.36	-191.9	936.0	273.5	242.9	30.64	8.926	
4,845.0	4,759.5	4,752.2	4,727.0	17.8	14.8	32.60	-195.4	941.1	270.3	239.5	30.86	8.759	
4,900.0	4,812.8	4,808.0	4,782.3	18.0	15.0	34.15	-199.6	947.1	266.3	235.2	31.11	8.558	
4,940.0	4,851.7	4,846.5	4,820.5	18.2	15.1	35.24	-202.3	951.2	263.4	232.1	31.29	8.418	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
5,000.0	4,909.9	4,901.9	4,875.4	18.5	15.3	36.91	-207.0	957.3	259.9	228.4	31.52	8.245	
5,035.0	4,943.8	4,935.9	4,909.0	18.7	15.4	37.99	-210.1	961.3	258.4	226.7	31.64	8.165	
5,100.0	5,006.9	5,003.1	4,975.5	19.0	15.7	40.20	-216.3	968.7	255.3	223.5	31.85	8.018	
5,130.0	5,036.0	5,033.8	5,006.0	19.1	15.8	41.24	-219.0	971.8	253.8	221.9	31.93	7.950	
5,200.0	5,103.9	5,105.4	5,076.9	19.5	16.1	43.73	-224.9	978.8	250.1	218.1	32.09	7.795	
5,225.0	5,128.2	5,131.0	5,102.4	19.6	16.2	44.65	-226.9	981.1	248.8	216.6	32.14	7.741	
5,300.0	5,201.0	5,207.8	5,178.6	19.9	16.4	47.45	-232.5	987.8	244.4	212.2	32.25	7.580	
5,320.0	5,220.4	5,228.0	5,198.8	20.0	16.5	48.21	-233.8	989.4	243.3	211.0	32.27	7.538	
5,400.0	5,298.0	5,308.9	5,279.2	20.4	16.8	51.35	-239.1	995.7	238.5	206.2	32.32	7.378	
5,415.0	5,312.5	5,324.0	5,294.3	20.5	16.8	51.95	-240.0	996.8	237.6	205.3	32.33	7.350	
5,500.0	5,395.0	5,409.5	5,379.4	20.9	17.2	55.46	-244.9	1,002.9	232.7	200.4	32.32	7.199	
5,510.0	5,404.7	5,419.4	5,389.3	20.9	17.2	55.88	-245.4	1,003.5	232.1	199.8	32.31	7.183	
5,600.0	5,492.1	5,508.9	5,478.4	21.4	17.5	59.84	-250.3	1,009.2	227.5	195.2	32.23	7.057	
5,605.0	5,496.9	5,513.9	5,483.4	21.4	17.5	60.06	-250.6	1,009.5	227.2	195.0	32.23	7.051	
5,700.0	5,589.1	5,608.4	5,577.6	21.8	17.9	64.46	-255.3	1,015.1	223.1	191.0	32.09	6.952	
5,795.0	5,681.3	5,702.2	5,671.2	22.3	18.2	68.91	-259.7	1,020.7	220.0	188.1	31.97	6.883	
5,800.0	5,686.1	5,707.2	5,676.2	22.3	18.2	69.15	-259.9	1,021.0	219.9	187.9	31.96	6.880	
5,890.0	5,773.4	5,796.1	5,764.8	22.7	18.5	73.43	-263.8	1,026.4	218.1	186.2	31.89	6.840	
5,900.0	5,783.1	5,806.0	5,774.7	22.8	18.6	73.91	-264.3	1,027.0	218.0	186.1	31.89	6.837	
5,985.0	5,865.6	5,889.8	5,858.3	23.2	18.9	78.03	-267.8	1,031.8	217.4	185.6	31.89	6.818	
5,987.6	5,868.1	5,892.4	5,860.8	23.2	18.9	78.16	-267.9	1,032.0	217.4	185.5	31.90	6.817	CC, ES
6,000.0	5,880.2	5,904.6	5,873.1	23.3	18.9	78.77	-268.4	1,032.6	217.5	185.6	31.91	6.816	
6,080.0	5,957.8	5,983.4	5,951.7	23.7	19.2	82.76	-271.7	1,036.8	218.1	186.0	32.03	6.808	
6,100.0	5,977.2	6,003.1	5,971.3	23.8	19.3	83.76	-272.5	1,037.8	218.4	186.3	32.09	6.806	
6,175.0	6,050.0	6,076.9	6,045.0	24.1	19.5	87.52	-275.4	1,041.3	220.1	187.8	32.37	6.802	
6,200.0	6,074.2	6,101.7	6,069.7	24.2	19.6	88.78	-276.4	1,042.5	220.9	188.4	32.49	6.799	
6,270.0	6,142.1	6,170.8	6,138.8	24.6	19.9	92.28	-278.9	1,045.6	223.5	190.5	32.93	6.786	
6,300.0	6,171.3	6,200.3	6,168.2	24.7	20.0	93.75	-280.0	1,046.9	224.8	191.6	33.16	6.780	
6,365.0	6,234.3	6,264.0	6,231.8	25.0	20.2	96.91	-282.2	1,049.5	228.1	194.4	33.72	6.765	
6,400.0	6,268.3	6,298.0	6,265.7	25.2	20.3	98.58	-283.3	1,050.8	230.3	196.2	34.07	6.759	
6,460.0	6,326.5	6,356.2	6,323.9	25.5	20.5	101.43	-285.4	1,052.8	234.5	199.8	34.73	6.753	
6,500.0	6,365.3	6,395.1	6,362.7	25.7	20.7	103.32	-286.8	1,053.9	237.7	202.5	35.21	6.751	
6,555.0	6,418.7	6,448.4	6,416.0	25.9	20.9	105.89	-288.6	1,055.2	242.6	206.7	35.91	6.755	
6,600.0	6,462.3	6,492.1	6,459.7	26.2	21.0	107.97	-290.1	1,056.0	247.0	210.5	36.53	6.762	
6,650.0	6,510.9	6,540.6	6,508.1	26.4	21.2	110.24	-291.7	1,056.8	252.3	215.1	37.24	6.776	
6,700.0	6,559.4	6,588.6	6,556.1	26.6	21.3	112.44	-293.3	1,057.2	258.2	220.2	37.97	6.799	
6,745.0	6,603.0	6,631.9	6,599.4	26.9	21.5	114.39	-294.7	1,057.4	263.8	225.2	38.64	6.827	
6,800.0	6,656.4	6,685.9	6,653.3	27.1	21.7	116.73	-296.4	1,057.6	271.2	231.7	39.49	6.866	
6,840.0	6,695.2	6,725.1	6,692.5	27.3	21.8	118.36	-297.6	1,057.7	276.7	236.6	40.11	6.897	
6,900.0	6,753.4	6,783.5	6,750.9	27.6	22.0	120.68	-299.2	1,057.9	285.3	244.3	41.03	6.954	
6,935.0	6,787.4	6,817.5	6,784.9	27.8	22.1	121.97	-300.2	1,058.0	290.6	249.0	41.56	6.992	
7,000.0	6,850.5	6,881.0	6,848.3	28.1	22.3	124.25	-301.9	1,058.3	300.6	258.1	42.52	7.070	
7,030.0	6,879.6	6,910.2	6,877.6	28.2	22.4	125.25	-302.7	1,058.4	305.4	262.4	42.96	7.108	
7,100.0	6,947.5	6,986.4	6,953.7	28.6	22.7	127.69	-304.1	1,059.5	316.0	271.9	44.12	7.162	
7,125.0	6,971.7	7,013.5	6,980.8	28.7	22.8	128.51	-304.3	1,060.2	319.5	275.0	44.52	7.176	
7,200.0	7,044.5	7,093.8	7,061.0	29.1	23.1	130.65	-304.7	1,064.0	329.1	283.5	45.63	7.212	
7,220.0	7,063.9	7,113.9	7,081.1	29.2	23.2	131.13	-304.8	1,065.3	331.5	285.6	45.90	7.223	
7,300.0	7,141.5	7,191.3	7,158.4	29.5	23.4	133.02	-304.7	1,069.5	341.5	294.5	46.93	7.276	
7,315.0	7,156.1	7,205.6	7,172.6	29.6	23.5	133.38	-304.6	1,070.2	343.4	296.3	47.12	7.288	
7,400.0	7,238.6	7,285.6	7,252.5	30.0	23.8	135.41	-304.0	1,073.3	355.1	306.9	48.19	7.369	
7,410.0	7,248.3	7,295.1	7,262.0	30.1	23.8	135.65	-303.9	1,073.6	356.6	308.3	48.32	7.379	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
7,500.0	7,335.6	7,382.0	7,348.9	30.5	24.1	137.89	-302.6	1,075.6	370.2	320.7	49.50	7.479	
7,505.0	7,340.5	7,387.0	7,353.9	30.5	24.1	138.03	-302.5	1,075.7	371.0	321.4	49.57	7.484	
7,600.0	7,432.6	7,479.0	7,445.9	31.0	24.4	140.37	-300.5	1,077.2	386.1	335.3	50.80	7.601	
7,602.3	7,434.9	7,481.0	7,447.9	31.0	24.4	140.42	-300.5	1,077.2	386.5	335.7	50.82	7.605	
7,695.0	7,525.2	7,562.5	7,529.3	31.5	24.7	142.51	-298.7	1,077.3	401.8	350.0	51.80	7.757	
7,700.0	7,530.1	7,566.8	7,533.7	31.5	24.7	142.62	-298.6	1,077.2	402.7	350.8	51.85	7.766	
7,790.0	7,618.3	7,645.9	7,612.7	31.9	24.9	144.37	-297.3	1,075.4	417.7	365.0	52.68	7.929	
7,800.0	7,628.2	7,654.7	7,621.5	32.0	25.0	144.55	-297.2	1,075.1	419.4	366.6	52.76	7.948	
7,885.0	7,712.1	7,738.0	7,704.8	32.4	25.2	146.06	-296.3	1,072.0	432.9	379.2	53.64	8.070	
7,900.0	7,726.9	7,753.2	7,720.0	32.4	25.3	146.31	-296.1	1,071.4	435.0	381.2	53.80	8.086	
7,980.0	7,806.3	7,835.5	7,802.2	32.8	25.5	147.40	-295.4	1,069.0	445.1	390.5	54.61	8.150	
8,000.0	7,826.2	7,856.2	7,823.0	32.9	25.6	147.60	-295.4	1,068.7	447.3	392.5	54.81	8.161	
8,075.0	7,900.9	7,932.1	7,898.8	33.2	25.9	148.16	-295.9	1,067.8	454.2	398.7	55.43	8.193	
8,100.0	7,925.8	7,957.4	7,924.1	33.3	25.9	148.28	-296.2	1,067.6	456.1	400.4	55.63	8.198	
8,170.0	7,995.7	8,026.3	7,993.0	33.5	26.2	148.51	-297.2	1,067.1	460.4	404.3	56.10	8.207	
8,200.0	8,025.6	8,056.0	8,022.7	33.6	26.3	148.56	-297.7	1,066.9	461.9	405.6	56.30	8.204	
8,265.0	8,090.6	8,121.6	8,088.3	33.7	26.5	148.61	-298.6	1,066.5	464.1	407.4	56.63	8.195	
8,302.4	8,128.0	8,159.6	8,126.3	33.8	26.6	-118.37	-299.1	1,066.2	464.7	407.9	56.82	8.179	
8,360.0	8,185.6	8,219.4	8,186.1	33.8	26.8	-118.45	-299.9	1,066.1	465.3	408.2	57.06	8.154	
8,400.0	8,225.6	8,260.9	8,227.6	33.8	27.0	-118.52	-300.6	1,066.2	465.5	408.2	57.22	8.135	
8,455.0	8,280.6	8,318.2	8,284.9	33.8	27.2	-118.65	-301.5	1,066.6	465.5	408.1	57.44	8.104	
8,500.0	8,325.6	8,364.3	8,331.0	33.8	27.3	-118.77	-302.3	1,067.2	465.4	407.8	57.60	8.079	
8,550.0	8,375.6	8,415.0	8,381.6	33.8	27.5	-118.90	-303.1	1,068.0	465.1	407.3	57.78	8.050	
8,600.0	8,425.6	8,464.6	8,431.3	33.9	27.7	-119.02	-303.9	1,068.7	464.9	406.9	57.93	8.024	
8,645.0	8,470.6	8,508.8	8,475.5	33.9	27.8	-119.10	-304.3	1,069.1	464.7	406.6	58.07	8.002	
8,700.0	8,525.6	8,563.2	8,529.9	33.9	28.0	-119.15	-304.6	1,069.4	464.6	406.3	58.26	7.974	
8,740.0	8,565.6	8,602.9	8,569.5	33.9	28.2	-119.18	-304.8	1,069.5	464.5	406.1	58.39	7.955	
8,765.4	8,591.0	8,627.9	8,594.5	33.9	28.3	-119.19	-304.9	1,069.6	464.5	406.0	58.48	7.943	
8,800.0	8,625.6	8,661.3	8,627.9	33.9	28.4	-119.20	-305.0	1,069.6	464.5	406.0	58.58	7.930	
8,835.0	8,660.6	8,695.0	8,661.7	33.9	28.5	-119.19	-305.0	1,069.5	464.7	406.0	58.69	7.918	
8,900.0	8,725.6	8,758.2	8,724.9	33.9	28.7	-119.13	-304.8	1,068.8	465.2	406.3	58.89	7.899	
8,930.0	8,755.6	8,787.5	8,754.1	33.9	28.8	-119.10	-304.7	1,068.4	465.5	406.5	58.99	7.890	
9,000.0	8,825.6	8,856.5	8,823.1	33.9	29.0	-119.00	-304.4	1,067.3	466.3	407.1	59.23	7.873	
9,025.0	8,850.6	8,880.8	8,847.4	33.9	29.0	-118.96	-304.3	1,066.9	466.6	407.4	59.27	7.873	
9,100.0	8,925.6	8,954.3	8,920.9	34.0	29.1	-118.85	-304.1	1,065.4	467.9	408.5	59.38	7.879	
9,120.0	8,945.6	8,974.8	8,941.4	34.0	29.1	-118.81	-304.0	1,064.9	468.2	408.8	59.41	7.882	
9,200.0	9,025.6	9,256.3	9,210.2	34.0	29.2	-112.13	-237.4	1,084.1	459.4	399.1	60.27	7.622	
9,215.0	9,040.6	9,289.3	9,237.9	34.0	29.2	-110.36	-220.9	1,091.0	453.2	393.0	60.17	7.532	
9,300.0	9,125.6	9,374.4	9,305.1	34.0	29.2	-104.37	-172.1	1,109.3	416.7	355.6	61.12	6.817	
9,310.0	9,135.6	9,383.4	9,312.1	34.0	29.2	-103.65	-166.7	1,111.2	412.5	351.2	61.25	6.734	
9,400.0	9,225.6	9,477.0	9,382.3	34.0	29.2	-95.12	-108.9	1,133.4	375.7	313.5	62.19	6.041	
9,405.0	9,230.6	9,482.8	9,386.4	34.0	29.2	-94.52	-105.2	1,135.0	373.7	311.5	62.23	6.005	
9,500.0	9,325.6	9,564.8	9,441.5	34.1	29.2	-84.72	-49.0	1,157.8	337.9	274.7	63.22	5.346	
9,595.0	9,420.6	9,661.4	9,494.8	34.1	29.3	-70.16	24.2	1,191.0	310.3	247.5	62.75	4.944	
9,600.0	9,425.6	9,665.3	9,496.7	34.1	29.3	-69.52	27.2	1,192.5	309.1	246.5	62.69	4.931	
9,687.3	9,512.9	9,708.4	9,516.4	34.1	29.3	-62.22	61.2	1,210.3	299.4	238.5	60.89	4.917	
9,690.0	9,515.6	9,709.6	9,516.9	34.1	29.3	-62.00	62.2	1,210.8	299.4	238.6	60.79	4.924	
9,700.0	9,525.6	9,713.0	9,518.4	34.1	29.3	-61.42	64.9	1,212.2	299.6	239.1	60.44	4.956	
9,785.0	9,610.6	9,740.2	9,530.1	34.1	29.3	-56.75	86.8	1,223.3	312.6	256.2	56.44	5.539	
9,800.0	9,625.6	9,744.6	9,532.0	34.1	29.4	-55.99	90.4	1,225.0	317.0	261.4	55.60	5.700	
9,880.0	9,705.6	9,768.1	9,541.6	34.1	29.4	-52.03	109.9	1,234.0	348.8	297.7	51.11	6.824	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
9,900.0	9,725.6	9,774.0	9,543.9	34.1	29.4	-51.05	114.8	1,236.2	358.7	308.7	50.05	7.167	
9,975.0	9,800.6	9,794.0	9,551.5	34.2	29.4	-47.76	131.8	1,243.8	401.9	355.3	46.59	8.626	
10,000.0	9,825.6	9,807.0	9,556.1	34.2	29.4	-45.68	142.9	1,248.6	418.1	372.4	45.66	9.157	
10,070.0	9,895.6	9,807.0	9,556.1	34.2	29.4	-45.68	142.9	1,248.6	466.8	423.4	43.41	10.754	
10,100.0	9,925.6	9,821.7	9,561.0	34.2	29.4	-43.36	155.6	1,254.2	488.9	446.2	42.73	11.442	
10,135.4	9,961.0	9,828.5	9,563.2	34.2	29.4	-42.32	161.4	1,256.8	516.0	474.3	41.74	12.364	
10,150.0	9,975.6	9,831.2	9,564.0	34.2	29.4	-40.59	163.8	1,257.8	527.3	485.9	41.48	12.714	
10,165.0	9,990.6	9,834.2	9,564.9	34.2	29.4	-39.00	166.4	1,258.9	539.0	497.7	41.24	13.070	
10,200.0	10,025.5	9,841.5	9,567.1	34.2	29.4	-35.50	172.8	1,261.7	565.8	525.1	40.74	13.889	
10,250.0	10,074.9	9,855.0	9,570.9	34.2	29.4	-30.84	184.7	1,266.9	603.4	563.3	40.18	15.019	
10,260.0	10,084.6	9,855.0	9,570.9	34.2	29.4	-30.28	184.7	1,266.9	610.8	570.8	40.06	15.247	
10,300.0	10,123.4	9,870.7	9,575.2	34.2	29.5	-26.77	198.6	1,272.8	639.9	600.1	39.77	16.092	
10,350.0	10,170.6	9,891.7	9,580.8	34.2	29.5	-23.05	217.3	1,280.6	674.8	635.3	39.50	17.084	
10,355.0	10,175.3	9,893.9	9,581.4	34.2	29.5	-22.71	219.3	1,281.4	678.2	638.7	39.48	17.179	
10,400.0	10,216.3	9,902.0	9,583.5	34.2	29.5	-20.70	226.5	1,284.4	707.9	668.7	39.22	18.047	
10,450.0	10,260.1	9,928.7	9,590.2	34.2	29.5	-17.86	250.5	1,293.8	739.0	699.8	39.14	18.878	
10,500.0	10,301.5	9,950.0	9,595.0	34.2	29.6	-15.81	270.0	1,301.0	768.2	729.1	39.08	19.659	
10,545.0	10,336.6	9,950.0	9,595.0	34.2	29.6	-15.02	270.0	1,301.0	792.9	754.0	38.92	20.372	
10,550.0	10,340.4	9,950.0	9,595.0	34.2	29.6	-14.94	270.0	1,301.0	795.6	756.7	38.91	20.448	
10,600.0	10,376.4	9,976.6	9,600.1	34.3	29.6	-13.24	294.6	1,309.7	820.5	781.5	38.96	21.060	
10,640.0	10,402.9	9,997.0	9,603.1	34.3	29.6	-12.12	313.8	1,316.0	839.2	800.2	39.02	21.509	
10,650.0	10,409.2	9,997.0	9,603.1	34.3	29.6	-12.02	313.8	1,316.0	843.6	804.6	39.01	21.627	
10,700.0	10,438.6	9,997.0	9,603.1	34.3	29.6	-11.54	313.8	1,316.0	864.6	825.6	38.99	22.171	
10,735.0	10,457.0	10,017.8	9,605.3	34.3	29.6	-10.69	333.4	1,322.5	877.7	838.6	39.10	22.445	
10,750.0	10,464.4	10,022.5	9,605.6	34.3	29.7	-10.46	337.9	1,324.0	883.1	843.9	39.14	22.562	
10,800.0	10,486.3	10,045.0	9,606.8	34.3	29.7	-9.58	359.1	1,331.1	899.5	860.2	39.30	22.887	
10,830.0	10,497.6	10,052.5	9,607.0	34.3	29.7	-9.25	366.2	1,333.6	908.0	868.6	39.39	23.050	
10,850.0	10,504.3	10,069.6	9,607.4	34.4	29.7	-8.75	382.4	1,339.3	913.1	873.6	39.50	23.118	
10,900.0	10,518.1	10,112.5	9,608.2	34.4	29.8	-7.56	422.6	1,354.2	923.3	883.5	39.78	23.211	
10,925.0	10,523.4	10,133.9	9,608.5	34.4	29.8	-6.99	442.5	1,362.1	927.0	887.1	39.93	23.217	
10,950.0	10,527.6	10,152.9	9,608.7	34.4	29.9	-6.49	460.1	1,369.3	929.8	889.7	40.08	23.198	
11,000.0	10,532.9	10,189.8	9,608.9	34.5	29.9	-5.62	494.5	1,382.5	932.7	892.3	40.39	23.093	
11,020.0	10,533.8	10,204.8	9,608.9	34.5	30.0	-5.30	508.6	1,387.6	932.9	892.4	40.50	23.032	
11,033.2	10,534.0	10,214.8	9,608.9	34.5	30.0	-5.10	518.1	1,390.9	932.7	892.1	40.58	22.984	
11,100.0	10,534.3	10,268.0	9,608.5	34.6	30.1	-4.08	568.6	1,407.4	931.7	890.7	40.98	22.735	
11,115.0	10,534.3	10,280.4	9,608.3	34.6	30.1	-3.86	580.5	1,411.0	931.6	890.6	41.08	22.679	
11,129.0	10,534.4	10,292.0	9,608.2	34.6	30.1	-3.66	591.6	1,414.2	931.6	890.4	41.17	22.629	
11,200.0	10,534.6	10,356.1	9,607.1	34.7	30.3	-2.63	653.6	1,430.7	932.1	890.4	41.65	22.376	
11,210.0	10,534.7	10,366.2	9,606.9	34.7	30.3	-2.48	663.3	1,433.2	932.2	890.4	41.73	22.338	
11,300.0	10,535.0	10,455.3	9,605.5	34.8	30.5	-1.10	749.6	1,455.3	933.2	890.8	42.43	21.993	
11,305.0	10,535.0	10,460.1	9,605.5	34.8	30.5	-1.03	754.2	1,456.5	933.3	890.8	42.47	21.973	
11,400.0	10,535.4	10,549.7	9,604.1	35.0	30.7	0.36	841.0	1,478.9	935.0	891.7	43.28	21.604	
11,495.0	10,535.8	10,642.4	9,602.4	35.2	31.0	1.87	930.4	1,503.4	937.7	893.5	44.19	21.223	
11,500.0	10,535.8	10,648.1	9,602.3	35.2	31.0	1.97	935.9	1,505.0	937.9	893.6	44.24	21.201	
11,590.0	10,536.1	10,739.9	9,601.5	35.3	31.3	3.51	1,024.2	1,530.1	940.2	895.0	45.19	20.805	
11,600.0	10,536.2	10,748.4	9,601.4	35.3	31.3	3.66	1,032.4	1,532.6	940.6	895.3	45.30	20.765	
11,685.0	10,536.5	10,816.5	9,600.4	35.5	31.5	4.87	1,097.4	1,552.4	944.2	898.0	46.20	20.438	
11,700.0	10,536.6	10,828.5	9,600.1	35.6	31.6	5.08	1,108.9	1,556.0	945.0	898.6	46.36	20.385	
11,780.0	10,536.9	10,943.9	9,599.2	35.7	32.0	6.82	1,220.6	1,584.8	948.0	900.6	47.42	19.992	
11,800.0	10,537.0	10,966.4	9,599.3	35.8	32.0	7.07	1,242.7	1,588.8	948.5	900.9	47.64	19.910	
11,875.0	10,537.2	11,051.7	9,599.5	35.9	32.3	7.66	1,327.5	1,598.5	949.7	901.3	48.38	19.631	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
11,900.0	10,537.3	11,080.1	9,599.6	36.0	32.4	7.79	1,355.8	1,600.6	950.0	901.3	48.61	19.542	
11,970.0	10,537.6	11,156.4	9,600.2	36.2	32.7	8.03	1,431.9	1,604.5	950.2	901.0	49.24	19.297	
12,000.0	10,537.7	11,188.1	9,600.4	36.3	32.8	8.06	1,463.7	1,604.9	950.2	900.7	49.49	19.200	
12,065.0	10,538.0	11,253.8	9,600.5	36.4	33.0	7.98	1,529.3	1,603.4	950.1	900.1	50.01	18.999	
12,100.0	10,538.1	11,288.4	9,600.5	36.5	33.1	7.88	1,563.9	1,601.7	950.1	899.8	50.28	18.898	
12,115.4	10,538.2	11,303.0	9,600.4	36.6	33.2	7.83	1,578.5	1,600.8	950.1	899.7	50.39	18.854	
12,160.0	10,538.3	11,338.7	9,600.1	36.7	33.3	7.69	1,614.1	1,598.4	950.3	899.6	50.74	18.730	
12,200.0	10,538.5	11,370.4	9,599.5	36.8	33.4	7.56	1,645.7	1,596.3	950.8	899.8	51.05	18.627	
12,255.0	10,538.7	11,413.0	9,598.2	36.9	33.6	7.38	1,688.2	1,593.4	952.2	900.7	51.48	18.496	
12,300.0	10,538.9	11,446.6	9,596.8	37.1	33.7	7.24	1,721.7	1,591.1	953.9	902.0	51.84	18.400	
12,350.0	10,539.1	11,493.0	9,594.2	37.2	33.9	7.03	1,767.9	1,587.9	956.4	904.2	52.24	18.307	
12,400.0	10,539.3	11,561.8	9,591.0	37.4	34.1	6.79	1,836.5	1,584.2	958.7	906.1	52.66	18.205	
12,445.0	10,539.4	11,620.7	9,590.0	37.5	34.4	6.67	1,895.4	1,582.1	959.5	906.4	53.08	18.077	
12,500.0	10,539.6	11,678.8	9,589.3	37.7	34.6	6.56	1,953.5	1,580.3	960.1	906.5	53.58	17.918	
12,540.0	10,539.8	11,734.7	9,589.2	37.8	34.8	6.47	2,009.4	1,578.6	960.2	906.3	53.97	17.791	
12,600.0	10,540.0	11,802.5	9,590.3	38.0	35.1	6.38	2,077.1	1,576.8	959.3	904.7	54.56	17.583	
12,635.0	10,540.2	11,830.5	9,590.7	38.1	35.3	6.34	2,105.1	1,576.1	958.9	904.0	54.90	17.467	
12,670.0	10,540.3	11,858.5	9,590.8	38.3	35.4	6.30	2,133.1	1,575.4	958.8	903.6	55.24	17.356	
12,700.0	10,540.4	11,882.9	9,590.8	38.4	35.5	6.27	2,157.5	1,574.8	958.9	903.3	55.54	17.266	
12,730.0	10,540.5	11,908.2	9,590.6	38.5	35.6	6.24	2,182.8	1,574.3	959.1	903.3	55.84	17.178	
12,800.0	10,540.8	11,970.0	9,589.7	38.7	35.9	6.17	2,244.5	1,573.1	960.3	903.8	56.54	16.984	
12,825.0	10,540.9	12,026.5	9,589.5	38.8	36.2	6.10	2,301.1	1,571.7	960.5	903.6	56.83	16.901	
12,900.0	10,541.2	12,133.5	9,593.4	39.1	36.7	5.84	2,407.8	1,566.9	957.5	899.9	57.61	16.620	
12,920.0	10,541.3	12,156.0	9,594.4	39.2	36.8	5.78	2,430.3	1,565.6	956.5	898.7	57.82	16.544	
13,000.0	10,541.6	12,222.8	9,597.2	39.5	37.1	5.58	2,496.9	1,561.9	953.1	894.5	58.64	16.252	
13,015.0	10,541.6	12,235.1	9,597.6	39.5	37.2	5.54	2,509.2	1,561.2	952.6	893.8	58.80	16.200	
13,100.0	10,542.0	12,309.2	9,599.5	39.8	37.5	5.34	2,583.2	1,557.6	950.4	890.7	59.70	15.919	
13,110.0	10,542.0	12,318.1	9,599.7	39.9	37.6	5.32	2,592.1	1,557.1	950.1	890.3	59.81	15.887	
13,200.0	10,542.3	12,399.3	9,600.9	40.2	38.0	5.10	2,673.2	1,553.2	948.8	888.0	60.77	15.611	
13,205.0	10,542.4	12,403.9	9,601.0	40.3	38.0	5.08	2,677.7	1,552.9	948.7	887.9	60.83	15.596	
13,297.2	10,542.7	12,486.4	9,601.4	40.6	38.4	4.87	2,760.2	1,549.2	948.2	886.4	61.84	15.334	
13,300.0	10,542.7	12,488.9	9,601.4	40.7	38.4	4.87	2,762.7	1,549.1	948.2	886.4	61.87	15.326	
13,395.0	10,543.1	12,574.6	9,600.9	41.0	38.9	4.65	2,848.2	1,545.3	948.8	885.9	62.92	15.079	
13,400.0	10,543.1	12,579.3	9,600.9	41.1	38.9	4.63	2,852.9	1,545.1	948.8	885.9	62.98	15.066	
13,490.0	10,543.5	12,667.3	9,599.7	41.5	39.4	4.38	2,940.9	1,540.8	950.0	886.0	63.99	14.845	
13,500.0	10,543.5	12,678.1	9,599.6	41.5	39.5	4.34	2,951.6	1,540.2	950.1	886.0	64.11	14.821	
13,585.0	10,543.8	12,762.7	9,598.7	41.9	39.9	4.05	3,036.1	1,535.3	951.0	885.9	65.08	14.614	
13,600.0	10,543.9	12,776.0	9,598.5	41.9	40.0	4.01	3,049.4	1,534.5	951.2	886.0	65.25	14.579	
13,680.0	10,544.2	12,845.0	9,597.2	42.3	40.4	3.77	3,118.2	1,530.6	952.8	886.6	66.15	14.403	
13,700.0	10,544.3	12,861.0	9,596.8	42.4	40.5	3.72	3,134.2	1,529.7	953.3	887.0	66.38	14.363	
13,775.0	10,544.6	12,921.8	9,594.5	42.7	40.8	3.52	3,194.9	1,526.3	956.2	889.0	67.22	14.225	
13,800.0	10,544.6	12,955.2	9,593.2	42.8	41.0	3.41	3,228.2	1,524.6	957.2	889.7	67.54	14.173	
13,870.0	10,544.9	13,036.6	9,591.1	43.2	41.5	3.23	3,309.5	1,521.5	959.0	890.6	68.41	14.019	
13,900.0	10,545.0	13,062.5	9,590.5	43.3	41.7	3.17	3,335.3	1,520.5	959.8	891.1	68.76	13.958	
13,965.0	10,545.3	13,123.6	9,588.5	43.6	42.0	3.02	3,396.3	1,517.8	962.0	892.4	69.54	13.833	
14,000.0	10,545.4	13,169.6	9,587.4	43.8	42.3	2.89	3,442.4	1,515.7	962.9	892.9	70.00	13.756	
14,060.0	10,545.7	13,246.1	9,586.5	44.1	42.8	2.71	3,518.8	1,512.5	963.7	892.9	70.78	13.615	
14,100.0	10,545.8	13,295.8	9,586.7	44.2	43.1	2.66	3,568.5	1,511.5	963.6	892.3	71.31	13.514	
14,155.0	10,546.0	13,361.2	9,587.7	44.5	43.5	2.64	3,633.8	1,511.0	963.0	891.0	72.03	13.369	
14,200.0	10,546.2	13,417.4	9,589.1	44.7	43.8	2.61	3,690.0	1,510.4	962.1	889.4	72.63	13.246	
14,250.0	10,546.4	13,484.5	9,591.8	45.0	44.3	2.59	3,757.0	1,509.8	960.2	886.9	73.30	13.100	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
14,300.0	10,546.6	13,568.3	9,597.4	45.2	44.8	2.56	3,840.6	1,508.9	957.1	883.1	73.95	12.943	
14,345.0	10,546.7	13,613.0	9,601.3	45.5	45.1	2.54	3,885.2	1,508.3	953.3	878.7	74.54	12.790	
14,400.0	10,547.0	13,659.3	9,605.1	45.7	45.4	2.53	3,931.4	1,507.9	949.1	873.8	75.26	12.610	
14,440.0	10,547.1	13,696.1	9,607.8	45.9	45.6	2.53	3,968.0	1,507.7	946.3	870.5	75.79	12.485	
14,500.0	10,547.3	13,756.1	9,612.1	46.2	46.0	2.51	4,027.8	1,507.0	942.2	865.6	76.58	12.302	
14,535.0	10,547.5	13,790.6	9,614.6	46.4	46.2	2.49	4,062.2	1,506.4	939.7	862.7	77.05	12.197	
14,600.0	10,547.7	13,854.0	9,619.1	46.7	46.6	2.46	4,125.5	1,505.6	935.3	857.4	77.91	12.005	
14,630.0	10,547.8	13,884.4	9,621.2	46.9	46.8	2.45	4,155.8	1,505.3	933.3	855.0	78.31	11.918	
14,700.0	10,548.1	13,957.2	9,626.5	47.3	47.3	2.43	4,228.4	1,504.6	928.5	849.3	79.25	11.716	
14,725.0	10,548.2	13,959.0	9,626.7	47.4	47.3	2.43	4,230.2	1,504.6	927.0	847.4	79.59	11.648	
14,800.0	10,548.5	14,015.2	9,629.5	47.8	47.7	2.38	4,286.3	1,503.6	923.6	843.1	80.58	11.463	
14,820.0	10,548.6	14,026.7	9,629.8	47.9	47.7	2.37	4,297.8	1,503.3	923.2	842.4	80.83	11.422	
14,862.3	10,548.7	14,054.0	9,630.0	48.1	47.9	2.32	4,325.1	1,502.5	923.0	841.6	81.37	11.343	
14,900.0	10,548.9	14,092.7	9,630.0	48.3	48.2	2.23	4,363.8	1,500.9	923.1	841.2	81.87	11.275	
14,915.0	10,548.9	14,110.7	9,630.1	48.4	48.3	2.17	4,381.7	1,500.0	923.0	840.9	82.07	11.247	
15,000.0	10,549.3	14,198.0	9,631.0	48.9	48.9	1.87	4,468.9	1,494.9	922.3	839.1	83.19	11.086	
15,010.0	10,549.3	14,207.2	9,631.1	48.9	49.0	1.84	4,478.1	1,494.3	922.2	838.9	83.33	11.068	
15,087.6	10,549.6	14,279.6	9,631.4	49.4	49.4	1.58	4,550.3	1,490.0	922.0	837.7	84.34	10.932	
15,100.0	10,549.7	14,291.3	9,631.4	49.4	49.5	1.53	4,562.0	1,489.3	922.0	837.5	84.50	10.911	
15,105.0	10,549.7	14,296.0	9,631.5	49.4	49.6	1.52	4,566.7	1,489.0	922.0	837.5	84.57	10.903	
15,200.0	10,550.0	14,368.0	9,631.1	50.0	50.0	1.29	4,638.7	1,485.1	922.9	837.2	85.76	10.762	
15,295.0	10,550.4	14,432.0	9,628.1	50.5	50.5	1.15	4,702.5	1,482.8	927.4	840.5	86.89	10.674	
15,300.0	10,550.4	14,432.0	9,628.1	50.5	50.5	1.15	4,702.5	1,482.8	927.7	840.8	86.92	10.673	
15,390.0	10,550.8	14,518.1	9,622.4	51.0	51.1	0.98	4,788.4	1,480.1	934.0	845.9	88.12	10.600	
15,400.0	10,550.8	14,528.3	9,621.7	51.1	51.2	0.96	4,798.5	1,479.7	934.7	846.4	88.25	10.591	
15,485.0	10,551.1	14,610.8	9,616.2	51.6	51.7	0.78	4,880.8	1,476.6	940.6	851.3	89.39	10.523	
15,500.0	10,551.2	14,630.2	9,614.9	51.7	51.9	0.73	4,900.2	1,475.9	941.7	852.1	89.62	10.507	
15,580.0	10,551.5	14,779.3	9,611.8	52.1	52.9	0.63	5,049.2	1,473.9	943.3	852.2	91.07	10.358	
15,600.0	10,551.6	14,808.0	9,612.3	52.2	53.1	0.61	5,077.8	1,473.5	943.1	851.7	91.37	10.321	
15,675.0	10,551.9	14,885.7	9,613.9	52.7	53.7	0.54	5,155.6	1,472.2	941.7	849.3	92.43	10.189	
15,700.0	10,552.0	14,911.6	9,614.5	52.8	53.9	0.51	5,181.4	1,471.6	941.2	848.5	92.78	10.145	
15,770.0	10,552.2	14,986.5	9,616.5	53.2	54.4	0.40	5,256.2	1,469.6	939.7	845.9	93.76	10.022	
15,800.0	10,552.3	15,022.1	9,617.6	53.4	54.7	0.34	5,291.8	1,468.4	938.9	844.7	94.19	9.968	
15,865.0	10,552.6	15,104.8	9,621.2	53.8	55.3	0.17	5,374.4	1,465.6	936.2	841.1	95.11	9.844	
15,900.0	10,552.7	15,137.2	9,622.8	54.0	55.5	0.10	5,406.7	1,464.4	934.6	839.0	95.60	9.776	
15,960.0	10,553.0	15,190.0	9,625.5	54.3	55.9	-0.02	5,459.4	1,462.2	931.8	835.4	96.44	9.663	
16,000.0	10,553.1	15,228.1	9,627.3	54.6	56.1	-0.12	5,497.5	1,460.5	930.2	833.2	97.00	9.590	
16,055.0	10,553.3	15,273.3	9,628.9	54.9	56.5	-0.25	5,542.6	1,458.4	928.4	830.6	97.76	9.497	
16,100.0	10,553.5	15,304.7	9,629.7	55.2	56.7	-0.33	5,573.9	1,457.0	927.5	829.1	98.37	9.429	
16,131.3	10,553.6	15,324.8	9,629.9	55.3	56.8	-0.36	5,594.0	1,456.4	927.3	828.5	98.78	9.387	
16,150.0	10,553.7	15,336.8	9,629.9	55.5	56.9	-0.37	5,606.0	1,456.2	927.4	828.3	99.02	9.365	
16,200.0	10,553.9	15,380.0	9,629.2	55.8	57.2	-0.36	5,649.2	1,456.4	928.3	828.6	99.71	9.310	
16,245.0	10,554.1	15,401.7	9,628.4	56.0	57.4	-0.33	5,670.8	1,456.8	929.7	829.5	100.23	9.276	
16,300.0	10,554.3	15,444.7	9,626.6	56.4	57.7	-0.26	5,713.8	1,457.8	932.3	831.3	100.94	9.235	
16,340.0	10,554.4	15,475.0	9,625.0	56.6	57.9	-0.21	5,744.1	1,458.6	934.5	833.1	101.45	9.212	
16,400.0	10,554.7	15,519.6	9,622.0	57.0	58.3	-0.12	5,788.5	1,459.8	938.8	836.6	102.18	9.187	
16,435.0	10,554.8	15,545.0	9,620.0	57.2	58.5	-0.07	5,813.9	1,460.6	941.7	839.1	102.60	9.179	
16,500.0	10,555.0	15,639.0	9,614.0	57.6	59.2	0.09	5,907.6	1,463.0	945.9	842.1	103.81	9.112	
16,530.0	10,555.2	15,692.9	9,612.0	57.8	59.6	0.16	5,961.4	1,464.1	947.1	842.7	104.42	9.070	
16,600.0	10,555.4	15,738.7	9,610.1	58.2	59.9	0.21	6,007.2	1,464.8	950.3	845.0	105.26	9.028	
16,625.0	10,555.5	15,760.0	9,608.8	58.3	60.1	0.24	6,028.4	1,465.2	951.9	846.3	105.60	9.014	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
16,700.0	10,555.8	15,974.5	9,614.3	58.8	61.7	0.26	6,242.6	1,465.2	948.7	841.6	107.03	8.864	
16,720.0	10,555.9	15,990.4	9,615.7	58.9	61.8	0.25	6,258.5	1,464.9	947.0	839.7	107.33	8.823	
16,800.0	10,556.2	16,044.0	9,619.8	59.4	62.2	0.20	6,311.9	1,464.0	941.4	832.8	108.55	8.672	
16,815.0	10,556.3	16,061.9	9,621.0	59.5	62.3	0.19	6,329.7	1,463.6	940.4	831.7	108.76	8.647	
16,900.0	10,556.6	16,116.1	9,623.3	60.0	62.7	0.15	6,383.9	1,462.9	937.1	827.1	109.99	8.520	
16,906.5	10,556.6	16,120.3	9,623.4	60.1	62.8	0.15	6,388.0	1,462.9	937.0	826.9	110.08	8.511	
16,910.0	10,556.6	16,139.0	9,623.7	60.1	62.9	0.14	6,406.8	1,462.8	937.1	827.0	110.15	8.508	
17,000.0	10,557.0	16,260.2	9,630.5	60.7	63.8	-0.01	6,527.7	1,460.0	932.4	821.0	111.41	8.369	
17,005.0	10,557.0	16,263.6	9,630.8	60.7	63.8	-0.02	6,531.1	1,459.8	932.1	820.6	111.49	8.360	
17,100.0	10,557.4	16,328.0	9,634.5	61.3	64.3	-0.14	6,595.4	1,457.8	927.1	814.2	112.91	8.211	
17,195.0	10,557.7	16,413.5	9,637.5	61.9	65.0	-0.27	6,680.7	1,455.5	924.1	809.8	114.28	8.086	
17,200.0	10,557.7	16,422.0	9,637.7	61.9	65.0	-0.28	6,689.3	1,455.3	924.0	809.7	114.36	8.080	
17,290.0	10,558.1	16,499.9	9,639.6	62.5	65.6	-0.37	6,767.1	1,453.7	922.2	806.6	115.65	7.974	
17,300.0	10,558.1	16,509.0	9,639.7	62.6	65.7	-0.38	6,776.2	1,453.5	922.1	806.3	115.80	7.963	
17,348.4	10,558.3	16,543.9	9,640.2	62.9	66.0	-0.40	6,811.1	1,453.0	921.7	805.2	116.47	7.913	
17,385.0	10,558.5	16,568.7	9,640.1	63.1	66.2	-0.42	6,835.9	1,452.7	921.9	804.9	116.96	7.882	
17,400.0	10,558.5	16,578.8	9,640.0	63.2	66.2	-0.42	6,846.0	1,452.6	922.1	805.0	117.15	7.871	
17,480.0	10,558.8	16,708.8	9,639.7	63.7	67.2	-0.45	6,976.0	1,451.8	923.4	805.0	118.47	7.795	
17,500.0	10,558.9	16,723.3	9,640.2	63.9	67.3	-0.46	6,990.5	1,451.8	922.8	804.0	118.76	7.770	
17,575.0	10,559.2	16,785.5	9,641.9	64.3	67.8	-0.46	7,052.6	1,451.6	921.0	801.2	119.85	7.685	
17,600.0	10,559.3	16,801.0	9,642.1	64.5	67.9	-0.46	7,068.1	1,451.6	920.7	800.5	120.19	7.660	
17,633.4	10,559.4	16,828.9	9,642.4	64.7	68.2	-0.45	7,096.1	1,451.6	920.5	799.8	120.67	7.628	
17,670.0	10,559.5	16,854.7	9,642.4	64.9	68.4	-0.46	7,121.8	1,451.5	920.7	799.6	121.17	7.599	
17,700.0	10,559.7	16,875.8	9,642.1	65.1	68.5	-0.46	7,143.0	1,451.4	921.2	799.7	121.56	7.578	
17,765.0	10,559.9	16,938.7	9,640.7	65.6	69.0	-0.47	7,205.8	1,451.1	923.0	800.5	122.51	7.534	
17,800.0	10,560.0	16,979.9	9,640.0	65.8	69.3	-0.47	7,247.0	1,450.9	923.7	800.6	123.06	7.506	
17,860.0	10,560.3	17,066.5	9,640.0	66.2	70.0	-0.48	7,333.6	1,450.6	923.9	799.9	124.06	7.447	
17,900.0	10,560.4	17,112.7	9,641.0	66.4	70.4	-0.50	7,379.8	1,450.2	923.2	798.5	124.66	7.406	
17,955.0	10,560.6	17,167.4	9,642.2	66.8	70.8	-0.50	7,434.5	1,450.0	922.2	796.7	125.48	7.349	
18,000.0	10,560.8	17,212.2	9,643.2	67.1	71.1	-0.50	7,479.3	1,450.0	921.4	795.2	126.15	7.304	
18,050.0	10,561.0	17,262.0	9,644.3	67.4	71.5	-0.50	7,529.1	1,449.8	920.5	793.6	126.89	7.254	
18,100.0	10,561.2	17,312.9	9,645.4	67.7	71.9	-0.51	7,579.9	1,449.6	919.6	791.9	127.64	7.205	
18,145.0	10,561.4	17,359.0	9,646.5	68.0	72.3	-0.52	7,626.0	1,449.3	918.7	790.4	128.31	7.160	
18,200.0	10,561.6	17,414.0	9,647.8	68.4	72.7	-0.54	7,681.0	1,448.9	917.6	788.5	129.13	7.106	
18,240.0	10,561.7	17,453.9	9,648.8	68.7	73.0	-0.57	7,720.9	1,448.3	916.8	787.1	129.72	7.067	
18,300.0	10,562.0	17,505.6	9,649.8	69.1	73.4	-0.63	7,772.6	1,447.2	915.8	785.2	130.60	7.013	
18,335.0	10,562.1	17,535.1	9,650.1	69.3	73.7	-0.68	7,802.1	1,446.4	915.6	784.5	131.10	6.984	
18,368.5	10,562.2	17,563.3	9,650.3	69.5	73.9	-0.73	7,830.3	1,445.6	915.5	783.9	131.58	6.958	
18,400.0	10,562.4	17,589.9	9,650.3	69.7	74.1	-0.78	7,856.9	1,444.7	915.6	783.6	132.02	6.935	
18,430.0	10,562.5	17,615.3	9,650.2	69.9	74.3	-0.84	7,882.2	1,443.7	915.9	783.4	132.44	6.915	
18,500.0	10,562.7	17,675.5	9,649.5	70.4	74.8	-1.01	7,942.3	1,440.8	917.1	783.7	133.42	6.874	
18,525.0	10,562.8	17,697.6	9,649.0	70.6	74.9	-1.07	7,964.4	1,439.8	917.7	783.9	133.77	6.860	
18,600.0	10,563.1	17,765.3	9,647.3	71.1	75.5	-1.25	8,032.0	1,436.7	919.9	785.1	134.82	6.823	
18,620.0	10,563.2	17,784.3	9,646.8	71.2	75.6	-1.30	8,051.0	1,435.9	920.6	785.5	135.11	6.814	
18,700.0	10,563.5	17,858.6	9,644.4	71.7	76.2	-1.50	8,125.2	1,432.4	923.5	787.3	136.24	6.779	
18,715.0	10,563.6	17,871.7	9,643.9	71.8	76.3	-1.52	8,138.3	1,431.9	924.1	787.7	136.45	6.773	
18,800.0	10,563.9	17,947.9	9,640.6	72.4	76.9	-1.57	8,214.4	1,431.0	928.2	790.6	137.63	6.744	
18,810.0	10,563.9	17,958.0	9,640.1	72.5	77.0	-1.56	8,224.5	1,431.0	928.8	791.0	137.78	6.741	
18,900.0	10,564.3	18,049.3	9,635.7	73.1	77.7	-1.53	8,315.7	1,431.2	933.4	794.2	139.15	6.708	
18,905.0	10,564.3	18,054.6	9,635.5	73.1	77.8	-1.53	8,320.9	1,431.2	933.6	794.4	139.22	6.706	
19,000.0	10,564.7	18,160.6	9,631.0	73.7	78.6	-1.47	8,426.9	1,431.8	938.0	797.3	140.76	6.664	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
19,095.0	10,565.0	18,276.5	9,628.3	74.4	79.5	-1.30	8,542.7	1,434.3	940.5	798.2	142.35	6.607	
19,100.0	10,565.1	18,282.4	9,628.3	74.4	79.6	-1.29	8,548.6	1,434.4	940.6	798.2	142.43	6.604	
19,190.0	10,565.4	18,397.6	9,628.3	75.0	80.5	-1.10	8,663.7	1,437.3	940.9	797.0	143.90	6.538	
19,200.0	10,565.4	18,410.8	9,628.6	75.1	80.6	-1.08	8,676.9	1,437.6	940.7	796.7	144.06	6.530	
19,285.0	10,565.8	18,501.8	9,630.5	75.7	81.3	-0.99	8,767.9	1,438.9	939.2	793.8	145.36	6.461	
19,300.0	10,565.8	18,515.0	9,630.8	75.8	81.4	-0.98	8,781.1	1,439.0	938.9	793.3	145.58	6.449	
19,380.0	10,566.1	18,586.0	9,632.1	76.3	82.0	-0.90	8,852.1	1,440.2	937.7	790.9	146.78	6.389	
19,400.0	10,566.2	18,604.3	9,632.3	76.5	82.2	-0.86	8,870.3	1,440.7	937.5	790.5	147.08	6.374	
19,475.0	10,566.5	18,675.5	9,633.0	77.0	82.7	-0.75	8,941.5	1,442.4	937.1	788.9	148.21	6.323	
19,500.0	10,566.6	18,699.7	9,633.2	77.1	82.9	-0.72	8,965.7	1,442.9	937.0	788.4	148.59	6.306	
19,570.0	10,566.9	18,769.8	9,633.7	77.6	83.5	-0.59	9,035.8	1,444.8	936.8	787.1	149.65	6.259	
19,600.0	10,567.0	18,801.2	9,633.9	77.8	83.7	-0.52	9,067.2	1,445.9	936.6	786.5	150.12	6.239	
19,665.0	10,567.2	18,871.7	9,634.7	78.3	84.3	-0.34	9,137.7	1,448.6	936.1	785.0	151.13	6.194	
19,700.0	10,567.4	18,906.5	9,635.2	78.5	84.6	-0.24	9,172.4	1,450.2	935.8	784.1	151.67	6.170	
19,760.0	10,567.6	18,964.7	9,636.0	78.9	85.0	-0.06	9,230.5	1,453.1	935.2	782.6	152.58	6.129	
19,800.0	10,567.7	18,999.6	9,636.3	79.2	85.3	0.06	9,265.4	1,455.0	935.0	781.8	153.19	6.103	
19,817.4	10,567.8	19,014.4	9,636.4	79.3	85.4	0.12	9,280.1	1,455.8	934.9	781.5	153.44	6.093	
19,855.0	10,568.0	19,046.2	9,636.4	79.6	85.7	0.23	9,311.9	1,457.6	935.1	781.1	154.00	6.072	
19,900.0	10,568.1	19,084.7	9,636.2	79.9	86.0	0.38	9,350.3	1,460.0	935.5	780.8	154.66	6.049	
19,950.0	10,568.3	19,128.0	9,635.7	80.2	86.4	0.55	9,393.5	1,462.7	936.3	781.0	155.39	6.026	
20,000.0	10,568.5	19,172.0	9,634.8	80.6	86.7	0.74	9,437.5	1,465.6	937.5	781.4	156.12	6.005	
20,045.0	10,568.7	19,214.6	9,633.8	80.9	87.1	0.90	9,480.0	1,468.2	938.8	782.0	156.80	5.987	
20,100.0	10,568.9	19,274.2	9,632.3	81.3	87.5	1.08	9,539.4	1,471.1	940.5	782.8	157.68	5.964	
20,140.0	10,569.1	19,344.1	9,632.0	81.5	88.1	1.23	9,609.3	1,473.4	940.9	782.4	158.44	5.938	
20,200.0	10,569.3	19,406.2	9,632.9	81.9	88.6	1.32	9,671.4	1,474.6	940.3	780.9	159.37	5.900	
20,235.0	10,569.4	19,440.1	9,633.3	82.2	88.9	1.36	9,705.3	1,475.3	940.0	780.1	159.90	5.878	
20,300.0	10,569.7	19,503.1	9,634.0	82.6	89.4	1.44	9,768.2	1,476.5	939.5	778.6	160.89	5.839	
20,330.0	10,569.8	19,532.1	9,634.3	82.8	89.6	1.48	9,797.3	1,477.0	939.3	778.0	161.35	5.822	
20,400.0	10,570.1	19,601.1	9,634.9	83.3	90.2	1.58	9,866.3	1,478.5	939.1	776.6	162.41	5.782	
20,425.0	10,570.2	19,625.9	9,635.1	83.5	90.4	1.62	9,891.0	1,479.1	939.0	776.2	162.80	5.768	
20,500.0	10,570.4	19,713.5	9,636.3	84.0	91.1	1.72	9,978.6	1,480.5	938.3	774.3	163.97	5.722	
20,520.0	10,570.5	19,737.5	9,636.8	84.2	91.3	1.74	10,002.6	1,480.7	937.9	773.6	164.28	5.709	
20,600.0	10,570.8	19,810.1	9,638.3	84.7	91.9	1.77	10,075.2	1,481.0	936.6	771.1	165.49	5.659	
20,615.0	10,570.9	19,823.9	9,638.6	84.8	92.0	1.77	10,089.0	1,481.0	936.4	770.7	165.72	5.651	
20,700.0	10,571.2	19,902.4	9,639.5	85.4	92.6	1.78	10,167.5	1,481.0	935.7	768.7	167.00	5.603	
20,710.0	10,571.2	19,911.6	9,639.6	85.5	92.7	1.78	10,176.7	1,480.9	935.6	768.5	167.15	5.598	
20,742.0	10,571.4	19,939.7	9,639.8	85.7	92.9	1.78	10,204.8	1,480.8	935.6	767.9	167.62	5.581	
20,800.0	10,571.6	19,988.9	9,639.7	86.1	93.3	1.77	10,254.0	1,480.6	935.8	767.4	168.47	5.555	
20,805.0	10,571.6	19,993.1	9,639.7	86.2	93.4	1.77	10,258.2	1,480.6	935.9	767.3	168.54	5.553	
20,900.0	10,572.0	20,077.0	9,638.6	86.8	94.0	1.74	10,342.1	1,479.9	937.5	767.5	169.92	5.517	
20,995.0	10,572.3	20,198.7	9,637.3	87.5	95.0	1.64	10,463.7	1,478.1	939.0	767.5	171.48	5.476	
21,000.0	10,572.4	20,206.4	9,637.4	87.5	95.1	1.64	10,471.5	1,478.0	938.9	767.4	171.56	5.473	
21,072.3	10,572.6	20,270.0	9,637.9	88.0	95.6	1.60	10,535.1	1,477.3	938.6	765.9	172.64	5.437	
21,090.0	10,572.7	20,285.5	9,638.0	88.1	95.7	1.59	10,550.6	1,477.1	938.6	765.7	172.90	5.429	
21,100.0	10,572.8	20,294.3	9,638.0	88.2	95.8	1.59	10,559.3	1,477.0	938.6	765.6	173.05	5.424	
21,185.0	10,573.1	20,392.7	9,638.6	88.8	96.6	1.54	10,657.7	1,476.0	938.5	764.1	174.38	5.382	
21,200.0	10,573.1	20,408.7	9,638.8	88.9	96.8	1.54	10,673.7	1,475.9	938.3	763.7	174.61	5.374	
21,280.0	10,573.4	20,491.1	9,640.2	89.5	97.4	1.52	10,756.1	1,475.5	937.2	761.4	175.83	5.330	
21,300.0	10,573.5	20,511.6	9,640.6	89.6	97.6	1.52	10,776.6	1,475.4	937.0	760.8	176.14	5.319	
21,375.0	10,573.8	20,586.0	9,642.0	90.2	98.2	1.51	10,851.0	1,474.9	935.8	758.5	177.28	5.278	
21,400.0	10,573.9	20,607.2	9,642.4	90.3	98.4	1.50	10,872.2	1,474.8	935.4	757.8	177.66	5.265	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
21,442.0	10,574.1	20,639.8	9,642.7	90.6	98.6	1.49	10,904.8	1,474.5	935.2	757.0	178.28	5.246	
21,470.0	10,574.2	20,661.5	9,642.7	90.8	98.8	1.48	10,926.5	1,474.4	935.3	756.6	178.68	5.235	
21,500.0	10,574.3	20,687.1	9,642.5	91.0	99.0	1.47	10,952.1	1,474.2	935.6	756.5	179.11	5.224	
21,565.0	10,574.5	20,770.3	9,642.7	91.5	99.7	1.46	11,035.3	1,473.8	935.7	755.6	180.17	5.193	
21,600.0	10,574.7	20,807.8	9,643.2	91.7	100.0	1.46	11,072.8	1,473.7	935.4	754.7	180.71	5.176	
21,660.0	10,574.9	20,870.3	9,644.2	92.2	100.5	1.47	11,135.2	1,473.7	934.7	753.0	181.64	5.146	
21,700.0	10,575.1	20,916.5	9,645.1	92.4	100.9	1.48	11,181.5	1,473.8	934.0	751.7	182.25	5.125	
21,755.0	10,575.3	20,981.9	9,647.1	92.8	101.4	1.53	11,246.9	1,474.4	932.6	749.5	183.09	5.094	
21,800.0	10,575.4	21,040.6	9,649.6	93.2	101.9	1.58	11,305.4	1,474.9	930.9	747.1	183.74	5.066	
21,850.0	10,575.6	21,099.0	9,652.8	93.5	102.4	1.60	11,363.8	1,475.1	928.3	743.8	184.46	5.032	
21,900.0	10,575.8	21,154.1	9,656.2	93.9	102.8	1.58	11,418.7	1,474.6	925.4	740.2	185.19	4.997	
21,945.0	10,576.0	21,197.7	9,659.0	94.2	103.2	1.55	11,462.3	1,473.9	922.7	736.8	185.89	4.964	
22,000.0	10,576.2	21,252.0	9,662.3	94.6	103.6	1.51	11,516.5	1,473.1	919.5	732.8	186.73	4.924	
22,040.0	10,576.4	21,289.3	9,664.5	94.9	103.9	1.48	11,553.7	1,472.5	917.3	729.9	187.36	4.896	
22,100.0	10,576.6	21,347.2	9,667.9	95.3	104.4	1.45	11,611.5	1,471.8	914.0	725.7	188.29	4.854	
22,135.0	10,576.7	21,385.3	9,670.1	95.5	104.7	1.43	11,649.6	1,471.2	912.1	723.3	188.80	4.831	
22,200.0	10,577.0	21,454.8	9,674.5	96.0	105.3	1.35	11,718.9	1,469.7	908.2	718.4	189.76	4.786	
22,230.0	10,577.1	21,484.4	9,676.5	96.2	105.5	1.30	11,748.4	1,468.9	906.3	716.1	190.22	4.765	
22,300.0	10,577.4	21,555.3	9,681.1	96.7	106.1	1.19	11,819.2	1,466.8	902.0	710.7	191.27	4.716	
22,325.0	10,577.5	21,582.7	9,682.9	96.9	106.3	1.14	11,846.4	1,466.0	900.4	708.8	191.63	4.699	
22,400.0	10,577.8	21,659.2	9,688.4	97.4	107.0	1.01	11,922.7	1,463.7	895.3	702.5	192.76	4.645	
22,420.0	10,577.8	21,677.4	9,689.6	97.6	107.1	0.98	11,940.9	1,463.1	894.0	700.9	193.08	4.630	
22,500.0	10,578.1	21,749.7	9,694.3	98.1	107.7	0.84	12,013.0	1,460.7	889.1	694.7	194.36	4.574	
22,515.0	10,578.2	21,763.0	9,695.1	98.2	107.8	0.81	12,026.2	1,460.3	888.2	693.6	194.60	4.564	
22,593.5	10,578.5	21,832.9	9,698.8	98.8	108.4	0.70	12,096.0	1,458.3	884.3	688.5	195.84	4.515	
22,600.0	10,578.5	21,838.8	9,699.1	98.9	108.4	0.69	12,101.9	1,458.1	884.0	688.1	195.95	4.512	
22,610.0	10,578.6	21,847.9	9,699.5	98.9	108.5	0.67	12,111.0	1,457.9	883.6	687.5	196.10	4.506	
22,700.0	10,578.9	21,915.0	9,702.6	99.6	109.1	0.58	12,178.0	1,456.2	880.0	682.5	197.53	4.455	
22,705.0	10,578.9	21,915.0	9,702.6	99.6	109.1	0.58	12,178.0	1,456.2	880.0	682.4	197.60	4.453	
22,715.5	10,579.0	21,915.0	9,702.6	99.7	109.1	0.58	12,178.0	1,456.2	879.9	682.2	197.73	4.450	
22,723.5	10,579.0	21,915.0	9,702.6	99.7	109.1	0.58	12,178.0	1,456.2	879.9	682.1	197.82	4.448	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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)	Rule Assigned: Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	2.5	2.5	3.0	3.0	93.45	-32.6	539.8	540.7				
95.0	95.0	96.7	96.7	3.0	3.0	93.39	-32.0	539.9	540.8	534.8	6.02	89.870	
100.0	100.0	101.6	101.6	3.0	3.0	93.38	-31.9	539.9	540.8	534.8	6.02	89.828	
190.0	190.0	192.3	192.2	3.1	3.0	93.24	-30.6	540.0	540.9	534.8	6.13	88.275	
200.0	200.0	202.2	202.2	3.1	3.0	93.22	-30.4	540.1	540.9	534.8	6.14	88.029	
285.0	285.0	287.9	287.9	3.3	3.0	93.04	-28.7	540.1	540.8	534.6	6.25	86.596	
300.0	300.0	302.8	302.7	3.3	3.0	93.01	-28.4	540.1	540.8	534.6	6.27	86.314	
380.0	380.0	385.1	385.0	3.4	3.0	92.89	-27.3	539.9	540.6	534.2	6.36	85.008	
400.0	400.0	405.9	405.9	3.4	3.0	92.88	-27.1	539.8	540.5	534.1	6.38	84.654	
475.0	475.0	486.6	486.6	3.5	3.0	92.84	-26.8	538.9	539.6	533.1	6.47	83.367	
500.0	500.0	513.6	513.5	3.5	3.0	92.84	-26.7	538.4	539.2	532.7	6.50	82.896	
570.0	570.0	594.5	594.4	3.6	3.1	92.83	-26.5	535.9	537.0	530.4	6.59	81.524	
600.0	600.0	626.7	626.6	3.6	3.1	92.83	-26.4	534.5	535.7	529.1	6.62	80.865	
665.0	665.0	692.6	692.4	3.7	3.1	92.85	-26.4	531.3	532.6	525.9	6.70	79.438	
700.0	700.0	725.0	724.8	3.8	3.1	92.86	-26.4	529.8	531.0	524.2	6.75	78.667	
760.0	760.0	780.9	780.7	3.8	3.1	92.87	-26.4	527.7	528.7	521.9	6.83	77.463	
800.0	800.0	819.2	818.9	3.9	3.1	92.88	-26.5	526.5	527.4	520.5	6.88	76.685	
855.0	855.0	875.0	874.7	4.0	3.1	92.89	-26.5	524.6	525.5	518.6	6.95	75.642	
900.0	900.0	921.1	920.7	4.0	3.1	92.90	-26.5	522.9	523.9	516.9	7.01	74.775	
950.0	950.0	970.0	969.6	4.1	3.2	92.95	-26.9	521.3	522.3	515.2	7.07	73.856	
1,000.0	1,000.0	1,019.0	1,018.6	4.1	3.2	93.18	-28.9	519.7	520.7	513.6	7.13	72.989	
1,045.0	1,045.0	1,064.8	1,064.3	4.2	3.2	93.46	-31.3	518.1	519.3	512.1	7.19	72.239	
1,100.0	1,100.0	1,120.8	1,120.1	4.2	3.2	93.80	-34.3	516.0	517.4	510.2	7.26	71.308	
1,140.0	1,140.0	1,159.7	1,158.9	4.3	3.2	94.05	-36.4	514.6	516.1	508.8	7.30	70.654	
1,200.0	1,200.0	1,220.2	1,219.3	4.4	3.2	94.43	-39.7	512.4	514.2	506.8	7.38	69.688	
1,235.0	1,235.0	1,254.4	1,253.5	4.4	3.2	94.65	-41.6	511.1	513.1	505.7	7.42	69.136	
1,300.0	1,300.0	1,310.5	1,309.4	4.5	3.2	95.08	-45.3	509.6	511.7	504.2	7.50	68.249	
1,330.0	1,330.0	1,340.0	1,338.9	4.5	3.2	95.33	-47.5	509.1	511.3	503.8	7.53	67.894	
1,400.0	1,400.0	1,409.9	1,408.5	4.6	3.3	95.92	-52.6	507.6	510.4	502.8	7.61	67.056	
1,425.0	1,425.0	1,435.3	1,433.9	4.6	3.3	96.14	-54.5	507.1	510.1	502.4	7.64	66.769	
1,500.0	1,500.0	1,512.0	1,510.3	4.7	3.3	96.79	-60.2	505.5	509.1	501.4	7.73	65.901	
1,520.0	1,520.0	1,532.7	1,530.9	4.7	3.3	3.92	-61.7	505.0	508.7	501.0	7.77	65.478	
1,600.0	1,600.0	1,614.7	1,612.7	4.8	3.3	4.61	-67.3	502.7	505.6	497.6	7.95	63.594	
1,615.0	1,615.0	1,629.8	1,627.8	4.8	3.3	4.74	-68.3	502.3	504.7	496.7	8.00	63.118	
1,700.0	1,699.8	1,715.3	1,713.0	5.0	3.4	5.45	-73.7	499.7	498.3	490.0	8.26	60.292	
1,710.0	1,709.8	1,725.3	1,723.1	5.0	3.4	5.54	-74.3	499.4	497.3	489.0	8.30	59.946	
1,800.0	1,799.5	1,800.0	1,797.6	5.2	3.4	6.22	-79.1	497.5	488.2	479.6	8.58	56.868	
1,805.0	1,804.4	1,805.3	1,802.8	5.2	3.4	6.27	-79.5	497.5	487.7	479.1	8.60	56.702	
1,900.0	1,898.7	1,893.3	1,890.6	5.5	3.4	7.12	-85.3	498.0	477.7	468.8	8.91	53.601	
1,995.0	1,992.5	1,981.6	1,978.7	5.8	3.5	8.00	-90.8	499.6	465.8	456.5	9.24	50.433	
2,000.0	1,997.5	1,986.5	1,983.6	5.9	3.5	8.05	-91.1	499.7	465.1	455.8	9.25	50.265	
2,090.0	2,085.8	2,075.1	2,072.1	6.2	3.5	9.01	-96.5	502.0	451.6	442.0	9.58	47.161	
2,100.0	2,095.6	2,085.0	2,082.0	6.2	3.5	9.12	-97.1	502.2	449.9	440.3	9.61	46.808	
2,185.0	2,178.5	2,164.9	2,161.7	6.5	3.5	10.13	-101.9	504.3	434.5	424.5	9.93	43.748	
2,200.0	2,193.1	2,178.4	2,175.1	6.6	3.6	10.31	-102.7	504.8	431.6	421.6	9.99	43.213	
2,280.0	2,270.7	2,247.9	2,244.4	6.8	3.6	11.22	-107.1	507.9	417.2	406.9	10.24	40.736	
2,300.0	2,290.1	2,266.1	2,262.6	6.9	3.6	11.46	-108.2	508.9	413.8	403.5	10.30	40.157	
2,375.0	2,362.9	2,335.4	2,331.6	7.1	3.6	12.39	-112.6	513.5	401.9	391.3	10.56	38.075	
2,400.0	2,387.1	2,360.7	2,356.8	7.2	3.6	12.74	-114.2	515.2	398.0	387.4	10.64	37.407	
2,470.0	2,455.0	2,431.6	2,427.4	7.5	3.6	13.74	-118.5	520.0	387.1	376.2	10.89	35.550	
2,500.0	2,484.1	2,462.4	2,458.1	7.6	3.7	14.19	-120.3	521.9	382.3	371.3	11.00	34.769	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,565.0	2,547.2	2,529.2	2,524.7	7.8	3.7	15.13	-123.7	525.8	371.6	360.4	11.23	33.078	
2,600.0	2,581.2	2,564.5	2,559.9	7.9	3.7	15.64	-125.3	527.7	365.7	354.3	11.36	32.184	
2,660.0	2,639.4	2,624.2	2,619.4	8.2	3.7	16.52	-127.9	530.8	355.5	343.9	11.59	30.675	
2,700.0	2,678.2	2,663.2	2,658.4	8.3	3.7	17.11	-129.6	532.9	348.7	337.0	11.74	29.703	
2,755.0	2,731.6	2,717.3	2,712.3	8.5	3.8	17.96	-131.8	535.8	339.4	327.5	11.95	28.401	
2,800.0	2,775.2	2,761.3	2,756.2	8.7	3.8	18.68	-133.6	538.1	331.9	319.8	12.12	27.376	
2,850.0	2,823.7	2,810.4	2,805.2	8.9	3.8	19.50	-135.4	540.8	323.6	311.3	12.32	26.274	
2,900.0	2,872.3	2,860.0	2,854.7	9.1	3.8	20.35	-137.2	543.5	315.4	302.9	12.51	25.209	
2,945.0	2,915.9	2,903.8	2,898.4	9.3	3.8	21.14	-138.7	545.9	308.0	295.3	12.69	24.276	
3,000.0	2,969.3	2,957.9	2,952.5	9.5	3.9	22.15	-140.6	548.9	299.1	286.2	12.90	23.185	
3,040.0	3,008.1	2,997.1	2,991.5	9.7	3.9	22.91	-141.9	551.1	292.7	279.6	13.05	22.418	
3,100.0	3,066.3	3,055.5	3,049.8	9.9	3.9	24.13	-144.0	554.3	283.2	269.9	13.28	21.316	
3,135.0	3,100.3	3,090.9	3,085.1	10.1	3.9	25.03	-145.7	556.0	277.7	264.3	13.41	20.707	
3,200.0	3,163.3	3,154.7	3,148.7	10.3	4.0	26.94	-149.6	558.5	267.6	253.9	13.63	19.625	
3,230.0	3,192.5	3,183.6	3,177.6	10.5	4.0	27.88	-151.5	559.6	263.0	249.3	13.74	19.149	
3,300.0	3,260.4	3,252.7	3,246.5	10.8	4.1	30.22	-155.8	562.3	252.7	238.7	13.95	18.107	
3,325.0	3,284.6	3,277.0	3,270.7	10.9	4.1	31.09	-157.3	563.2	249.0	235.0	14.03	17.753	
3,400.0	3,357.4	3,350.6	3,344.2	11.2	4.1	33.87	-161.9	565.9	238.6	224.3	14.23	16.762	
3,420.0	3,376.8	3,370.5	3,364.0	11.3	4.2	34.67	-163.2	566.6	235.8	221.5	14.28	16.514	
3,500.0	3,454.4	3,449.2	3,442.5	11.6	4.2	38.00	-167.9	569.3	225.2	210.7	14.45	15.580	
3,515.0	3,469.0	3,464.3	3,457.6	11.7	4.2	38.67	-168.8	569.8	223.2	208.8	14.48	15.418	
3,600.0	3,551.5	3,548.5	3,541.6	12.1	4.3	42.60	-173.4	572.4	212.6	198.0	14.60	14.559	
3,610.0	3,561.2	3,558.1	3,551.2	12.1	4.3	43.07	-174.0	572.7	211.4	196.8	14.62	14.464	
3,700.0	3,648.5	3,646.4	3,639.3	12.5	4.4	47.61	-178.5	575.5	201.3	186.6	14.68	13.705	
3,705.0	3,653.3	3,651.3	3,644.2	12.5	4.4	47.87	-178.8	575.6	200.7	186.0	14.69	13.667	
3,800.0	3,745.5	3,743.9	3,736.6	13.0	4.5	53.13	-183.5	578.4	191.5	176.8	14.68	13.045	
3,895.0	3,837.7	3,836.7	3,829.3	13.4	4.5	58.85	-188.2	581.2	184.0	169.4	14.59	12.611	
3,900.0	3,842.6	3,841.6	3,834.1	13.4	4.5	59.15	-188.5	581.3	183.7	169.1	14.59	12.593	
3,990.0	3,929.9	3,930.0	3,922.4	13.8	4.6	64.91	-192.8	584.2	178.6	164.1	14.45	12.356	
4,000.0	3,939.6	3,939.7	3,932.1	13.9	4.6	65.56	-193.3	584.5	178.1	163.7	14.44	12.337	
4,085.0	4,022.1	4,022.5	4,014.7	14.3	4.7	71.23	-197.3	587.2	175.2	160.9	14.31	12.249	
4,100.0	4,036.6	4,037.3	4,029.5	14.3	4.7	72.26	-198.0	587.6	174.9	160.6	14.28	12.246	
4,169.7	4,104.2	4,105.1	4,097.2	14.6	4.8	76.99	-201.3	589.8	174.2	160.0	14.21	12.257 CC, ES	
4,180.0	4,114.2	4,114.8	4,106.9	14.7	4.8	77.66	-201.8	590.2	174.2	160.0	14.20	12.264	
4,200.0	4,133.6	4,133.8	4,125.9	14.8	4.8	79.00	-202.8	590.8	174.4	160.2	14.20	12.285	
4,275.0	4,206.4	4,206.9	4,198.8	15.1	4.9	84.09	-206.9	593.1	176.2	161.9	14.22	12.391	
4,300.0	4,230.7	4,231.2	4,223.0	15.2	4.9	85.75	-208.3	593.9	177.1	162.9	14.25	12.431	
4,370.0	4,298.6	4,299.7	4,291.4	15.6	5.0	90.33	-212.1	596.2	180.5	166.1	14.40	12.539	
4,400.0	4,327.7	4,329.2	4,320.8	15.7	5.0	92.26	-213.8	597.1	182.3	167.8	14.49	12.582	
4,465.0	4,390.8	4,392.5	4,384.0	16.0	5.0	96.25	-217.3	599.2	186.9	172.2	14.75	12.672	
4,500.0	4,424.7	4,426.5	4,417.9	16.2	5.1	98.29	-219.3	600.3	189.8	174.9	14.92	12.720	
4,560.0	4,482.9	4,485.2	4,476.5	16.5	5.1	101.68	-222.6	602.3	195.3	180.0	15.26	12.797	
4,600.0	4,521.8	4,524.5	4,515.7	16.6	5.2	103.84	-224.8	603.7	199.3	183.8	15.51	12.849	
4,655.0	4,575.1	4,575.0	4,566.1	16.9	5.2	106.49	-227.8	605.3	205.5	189.6	15.86	12.958	
4,700.0	4,618.8	4,615.7	4,606.7	17.1	5.3	108.68	-230.8	605.8	211.7	195.6	16.17	13.097	
4,750.0	4,667.3	4,663.2	4,654.0	17.3	5.3	111.20	-234.5	605.8	219.6	203.1	16.55	13.266	
4,800.0	4,715.8	4,711.3	4,702.0	17.6	5.4	113.58	-238.3	605.7	228.0	211.0	16.96	13.444	
4,845.0	4,759.5	4,754.8	4,745.3	17.8	5.4	115.57	-241.8	605.6	235.9	218.5	17.33	13.615	
4,900.0	4,812.8	4,808.0	4,798.3	18.0	5.5	117.85	-246.1	605.5	245.9	228.1	17.78	13.832	
4,940.0	4,851.7	4,846.7	4,836.9	18.2	5.5	119.39	-249.2	605.5	253.4	235.3	18.10	13.999	
5,000.0	4,909.9	4,906.1	4,896.1	18.5	5.6	121.61	-253.9	605.4	264.9	246.3	18.61	14.240	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	4,943.8	4,946.2	4,936.2	18.7	5.6	123.20	-256.0	604.9	271.3	252.3	18.98	14.294	
5,100.0	5,006.9	5,010.0	4,999.9	19.0	5.7	125.84	-257.8	603.7	282.6	263.0	19.58	14.434	
5,130.0	5,036.0	5,039.1	5,029.0	19.1	5.7	126.97	-258.6	603.2	288.0	268.2	19.85	14.511	
5,200.0	5,103.9	5,106.4	5,096.3	19.5	5.7	129.44	-260.5	601.9	301.0	280.5	20.46	14.715	
5,225.0	5,128.2	5,130.8	5,120.7	19.6	5.8	130.29	-261.2	601.5	305.8	285.1	20.67	14.791	
5,300.0	5,201.0	5,203.8	5,193.7	19.9	5.8	132.65	-263.2	600.2	320.4	299.1	21.31	15.035	
5,320.0	5,220.4	5,223.0	5,212.9	20.0	5.9	133.24	-263.8	599.9	324.4	302.9	21.47	15.105	
5,400.0	5,298.0	5,301.0	5,290.8	20.4	5.9	135.48	-265.9	598.6	340.6	318.4	22.13	15.392	
5,415.0	5,312.5	5,315.4	5,305.2	20.5	5.9	135.86	-266.3	598.4	343.6	321.4	22.24	15.449	
5,500.0	5,395.0	5,396.9	5,386.7	20.9	6.0	137.94	-268.7	597.1	361.4	338.5	22.90	15.785	
5,510.0	5,404.7	5,406.7	5,396.4	20.9	6.0	138.17	-269.0	597.0	363.5	340.6	22.97	15.825	
5,600.0	5,492.1	5,493.5	5,483.2	21.4	6.1	140.13	-271.5	595.7	382.9	359.2	23.64	16.194	
5,605.0	5,496.9	5,498.2	5,487.9	21.4	6.1	140.23	-271.6	595.6	383.9	360.3	23.68	16.216	
5,700.0	5,589.1	5,590.2	5,579.9	21.8	6.2	142.10	-274.4	594.3	404.8	380.4	24.36	16.613	
5,795.0	5,681.3	5,681.4	5,671.0	22.3	6.3	143.77	-277.1	592.9	426.0	401.0	25.02	17.025	
5,800.0	5,686.1	5,686.3	5,675.9	22.3	6.3	143.85	-277.2	592.8	427.2	402.1	25.06	17.046	
5,890.0	5,773.4	5,780.9	5,770.5	22.7	6.4	145.47	-279.6	591.3	447.5	421.7	25.77	17.367	
5,900.0	5,783.1	5,791.3	5,780.9	22.8	6.4	145.66	-279.6	591.2	449.6	423.7	25.84	17.397	
5,985.0	5,865.6	5,874.3	5,863.8	23.2	6.5	147.13	-279.6	590.4	467.5	441.1	26.45	17.677	
6,000.0	5,880.2	5,889.4	5,878.9	23.3	6.5	147.39	-279.6	590.3	470.7	444.2	26.56	17.725	
6,080.0	5,957.8	5,966.5	5,956.0	23.7	6.5	148.65	-279.5	589.5	487.9	460.8	27.11	18.001	
6,100.0	5,977.2	5,986.0	5,975.5	23.8	6.5	148.96	-279.4	589.3	492.3	465.0	27.24	18.069	
6,175.0	6,050.0	6,057.6	6,047.1	24.1	6.5	150.03	-279.5	588.5	508.7	481.0	27.74	18.338	
6,200.0	6,074.2	6,080.9	6,070.5	24.2	6.5	150.36	-279.5	588.3	514.3	486.4	27.90	18.433	
6,270.0	6,142.1	6,149.6	6,139.1	24.6	6.6	151.29	-279.7	587.5	529.9	501.6	28.38	18.675	
6,300.0	6,171.3	6,176.8	6,166.3	24.7	6.6	151.64	-279.8	587.2	536.7	508.2	28.56	18.795	
6,365.0	6,234.3	6,238.0	6,227.6	25.0	6.7	152.36	-280.4	586.5	551.7	522.7	28.96	19.048	
6,400.0	6,268.3	6,271.8	6,261.3	25.2	6.7	152.74	-280.8	586.0	559.8	530.6	29.19	19.181	
6,460.0	6,326.5	6,328.1	6,317.6	25.5	6.8	153.32	-281.8	585.3	573.9	544.4	29.55	19.423	
6,500.0	6,365.3	6,365.2	6,354.7	25.7	6.8	153.67	-282.6	584.8	583.4	553.7	29.78	19.590	
6,555.0	6,418.7	6,417.5	6,407.0	25.9	6.9	154.16	-283.7	583.9	596.7	566.6	30.12	19.814	
6,600.0	6,462.3	6,460.2	6,449.7	26.2	6.9	154.54	-284.6	583.2	607.7	577.3	30.39	19.997	
6,650.0	6,510.9	6,507.7	6,497.1	26.4	6.9	154.94	-285.8	582.4	619.9	589.2	30.69	20.202	
6,700.0	6,559.4	6,554.8	6,544.2	26.6	7.0	155.34	-286.8	581.4	632.3	601.3	30.98	20.408	
6,745.0	6,603.0	6,596.6	6,586.0	26.9	7.0	155.68	-287.7	580.4	643.5	612.3	31.24	20.597	
6,800.0	6,656.4	6,650.5	6,639.9	27.1	7.1	156.10	-288.9	579.1	657.3	625.7	31.59	20.810	
6,840.0	6,695.2	6,688.9	6,678.3	27.3	7.1	156.39	-289.7	578.2	667.4	635.5	31.83	20.967	
6,900.0	6,753.4	6,747.0	6,736.3	27.6	7.2	156.81	-291.1	576.9	682.5	650.3	32.19	21.199	
6,935.0	6,787.4	6,790.8	6,780.0	27.8	7.2	157.15	-291.7	576.1	691.0	658.5	32.50	21.264	
7,000.0	6,850.5	6,856.1	6,845.4	28.1	7.3	157.69	-291.5	575.3	706.3	673.4	32.92	21.455	
7,030.0	6,879.6	6,882.8	6,872.1	28.2	7.3	157.91	-291.4	574.9	713.4	680.4	33.09	21.563	
7,100.0	6,947.5	6,949.8	6,939.0	28.6	7.3	158.41	-291.6	573.9	730.3	696.8	33.51	21.793	
7,125.0	6,971.7	6,972.4	6,961.6	28.7	7.3	158.57	-291.8	573.5	736.3	702.7	33.65	21.882	
7,200.0	7,044.5	7,044.5	7,033.8	29.1	7.4	159.05	-292.4	572.4	754.6	720.5	34.10	22.126	
7,220.0	7,063.9	7,063.6	7,052.8	29.2	7.4	159.17	-292.6	572.1	759.5	725.2	34.22	22.192	
7,300.0	7,141.5	7,175.8	7,165.0	29.5	7.4	160.01	-290.8	572.8	776.6	741.7	34.95	22.218	
7,315.0	7,156.1	7,190.0	7,179.2	29.6	7.4	160.13	-290.4	573.1	779.7	744.6	35.04	22.253	
7,400.0	7,238.6	7,268.1	7,257.3	30.0	7.4	160.72	-288.3	574.3	797.2	761.7	35.48	22.471	
7,410.0	7,248.3	7,277.7	7,266.8	30.1	7.4	160.78	-288.1	574.5	799.3	763.8	35.53	22.495	
7,500.0	7,335.6	7,361.4	7,350.6	30.5	7.4	161.33	-286.8	575.6	818.5	782.5	36.00	22.735	
7,505.0	7,340.5	7,366.1	7,355.2	30.5	7.4	161.36	-286.8	575.6	819.6	783.5	36.03	22.748	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
7,600.0	7,432.6	7,450.0	7,439.1	31.0	7.4	161.86	-285.9	576.5	840.3	803.8	36.49	23.029	
7,602.3	7,434.9	7,454.3	7,443.4	31.0	7.4	161.88	-285.8	576.5	840.8	804.3	36.52	23.025	
7,695.0	7,525.2	7,529.4	7,518.6	31.5	7.4	162.39	-285.6	576.1	861.2	824.2	36.94	23.311	
7,700.0	7,530.1	7,533.9	7,523.0	31.5	7.4	162.42	-285.6	576.1	862.2	825.2	36.97	23.323	
7,790.0	7,618.3	7,630.1	7,619.2	31.9	7.5	162.94	-285.1	575.2	879.6	842.0	37.55	23.424	
7,800.0	7,628.2	7,639.4	7,628.5	32.0	7.5	162.99	-285.0	575.1	881.3	843.7	37.60	23.437	
7,885.0	7,712.1	7,720.9	7,710.0	32.4	7.5	163.36	-284.3	574.7	894.6	856.5	38.04	23.515	
7,900.0	7,726.9	7,735.1	7,724.2	32.4	7.5	163.41	-284.4	574.6	896.7	858.6	38.12	23.524	
7,980.0	7,806.3	7,810.0	7,799.1	32.8	7.6	163.59	-285.3	574.3	907.0	868.5	38.49	23.565	
8,000.0	7,826.2	7,827.1	7,816.2	32.9	7.6	163.62	-285.6	574.1	909.3	870.8	38.57	23.577	
8,075.0	7,900.9	7,898.9	7,888.1	33.2	7.7	163.73	-286.6	573.3	917.1	878.2	38.90	23.573	
8,100.0	7,925.8	7,923.1	7,912.2	33.3	7.7	163.76	-287.0	572.9	919.3	880.3	39.02	23.562	
8,170.0	7,995.7	7,989.9	7,979.0	33.5	7.8	163.81	-288.0	571.8	924.6	885.3	39.29	23.530	
8,200.0	8,025.6	8,020.1	8,009.2	33.6	7.8	163.82	-288.5	571.3	926.4	887.0	39.43	23.498	
8,265.0	8,090.6	8,103.4	8,092.5	33.7	7.8	163.93	-287.7	570.3	928.5	888.8	39.73	23.371	
8,302.4	8,128.0	8,139.9	8,128.9	33.8	7.8	-102.96	-286.7	570.0	928.8	889.0	39.81	23.329	
8,360.0	8,185.6	8,192.5	8,181.6	33.8	7.8	-102.87	-285.3	569.5	929.0	889.2	39.83	23.323	
8,400.0	8,225.6	8,225.0	8,214.0	33.8	7.8	-102.82	-284.5	569.0	929.4	889.6	39.81	23.344	
8,455.0	8,280.6	8,277.4	8,266.4	33.8	7.9	-102.73	-283.4	567.8	930.3	890.5	39.86	23.342	
8,500.0	8,325.6	8,322.8	8,311.7	33.8	7.9	-102.68	-282.7	566.8	931.2	891.3	39.91	23.332	
8,550.0	8,375.6	8,369.8	8,358.7	33.8	7.9	-102.66	-282.5	565.8	932.2	892.2	39.94	23.336	
8,600.0	8,425.6	8,414.6	8,403.5	33.9	7.9	-102.66	-282.8	564.8	933.3	893.3	39.96	23.356	
8,645.0	8,470.6	8,453.8	8,442.7	33.9	8.0	-102.68	-283.4	563.8	934.6	894.7	39.96	23.387	
8,700.0	8,525.6	8,507.3	8,496.2	33.9	8.0	-102.72	-284.5	562.1	936.5	896.5	40.01	23.405	
8,740.0	8,565.6	8,564.4	8,553.2	33.9	8.1	-102.72	-284.8	560.7	937.5	897.3	40.19	23.328	
8,800.0	8,625.6	8,627.3	8,616.2	33.9	8.1	-102.65	-283.8	559.7	938.2	898.0	40.28	23.294	
8,835.0	8,660.6	8,664.2	8,653.1	33.9	8.1	-102.60	-283.1	559.1	938.6	898.3	40.33	23.274	
8,900.0	8,725.6	8,723.4	8,712.2	33.9	8.1	-102.54	-282.4	558.2	939.5	899.2	40.36	23.279	
8,930.0	8,755.6	8,755.0	8,743.8	33.9	8.1	-102.52	-282.1	557.6	940.0	899.6	40.41	23.264	
9,000.0	8,825.6	8,820.9	8,809.7	33.9	8.2	-102.48	-281.8	556.3	941.2	900.8	40.43	23.279	
9,025.0	8,850.6	8,844.5	8,833.3	33.9	8.2	-102.48	-281.7	555.8	941.7	901.3	40.44	23.288	
9,100.0	8,925.6	9,081.7	9,066.9	34.0	8.3	-100.90	-254.1	562.5	939.7	897.9	41.79	22.486	
9,120.0	8,945.6	9,098.0	9,082.5	34.0	8.3	-100.63	-249.3	563.9	936.8	895.0	41.80	22.414	
9,200.0	9,025.6	9,145.0	9,126.8	34.0	8.3	-99.73	-234.1	566.6	927.0	885.4	41.66	22.253	
9,215.0	9,040.6	9,160.4	9,141.2	34.0	8.3	-99.39	-228.5	567.2	925.5	883.8	41.69	22.197	
9,300.0	9,125.6	9,319.6	9,274.4	34.0	8.5	-94.12	-143.1	576.8	912.5	870.0	42.50	21.469	
9,310.0	9,135.6	9,328.0	9,280.9	34.0	8.5	-93.79	-137.7	577.5	910.9	868.4	42.50	21.432	
9,400.0	9,225.6	9,381.0	9,320.7	34.0	8.6	-91.57	-102.9	581.0	899.2	857.0	42.26	21.276	
9,405.0	9,230.6	9,381.0	9,320.7	34.0	8.6	-91.57	-102.9	581.0	898.7	856.5	42.23	21.283	
9,500.0	9,325.6	9,428.0	9,352.9	34.1	8.7	-89.39	-68.8	582.3	893.2	851.4	41.86	21.341	
9,524.8	9,350.4	9,428.0	9,352.9	34.1	8.7	-89.39	-68.8	582.3	892.9	851.2	41.68	21.425	
9,595.0	9,420.6	9,470.3	9,378.7	34.1	8.7	-87.24	-35.3	582.6	894.6	853.2	41.42	21.599	
9,600.0	9,425.6	9,473.2	9,380.4	34.1	8.7	-87.09	-33.0	582.6	894.9	853.5	41.40	21.616	
9,690.0	9,515.6	9,523.0	9,408.1	34.1	8.8	-84.44	8.4	583.3	902.8	861.8	41.02	22.008	
9,700.0	9,525.6	9,527.6	9,410.6	34.1	8.8	-84.19	12.4	583.4	904.0	863.1	40.98	22.063	
9,785.0	9,610.6	9,571.4	9,432.3	34.1	8.9	-81.78	50.4	584.5	917.9	877.3	40.59	22.616	
9,800.0	9,625.6	9,577.5	9,435.1	34.1	8.9	-81.44	55.7	584.7	920.9	880.4	40.51	22.731	
9,880.0	9,705.6	9,606.6	9,447.9	34.1	8.9	-79.79	81.8	585.8	940.4	900.3	40.13	23.435	
9,900.0	9,725.6	9,613.1	9,450.6	34.1	8.9	-79.42	87.8	586.0	946.1	906.1	40.03	23.634	
9,975.0	9,800.6	9,636.5	9,460.0	34.2	9.0	-78.08	109.2	587.0	970.4	930.7	39.68	24.452	
10,000.0	9,825.6	9,643.8	9,462.8	34.2	9.0	-77.66	115.9	587.3	979.5	939.9	39.57	24.751	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
10,070.0	9,895.6	9,667.0	9,471.4	34.2	9.0	-76.32	137.4	588.4	1,007.4	968.2	39.27	25.657	
10,100.0	9,925.6	9,667.0	9,471.4	34.2	9.0	-76.32	137.4	588.4	1,020.5	981.4	39.15	26.070	
10,135.4	9,961.0	9,680.2	9,476.1	34.2	9.1	-75.57	149.7	589.0	1,036.7	998.0	38.74	26.761	
10,150.0	9,975.6	9,684.1	9,477.5	34.2	9.1	-74.46	153.3	589.2	1,043.6	1,004.9	38.68	26.983	
10,165.0	9,990.6	9,688.3	9,479.0	34.2	9.1	-73.45	157.3	589.4	1,050.7	1,012.1	38.62	27.210	
10,200.0	10,025.5	9,699.0	9,482.8	34.2	9.1	-71.05	167.3	589.8	1,067.5	1,029.0	38.49	27.738	
10,250.0	10,074.9	9,714.0	9,488.0	34.2	9.1	-67.71	181.4	590.4	1,091.7	1,053.3	38.33	28.478	
10,260.0	10,084.6	9,714.0	9,488.0	34.2	9.1	-67.20	181.4	590.4	1,096.5	1,058.2	38.31	28.623	
10,300.0	10,123.4	9,731.8	9,493.9	34.2	9.1	-64.38	198.1	591.1	1,115.7	1,077.5	38.22	29.194	
10,350.0	10,170.6	9,748.8	9,499.3	34.2	9.2	-61.28	214.3	591.7	1,139.4	1,101.3	38.14	29.876	
10,355.0	10,175.3	9,760.0	9,502.7	34.2	9.2	-60.61	224.9	592.1	1,141.8	1,103.7	38.13	29.948	
10,400.0	10,216.3	9,760.0	9,502.7	34.2	9.2	-58.60	224.9	592.1	1,162.5	1,124.4	38.09	30.518	
10,450.0	10,260.1	9,784.8	9,509.6	34.2	9.2	-55.67	248.7	593.1	1,184.7	1,146.6	38.08	31.113	
10,500.0	10,301.5	9,807.0	9,515.0	34.2	9.3	-53.11	270.2	594.2	1,205.9	1,167.8	38.09	31.660	
10,545.0	10,336.6	9,824.1	9,518.8	34.2	9.3	-51.11	286.9	595.0	1,223.8	1,185.6	38.12	32.102	
10,550.0	10,340.4	9,826.6	9,519.3	34.2	9.3	-50.89	289.3	595.2	1,225.7	1,187.6	38.13	32.148	
10,600.0	10,376.4	9,856.0	9,524.9	34.3	9.4	-48.70	318.1	596.9	1,244.0	1,205.8	38.19	32.575	
10,640.0	10,402.9	9,869.3	9,527.2	34.3	9.4	-47.38	331.2	597.7	1,257.3	1,219.0	38.25	32.869	
10,650.0	10,409.2	9,873.7	9,527.9	34.3	9.4	-47.04	335.5	598.0	1,260.5	1,222.2	38.27	32.936	
10,700.0	10,438.6	9,903.0	9,531.8	34.3	9.5	-45.40	364.5	600.1	1,275.2	1,236.9	38.37	33.234	
10,735.0	10,457.0	9,903.0	9,531.8	34.3	9.5	-44.72	364.5	600.1	1,284.4	1,246.0	38.44	33.415	
10,750.0	10,464.4	9,903.0	9,531.8	34.3	9.5	-44.45	364.5	600.1	1,288.2	1,249.7	38.47	33.488	
10,800.0	10,486.3	9,935.4	9,534.6	34.3	9.5	-43.20	396.6	602.7	1,299.0	1,260.4	38.60	33.655	
10,830.0	10,497.6	9,950.0	9,535.3	34.3	9.6	-42.63	411.2	603.9	1,304.6	1,265.9	38.68	33.733	
10,850.0	10,504.3	9,950.0	9,535.3	34.4	9.6	-42.40	411.2	603.9	1,308.0	1,269.3	38.72	33.784	
10,900.0	10,518.1	9,985.3	9,536.4	34.4	9.7	-41.58	446.3	606.8	1,314.7	1,275.8	38.88	33.817	
10,925.0	10,523.4	9,999.6	9,536.6	34.4	9.8	-41.30	460.6	607.9	1,317.1	1,278.2	38.95	33.812	
10,950.0	10,527.6	10,014.0	9,536.7	34.4	9.8	-41.07	475.0	608.9	1,319.0	1,279.9	39.04	33.789	
11,100.0	10,534.3	10,114.5	9,535.0	34.6	10.3	-40.59	575.2	615.2	1,319.4	1,279.8	39.56	33.353	
11,115.0	10,534.3	10,125.3	9,534.6	34.6	10.3	-40.56	586.0	615.8	1,319.3	1,279.6	39.62	33.301	
11,192.3	10,534.6	10,192.9	9,531.6	34.7	10.7	-40.34	653.5	619.7	1,319.1	1,279.1	39.96	33.013	
11,200.0	10,534.6	10,200.0	9,531.3	34.7	10.8	-40.31	660.6	620.1	1,319.1	1,279.1	39.99	32.984	
11,210.0	10,534.7	10,209.3	9,530.8	34.7	10.8	-40.27	669.8	620.7	1,319.1	1,279.0	40.04	32.944	
11,300.0	10,535.0	10,276.4	9,526.8	34.8	11.2	-40.01	736.6	624.9	1,319.8	1,279.4	40.43	32.647	
11,305.0	10,535.0	10,279.7	9,526.6	34.8	11.2	-40.00	739.9	625.0	1,319.9	1,279.4	40.45	32.632	
14,400.0	10,547.0	13,457.9	9,542.3	45.7	36.2	-40.12	3,912.3	617.2	1,318.3	1,243.7	74.66	17.657	
14,440.0	10,547.1	13,490.0	9,544.2	45.9	36.5	-40.18	3,944.3	616.9	1,316.9	1,241.7	75.16	17.521	
14,500.0	10,547.3	13,540.5	9,546.8	46.2	36.9	-40.27	3,994.7	616.2	1,315.1	1,239.2	75.92	17.321	
14,535.0	10,547.5	13,569.1	9,548.2	46.4	37.1	-40.32	4,023.3	615.7	1,314.3	1,237.9	76.36	17.211	
14,600.0	10,547.7	13,627.7	9,550.7	46.7	37.6	-40.42	4,081.8	614.4	1,313.1	1,235.9	77.22	17.006	
14,630.0	10,547.8	13,655.7	9,551.9	46.9	37.9	-40.47	4,109.8	613.8	1,312.7	1,235.0	77.62	16.911	
14,700.0	10,548.1	13,724.0	9,554.5	47.3	38.4	-40.58	4,178.0	612.2	1,311.7	1,233.2	78.59	16.691	
14,725.0	10,548.2	13,749.0	9,555.4	47.4	38.6	-40.62	4,203.0	611.7	1,311.4	1,232.5	78.94	16.613	
14,800.0	10,548.5	13,836.5	9,558.8	47.8	39.4	-40.75	4,290.4	610.2	1,310.2	1,230.1	80.09	16.358	
14,820.0	10,548.6	13,861.5	9,559.9	47.9	39.6	-40.78	4,315.4	609.9	1,309.7	1,229.3	80.42	16.287	
14,900.0	10,548.9	13,933.4	9,563.0	48.3	40.2	-40.89	4,387.2	609.1	1,307.8	1,226.3	81.48	16.050	
14,915.0	10,548.9	13,946.6	9,563.5	48.4	40.3	-40.91	4,400.4	608.9	1,307.5	1,225.9	81.68	16.008	
15,000.0	10,549.3	14,027.9	9,566.5	48.9	41.0	-41.02	4,481.6	607.7	1,306.1	1,223.3	82.86	15.763	
15,010.0	10,549.3	14,037.6	9,566.9	48.9	41.1	-41.03	4,491.3	607.5	1,306.0	1,223.0	83.00	15.735	
15,080.2	10,549.6	14,087.6	9,568.4	49.3	41.5	-41.09	4,541.3	606.7	1,305.3	1,221.5	83.83	15.571	
15,100.0	10,549.7	14,099.7	9,568.6	49.4	41.6	-41.10	4,553.4	606.5	1,305.3	1,221.3	84.04	15.533	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
15,105.0	10,549.7	14,102.8	9,568.6	49.4	41.6	-41.11	4,556.5	606.4	1,305.4	1,221.3	84.09	15.523	
15,200.0	10,550.0	14,164.5	9,568.3	50.0	42.1	-41.14	4,618.2	604.8	1,307.4	1,222.3	85.11	15.361	
15,295.0	10,550.4	14,244.0	9,566.8	50.5	42.8	-41.18	4,697.6	601.9	1,311.1	1,224.8	86.29	15.194	
15,300.0	10,550.4	14,246.6	9,566.8	50.5	42.8	-41.18	4,700.2	601.8	1,311.4	1,225.0	86.33	15.189	
15,390.0	10,550.8	14,335.6	9,564.3	51.0	43.6	-41.20	4,789.1	598.5	1,315.6	1,227.9	87.61	15.016	
15,400.0	10,550.8	14,339.0	9,564.2	51.1	43.6	-41.20	4,792.5	598.4	1,316.0	1,228.4	87.67	15.011	
17,000.0	10,557.0	16,115.0	9,561.4	60.7	58.7	-40.50	6,565.6	607.2	1,317.3	1,204.9	112.35	11.725	
17,005.0	10,557.0	16,119.4	9,561.6	60.7	58.7	-40.50	6,569.9	607.5	1,316.9	1,204.5	112.42	11.714	
17,100.0	10,557.4	16,196.6	9,564.8	61.3	59.3	-40.40	6,646.9	612.6	1,310.0	1,196.2	113.76	11.515	
17,195.0	10,557.7	16,276.3	9,568.0	61.9	60.0	-40.36	6,726.4	616.3	1,304.4	1,189.3	115.10	11.332	
17,200.0	10,557.7	16,280.7	9,568.2	61.9	60.1	-40.36	6,730.9	616.4	1,304.1	1,188.9	115.18	11.323	
17,290.0	10,558.1	16,363.5	9,571.7	62.5	60.8	-40.36	6,813.5	618.8	1,299.6	1,183.1	116.48	11.157	
17,300.0	10,558.1	16,373.2	9,572.1	62.6	60.8	-40.36	6,823.3	619.1	1,299.1	1,182.5	116.63	11.139	
17,385.0	10,558.5	16,450.3	9,574.6	63.1	61.5	-40.32	6,900.2	621.9	1,295.2	1,177.4	117.86	10.990	
17,400.0	10,558.5	16,462.2	9,574.8	63.2	61.6	-40.31	6,912.1	622.5	1,294.6	1,176.5	118.06	10.965	
17,480.0	10,558.8	16,526.9	9,574.7	63.7	62.1	-40.18	6,976.7	626.0	1,291.9	1,172.8	119.15	10.843	
17,500.0	10,558.9	16,544.7	9,574.5	63.9	62.3	-40.13	6,994.4	627.0	1,291.4	1,172.0	119.43	10.813	
17,575.0	10,559.2	16,614.0	9,573.7	64.3	62.9	-39.97	7,063.7	630.6	1,289.7	1,169.2	120.49	10.704	
17,600.0	10,559.3	16,632.5	9,573.5	64.5	63.0	-39.94	7,082.2	631.3	1,289.3	1,168.4	120.82	10.671	
17,670.0	10,559.5	16,691.3	9,574.7	64.9	63.5	-39.97	7,140.9	631.1	1,288.4	1,166.6	121.78	10.580	
17,700.0	10,559.7	16,717.3	9,575.9	65.1	63.8	-40.04	7,166.9	630.0	1,288.2	1,166.0	122.21	10.542	
17,765.0	10,559.9	16,777.7	9,578.7	65.6	64.3	-40.21	7,227.1	627.1	1,288.1	1,164.9	123.16	10.458	
17,779.7	10,560.0	16,791.3	9,579.3	65.7	64.4	-40.24	7,240.7	626.4	1,288.1	1,164.7	123.38	10.440	
17,800.0	10,560.0	16,802.0	9,579.7	65.8	64.5	-40.27	7,251.4	625.9	1,288.1	1,164.5	123.60	10.422	
17,860.0	10,560.3	16,859.7	9,581.2	66.2	65.0	-40.37	7,309.0	623.9	1,288.4	1,163.9	124.49	10.349	
17,900.0	10,560.4	16,897.0	9,581.1	66.4	65.3	-40.38	7,346.3	623.3	1,288.9	1,163.8	125.07	10.305	
17,955.0	10,560.6	16,939.2	9,580.6	66.8	65.6	-40.37	7,388.5	622.9	1,289.9	1,164.1	125.76	10.256	
18,000.0	10,560.8	16,976.8	9,580.0	67.1	66.0	-40.37	7,426.1	622.3	1,291.0	1,164.6	126.36	10.216	
18,050.0	10,561.0	17,023.5	9,579.1	67.4	66.4	-40.37	7,472.8	621.3	1,292.4	1,165.3	127.08	10.170	
18,100.0	10,561.2	17,073.1	9,578.3	67.7	66.8	-40.38	7,522.4	620.1	1,293.9	1,166.1	127.83	10.122	
18,145.0	10,561.4	17,109.8	9,577.6	68.0	67.1	-40.38	7,559.1	619.1	1,295.3	1,166.9	128.41	10.087	
18,200.0	10,561.6	17,150.2	9,575.7	68.4	67.5	-40.32	7,599.4	618.9	1,297.6	1,168.6	129.05	10.055	
18,240.0	10,561.7	17,180.0	9,573.3	68.7	67.7	-40.24	7,629.1	619.4	1,299.7	1,170.2	129.51	10.036	
18,300.0	10,562.0	17,332.8	9,568.4	69.1	69.0	-40.00	7,781.7	621.4	1,300.6	1,169.2	131.40	9.898	
18,335.0	10,562.1	17,391.0	9,571.3	69.3	69.5	-40.11	7,839.8	620.4	1,299.7	1,167.5	132.11	9.838	
18,400.0	10,562.4	17,473.3	9,575.6	69.7	70.2	-40.20	7,922.0	620.7	1,297.0	1,163.8	133.20	9.737	
18,430.0	10,562.5	17,494.8	9,576.7	69.9	70.4	-40.23	7,943.5	620.8	1,295.8	1,162.2	133.62	9.698	
18,500.0	10,562.7	17,557.0	9,580.4	70.4	70.9	-40.35	8,005.6	620.0	1,293.3	1,158.6	134.65	9.604	
18,525.0	10,562.8	17,582.6	9,582.1	70.6	71.1	-40.41	8,031.1	619.4	1,292.4	1,157.4	135.04	9.571	
18,600.0	10,563.1	17,666.2	9,587.7	71.1	71.8	-40.60	8,114.5	618.2	1,289.3	1,153.1	136.26	9.463	
18,620.0	10,563.2	17,680.7	9,588.6	71.2	72.0	-40.62	8,129.0	618.1	1,288.6	1,152.0	136.53	9.438	
18,700.0	10,563.5	17,746.0	9,591.4	71.7	72.5	-40.71	8,194.2	617.8	1,286.3	1,148.6	137.67	9.343	
18,715.0	10,563.6	17,746.0	9,591.4	71.8	72.5	-40.71	8,194.2	617.8	1,286.0	1,148.2	137.79	9.333	
18,800.0	10,563.9	17,814.0	9,592.8	72.4	73.1	-40.76	8,262.2	617.2	1,285.2	1,146.3	138.94	9.250	
18,805.2	10,563.9	17,818.0	9,592.9	72.4	73.1	-40.76	8,266.2	617.1	1,285.2	1,146.2	139.01	9.245	
18,810.0	10,563.9	17,821.6	9,593.0	72.5	73.2	-40.76	8,269.8	617.1	1,285.2	1,146.2	139.07	9.241	
18,900.0	10,564.3	17,877.6	9,593.2	73.1	73.6	-40.80	8,325.7	615.9	1,286.4	1,146.3	140.09	9.183	
18,905.0	10,564.3	17,880.4	9,593.2	73.1	73.7	-40.80	8,328.6	615.8	1,286.5	1,146.4	140.14	9.180	
19,000.0	10,564.7	17,935.0	9,592.0	73.7	74.1	-40.83	8,383.1	613.6	1,290.8	1,149.8	141.04	9.152	
19,095.0	10,565.0	18,013.1	9,589.8	74.4	74.8	-40.93	8,461.0	608.2	1,297.2	1,154.9	142.23	9.120	
19,100.0	10,565.1	18,017.2	9,589.7	74.4	74.8	-40.94	8,465.1	607.9	1,297.5	1,155.2	142.30	9.119	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
19,190.0	10,565.4	18,115.7	9,587.3	75.0	75.7	-41.11	8,563.2	600.0	1,304.0	1,160.2	143.83	9.066	
19,200.0	10,565.4	18,127.1	9,587.0	75.1	75.8	-41.13	8,574.7	599.3	1,304.7	1,160.7	144.01	9.060	
19,285.0	10,565.8	18,208.7	9,584.5	75.7	76.5	-41.22	8,656.0	593.9	1,310.4	1,165.2	145.27	9.021	
19,300.0	10,565.8	18,236.3	9,583.7	75.8	76.7	-41.25	8,683.6	592.1	1,311.5	1,165.8	145.70	9.001	
19,380.0	10,566.1	18,380.4	9,582.7	76.3	78.0	-41.32	8,827.6	588.3	1,312.7	1,164.9	147.76	8.884	
19,400.0	10,566.2	18,400.7	9,583.1	76.5	78.1	-41.35	8,847.9	587.6	1,312.9	1,164.8	148.07	8.867	
19,475.0	10,566.5	18,458.9	9,583.4	77.0	78.6	-41.39	8,906.1	586.1	1,314.1	1,165.0	149.05	8.816	
19,500.0	10,566.6	18,477.6	9,582.9	77.1	78.8	-41.38	8,924.7	586.0	1,314.7	1,165.3	149.35	8.803	
19,570.0	10,566.9	18,532.1	9,580.1	77.6	79.3	-41.28	8,979.1	586.4	1,317.1	1,166.9	150.22	8.768	
19,600.0	10,567.0	18,556.4	9,578.7	77.8	79.5	-41.22	9,003.4	586.6	1,318.3	1,167.7	150.60	8.754	
19,800.0	10,567.7	18,826.3	9,570.9	79.2	81.8	-40.77	9,273.0	592.1	1,319.7	1,165.3	154.38	8.548	
19,855.0	10,568.0	18,876.2	9,569.8	79.6	82.2	-40.67	9,322.9	594.1	1,319.3	1,164.1	155.17	8.502	
19,900.0	10,568.1	18,917.1	9,568.4	79.9	82.6	-40.55	9,363.8	596.1	1,319.1	1,163.3	155.81	8.466	
19,929.0	10,568.2	18,943.5	9,567.3	80.1	82.8	-40.47	9,390.1	597.4	1,319.1	1,162.9	156.22	8.444	
19,950.0	10,568.3	18,962.5	9,566.4	80.2	82.9	-40.41	9,409.1	598.4	1,319.1	1,162.6	156.52	8.428	
20,000.0	10,568.5	19,009.5	9,564.5	80.6	83.3	-40.27	9,456.0	600.7	1,319.3	1,162.0	157.24	8.390	
20,045.0	10,568.7	19,052.6	9,563.6	80.9	83.7	-40.22	9,499.0	601.5	1,319.5	1,161.6	157.91	8.356	
20,100.0	10,568.9	19,101.7	9,563.6	81.3	84.1	-40.22	9,548.1	601.0	1,319.9	1,161.2	158.70	8.317	
20,400.0	10,570.1	19,448.9	9,575.5	83.3	87.1	-40.85	9,894.8	590.1	1,318.9	1,155.1	163.80	8.052	
20,425.0	10,570.2	19,467.7	9,576.6	83.5	87.3	-40.90	9,913.5	589.5	1,318.3	1,154.1	164.15	8.031	
20,500.0	10,570.4	19,523.0	9,578.8	84.0	87.7	-41.00	9,968.9	588.2	1,317.3	1,152.1	165.17	7.975	
20,520.0	10,570.5	19,545.0	9,579.1	84.2	87.9	-41.01	9,990.8	588.0	1,317.2	1,151.7	165.50	7.959	
20,600.0	10,570.8	19,618.3	9,580.1	84.7	88.5	-41.05	10,064.1	587.1	1,317.1	1,150.4	166.69	7.902	
20,615.0	10,570.9	19,633.9	9,580.4	84.8	88.7	-41.07	10,079.7	586.8	1,317.1	1,150.1	166.93	7.890	
20,647.6	10,571.0	19,662.8	9,581.0	85.1	88.9	-41.10	10,108.6	586.3	1,317.0	1,149.6	167.40	7.867	
20,700.0	10,571.2	19,707.2	9,581.6	85.4	89.3	-41.13	10,153.0	585.5	1,317.2	1,149.0	168.14	7.834	
20,710.0	10,571.2	19,715.7	9,581.7	85.5	89.4	-41.14	10,161.5	585.4	1,317.2	1,148.9	168.28	7.828	
20,800.0	10,571.6	19,794.0	9,581.6	86.1	90.0	-41.16	10,239.8	584.2	1,318.3	1,148.7	169.55	7.775	
20,805.0	10,571.6	19,798.4	9,581.6	86.2	90.1	-41.16	10,244.2	584.2	1,318.4	1,148.8	169.62	7.772	
20,900.0	10,572.0	19,899.3	9,581.3	86.8	90.9	-41.20	10,345.1	582.2	1,320.0	1,148.8	171.16	7.712 SF	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	2.5	2.5	3.0	3.0	93.68	-32.7	509.8	510.9				
95.0	95.0	99.2	99.2	3.0	3.0	93.66	-32.6	509.7	510.7	504.7	6.02	84.872	
100.0	100.0	104.4	104.4	3.0	3.0	93.66	-32.6	509.7	510.7	504.7	6.02	84.827	
190.0	190.0	194.5	194.5	3.1	3.0	93.62	-32.3	509.3	510.4	504.2	6.13	83.260	
200.0	200.0	204.6	204.6	3.1	3.0	93.62	-32.2	509.3	510.3	504.2	6.15	83.014	
285.0	285.0	289.5	289.5	3.3	3.0	93.61	-32.1	509.0	510.0	503.7	6.25	81.550	
300.0	300.0	304.5	304.5	3.3	3.0	93.61	-32.1	508.9	509.9	503.6	6.28	81.261	
380.0	380.0	385.2	385.1	3.4	3.0	93.61	-32.1	508.5	509.5	503.2	6.38	79.907	
400.0	400.0	405.1	405.1	3.4	3.0	93.61	-32.1	508.4	509.4	503.0	6.40	79.546	
475.0	475.0	481.3	481.3	3.5	3.0	93.61	-32.0	508.0	509.0	502.5	6.50	78.287	
500.0	500.0	506.5	506.5	3.5	3.1	93.61	-32.0	507.8	508.8	502.2	6.54	77.846	
570.0	570.0	578.0	578.0	3.6	3.1	93.61	-32.0	507.1	508.1	501.5	6.63	76.663	
600.0	600.0	608.9	608.9	3.6	3.1	93.62	-32.0	506.7	507.8	501.1	6.67	76.133	
665.0	665.0	676.6	676.6	3.7	3.1	93.60	-31.8	505.7	506.8	500.0	6.76	74.999	
700.0	700.0	713.6	713.6	3.8	3.1	93.59	-31.7	504.9	506.1	499.3	6.81	74.357	
760.0	760.0	777.8	777.7	3.8	3.1	93.54	-31.2	503.3	504.5	497.6	6.89	73.251	
800.0	800.0	820.8	820.7	3.9	3.2	93.51	-30.8	501.9	503.2	496.2	6.94	72.464	
855.0	855.0	876.7	876.6	4.0	3.2	93.45	-30.1	499.8	501.1	494.1	7.02	71.392	
900.0	900.0	921.3	921.1	4.0	3.2	93.40	-29.6	498.2	499.4	492.3	7.08	70.512	
950.0	950.0	971.9	971.7	4.1	3.2	93.34	-29.0	496.3	497.5	490.4	7.15	69.560	
1,000.0	1,000.0	1,042.5	1,042.2	4.1	3.3	93.33	-28.7	492.7	495.1	487.9	7.22	68.566	
1,045.0	1,045.0	1,099.4	1,098.8	4.2	3.3	93.58	-30.5	487.1	490.7	483.5	7.28	67.421	
1,100.0	1,100.0	1,160.0	1,158.9	4.2	3.3	93.99	-33.5	480.1	484.6	477.2	7.35	65.898	
1,140.0	1,140.0	1,199.4	1,198.0	4.3	3.3	94.28	-35.6	475.4	479.9	472.5	7.41	64.766	
1,200.0	1,200.0	1,258.1	1,256.2	4.4	3.4	94.72	-38.7	468.3	473.0	465.5	7.50	63.093	
1,235.0	1,235.0	1,291.0	1,288.8	4.4	3.4	94.96	-40.3	464.5	469.1	461.5	7.55	62.148	
1,300.0	1,300.0	1,351.2	1,348.6	4.5	3.4	95.40	-43.3	457.9	462.3	454.6	7.64	60.470	
1,330.0	1,330.0	1,380.4	1,377.6	4.5	3.4	95.62	-44.7	454.9	459.3	451.6	7.69	59.744	
1,400.0	1,400.0	1,453.4	1,450.0	4.6	3.5	96.31	-49.4	447.0	452.2	444.4	7.79	58.074	
1,425.0	1,425.0	1,478.0	1,474.4	4.6	3.5	96.63	-51.6	444.1	449.6	441.7	7.82	57.479	
1,500.0	1,500.0	1,548.8	1,544.4	4.7	3.5	97.53	-57.6	436.4	442.1	434.2	7.93	55.757	
1,520.0	1,520.0	1,568.2	1,563.6	4.7	3.5	4.73	-59.3	434.3	440.2	432.2	7.98	55.170	
1,600.0	1,600.0	1,647.0	1,641.7	4.8	3.6	5.78	-65.8	426.1	431.2	423.0	8.18	52.711	
1,615.0	1,615.0	1,661.9	1,656.6	4.8	3.6	6.00	-67.1	424.5	429.2	421.0	8.23	52.159	
1,700.0	1,699.8	1,761.1	1,754.8	5.0	3.6	7.27	-73.6	412.6	415.5	407.0	8.51	48.849	
1,710.0	1,709.8	1,770.9	1,764.4	5.0	3.6	7.38	-74.0	411.3	413.6	405.0	8.54	48.420	
1,800.0	1,799.5	1,852.4	1,845.2	5.2	3.7	8.37	-77.5	400.7	394.9	386.1	8.87	44.546	
1,805.0	1,804.4	1,856.7	1,849.4	5.2	3.7	8.42	-77.7	400.2	393.9	385.0	8.88	44.333	
1,900.0	1,898.7	1,938.2	1,930.5	5.5	3.8	9.47	-80.9	391.7	373.6	364.4	9.24	40.422	
1,995.0	1,992.5	2,030.9	2,022.8	5.8	3.8	10.86	-84.9	384.1	352.4	342.8	9.60	36.702	
2,000.0	1,997.5	2,037.6	2,029.4	5.9	3.8	10.99	-85.2	383.4	351.2	341.5	9.62	36.508	
2,090.0	2,085.8	2,136.1	2,126.8	6.2	3.9	13.54	-92.1	370.8	325.2	315.2	9.94	32.707	
2,100.0	2,095.6	2,145.2	2,135.9	6.2	3.9	13.84	-92.8	369.5	322.0	312.0	9.98	32.267	
2,185.0	2,178.5	2,217.8	2,207.5	6.5	4.0	16.45	-98.5	359.7	295.0	284.6	10.32	28.589	
2,200.0	2,193.1	2,230.3	2,219.9	6.6	4.0	16.95	-99.5	358.2	290.2	279.9	10.38	27.973	
2,280.0	2,270.7	2,296.9	2,285.9	6.8	4.0	19.64	-104.9	351.4	266.6	256.0	10.63	25.069	
2,300.0	2,290.1	2,315.0	2,303.9	6.9	4.1	20.40	-106.4	349.9	261.2	250.5	10.69	24.424	
2,375.0	2,362.9	2,389.6	2,378.0	7.1	4.1	23.82	-112.1	343.8	241.2	230.3	10.89	22.143	
2,400.0	2,387.1	2,415.6	2,403.8	7.2	4.1	25.10	-113.7	341.3	234.2	223.2	10.95	21.392	
2,470.0	2,455.0	2,482.3	2,470.2	7.5	4.2	28.70	-117.2	334.8	214.9	203.8	11.12	19.331	
2,500.0	2,484.1	2,513.7	2,501.3	7.6	4.2	30.54	-118.6	331.7	206.7	195.6	11.17	18.512	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	2,547.2	2,577.0	2,564.3	7.8	4.3	34.50	-119.9	324.8	188.3	177.1	11.28	16.691	
2,600.0	2,581.2	2,609.9	2,597.0	7.9	4.3	36.84	-120.4	321.3	178.8	167.4	11.33	15.774	
2,660.0	2,639.4	2,665.8	2,652.5	8.2	4.4	41.38	-121.4	315.3	163.2	151.8	11.39	14.336	
2,700.0	2,678.2	2,702.9	2,689.5	8.3	4.4	44.83	-122.1	311.5	153.6	142.2	11.39	13.489	
2,755.0	2,731.6	2,754.6	2,740.8	8.5	4.4	50.30	-123.0	306.2	141.6	130.2	11.34	12.484	
2,800.0	2,775.2	2,796.9	2,783.0	8.7	4.5	55.44	-123.8	301.9	132.9	121.6	11.26	11.806	
2,850.0	2,823.7	2,843.4	2,829.2	8.9	4.5	61.77	-124.8	297.1	124.8	113.7	11.13	11.214	
2,900.0	2,872.3	2,887.9	2,873.5	9.1	4.6	68.51	-126.3	292.7	119.2	108.2	11.00	10.837	
2,945.0	2,915.9	2,928.8	2,914.1	9.3	4.6	75.25	-128.5	288.5	116.9	106.0	10.90	10.727	
2,969.0	2,939.2	2,951.2	2,936.3	9.4	4.6	79.02	-129.8	286.2	116.6	105.7	10.87	10.725	CC, ES, SF
3,000.0	2,969.3	2,980.3	2,965.2	9.5	4.7	83.91	-131.6	283.2	117.1	106.2	10.88	10.761	
3,040.0	3,008.1	3,018.0	3,002.6	9.7	4.7	90.12	-133.8	279.4	119.1	108.2	10.98	10.852	
3,100.0	3,066.3	3,074.3	3,058.6	9.9	4.8	98.79	-137.2	273.9	124.9	113.6	11.29	11.067	
3,135.0	3,100.3	3,107.3	3,091.4	10.1	4.8	103.46	-139.3	270.7	129.7	118.1	11.54	11.233	
3,200.0	3,163.3	3,168.8	3,152.5	10.3	4.8	111.25	-143.0	264.9	140.6	128.5	12.10	11.617	
3,230.0	3,192.5	3,197.3	3,180.8	10.5	4.9	114.43	-144.7	262.3	146.4	134.0	12.38	11.827	
3,300.0	3,260.4	3,263.9	3,247.1	10.8	4.9	120.93	-148.7	256.5	161.4	148.4	13.03	12.383	
3,325.0	3,284.6	3,287.7	3,270.7	10.9	5.0	122.97	-150.1	254.4	167.1	153.9	13.26	12.601	
3,400.0	3,357.4	3,359.5	3,342.1	11.2	5.0	128.32	-154.2	248.4	185.3	171.4	13.93	13.304	
3,420.0	3,376.8	3,379.0	3,361.6	11.3	5.1	129.59	-155.3	246.9	190.3	176.2	14.11	13.491	
3,500.0	3,454.4	3,456.1	3,438.3	11.6	5.1	134.02	-159.4	241.1	210.7	195.9	14.77	14.266	
3,515.0	3,469.0	3,470.6	3,452.8	11.7	5.1	134.77	-160.1	240.0	214.6	199.7	14.89	14.410	
3,600.0	3,551.5	3,551.4	3,533.2	12.1	5.2	138.44	-164.1	234.2	237.0	221.5	15.53	15.259	
3,610.0	3,561.2	3,560.9	3,542.7	12.1	5.2	138.83	-164.5	233.6	239.7	224.1	15.61	15.361	
3,700.0	3,648.5	3,643.8	3,625.3	12.5	5.3	142.03	-168.3	226.9	264.9	248.6	16.23	16.321	
3,705.0	3,653.3	3,648.5	3,629.9	12.5	5.3	142.20	-168.5	226.5	266.3	250.0	16.26	16.375	
3,800.0	3,745.5	3,737.9	3,718.9	13.0	5.4	145.23	-172.0	218.3	294.2	277.3	16.92	17.386	
3,895.0	3,837.7	3,827.4	3,808.0	13.4	5.5	147.73	-175.6	210.1	322.8	305.3	17.55	18.392	
3,900.0	3,842.6	3,832.0	3,812.5	13.4	5.5	147.85	-175.8	209.7	324.3	306.8	17.58	18.446	
3,990.0	3,929.9	3,916.6	3,896.7	13.8	5.6	149.82	-179.2	201.8	352.0	333.9	18.16	19.387	
4,000.0	3,939.6	3,926.1	3,906.1	13.9	5.6	150.02	-179.6	200.9	355.1	336.9	18.22	19.489	
4,085.0	4,022.1	4,007.8	3,987.4	14.3	5.7	151.62	-182.9	193.5	381.5	362.7	18.77	20.323	
4,100.0	4,036.6	4,022.2	4,001.7	14.3	5.7	151.88	-183.5	192.2	386.1	367.2	18.87	20.467	
4,180.0	4,114.2	4,100.0	4,079.2	14.7	5.8	153.15	-186.7	185.7	410.6	391.3	19.38	21.191	
4,200.0	4,133.6	4,118.9	4,098.0	14.8	5.8	153.43	-187.4	184.1	416.8	397.3	19.50	21.374	
4,275.0	4,206.4	4,190.7	4,169.5	15.1	5.9	154.44	-190.3	178.2	439.8	419.9	19.96	22.036	
4,300.0	4,230.7	4,214.9	4,193.6	15.2	5.9	154.75	-191.3	176.2	447.5	427.4	20.12	22.246	
4,370.0	4,298.6	4,282.3	4,260.7	15.6	6.0	155.56	-194.1	171.0	468.8	448.3	20.54	22.822	
4,400.0	4,327.7	4,310.9	4,289.2	15.7	6.0	155.87	-195.3	168.9	478.0	457.3	20.72	23.066	
4,465.0	4,390.8	4,372.5	4,350.6	16.0	6.1	156.49	-198.1	164.2	497.8	476.7	21.11	23.587	
4,500.0	4,424.7	4,405.3	4,383.3	16.2	6.1	156.79	-199.6	161.8	508.6	487.3	21.31	23.867	
4,560.0	4,482.9	4,462.9	4,440.7	16.5	6.2	157.29	-202.3	157.5	527.0	505.3	21.67	24.321	
4,600.0	4,521.8	4,500.5	4,478.2	16.6	6.3	157.59	-204.1	154.7	539.2	517.3	21.90	24.626	
4,655.0	4,575.1	4,550.0	4,527.4	16.9	6.3	157.97	-206.4	151.0	556.2	534.0	22.19	25.061	
4,700.0	4,618.8	4,580.1	4,557.4	17.1	6.3	158.20	-208.0	148.3	570.8	548.4	22.34	25.544	
4,750.0	4,667.3	4,620.1	4,597.1	17.3	6.4	158.49	-210.3	144.0	587.8	565.2	22.57	26.045	
4,800.0	4,715.8	4,666.9	4,643.5	17.6	6.4	158.80	-213.0	138.8	605.1	582.2	22.86	26.474	
4,845.0	4,759.5	4,711.7	4,687.9	17.8	6.5	159.09	-215.6	133.9	620.6	597.4	23.14	26.819	
4,900.0	4,812.8	4,769.3	4,745.1	18.0	6.6	159.41	-219.0	127.9	639.2	615.7	23.51	27.191	
4,940.0	4,851.7	4,811.2	4,786.7	18.2	6.6	159.63	-221.5	124.1	652.4	628.6	23.77	27.442	
5,000.0	4,909.9	4,867.6	4,842.9	18.5	6.7	159.90	-224.8	119.0	672.0	647.9	24.12	27.866	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	4,943.8	4,900.0	4,875.1	18.7	6.7	160.05	-226.7	116.0	683.5	659.2	24.31	28.114	
5,100.0	5,006.9	4,950.0	4,924.7	19.0	6.8	160.27	-229.7	111.2	705.2	680.6	24.59	28.681	
5,130.0	5,036.0	4,972.3	4,946.9	19.1	6.8	160.39	-231.0	108.6	715.7	691.0	24.71	28.964	
5,200.0	5,103.9	5,038.8	5,012.8	19.5	6.9	160.72	-234.6	100.8	740.4	715.2	25.12	29.472	
5,225.0	5,128.2	5,065.0	5,038.8	19.6	6.9	160.84	-236.1	97.8	749.1	723.8	25.29	29.621	
5,300.0	5,201.0	5,147.0	5,120.3	19.9	7.0	161.20	-240.5	89.2	774.6	748.8	25.82	30.002	
5,320.0	5,220.4	5,168.6	5,141.7	20.0	7.0	161.29	-241.6	87.1	781.3	755.3	25.96	30.099	
5,400.0	5,298.0	5,248.3	5,220.9	20.4	7.1	161.59	-245.7	79.9	807.4	781.0	26.45	30.523	
5,415.0	5,312.5	5,262.7	5,235.3	20.5	7.1	161.64	-246.4	78.6	812.3	785.8	26.54	30.605	
5,500.0	5,395.0	5,325.0	5,297.2	20.9	7.2	161.87	-249.6	72.9	840.4	813.5	26.89	31.253	
5,510.0	5,404.7	5,334.4	5,306.5	20.9	7.2	161.91	-250.1	71.9	843.8	816.8	26.95	31.313	
5,600.0	5,492.1	5,405.3	5,376.9	21.4	7.3	162.15	-254.2	63.2	875.9	848.6	27.35	32.021	
5,605.0	5,496.9	5,410.1	5,381.6	21.4	7.3	162.17	-254.4	62.6	877.7	850.3	27.38	32.052	
5,700.0	5,589.1	5,507.5	5,478.0	21.8	7.4	162.48	-260.0	50.9	911.6	883.6	28.00	32.557	
5,795.0	5,681.3	5,606.6	5,576.5	22.3	7.5	162.78	-265.3	40.0	944.5	915.9	28.63	32.991	
5,800.0	5,686.1	5,611.6	5,581.5	22.3	7.5	162.80	-265.6	39.5	946.2	917.6	28.66	33.015	
5,890.0	5,773.4	5,698.6	5,667.9	22.7	7.6	163.04	-270.2	30.6	976.7	947.5	29.20	33.450	
5,900.0	5,783.1	5,715.1	5,684.2	22.8	7.7	163.09	-270.9	29.0	980.1	950.8	29.31	33.436	
5,985.0	5,865.6	5,832.9	5,801.7	23.2	7.8	163.55	-273.5	20.6	1,005.5	975.5	30.09	33.420	
6,000.0	5,880.2	5,849.1	5,817.9	23.3	7.8	163.61	-273.7	19.5	1,010.0	979.8	30.19	33.452	
6,080.0	5,957.8	5,972.7	5,941.4	23.7	8.0	164.14	-273.9	15.7	1,030.5	999.6	30.98	33.266	
6,100.0	5,977.2	5,992.0	5,960.7	23.8	8.0	164.22	-273.8	15.3	1,035.6	1,004.5	31.10	33.299	
6,175.0	6,050.0	6,065.7	6,034.4	24.1	8.1	164.51	-273.7	14.0	1,054.3	1,022.8	31.56	33.409	
6,200.0	6,074.2	6,089.4	6,058.0	24.2	8.1	164.60	-273.7	13.6	1,060.6	1,028.9	31.71	33.450	
6,270.0	6,142.1	6,156.3	6,125.0	24.6	8.2	164.83	-274.1	12.4	1,078.2	1,046.0	32.12	33.562	
6,300.0	6,171.3	6,184.3	6,153.0	24.7	8.2	164.92	-274.3	11.9	1,085.7	1,053.4	32.30	33.616	
6,365.0	6,234.3	6,245.5	6,214.2	25.0	8.3	165.09	-275.2	10.9	1,102.2	1,069.5	32.67	33.734	
6,400.0	6,268.3	6,279.1	6,247.7	25.2	8.3	165.17	-275.9	10.3	1,111.1	1,078.2	32.87	33.798	
6,460.0	6,326.5	6,342.5	6,311.1	25.5	8.4	165.30	-277.7	9.5	1,126.3	1,093.0	33.24	33.878	
6,500.0	6,365.3	6,394.1	6,362.6	25.7	8.4	165.36	-279.7	9.3	1,136.0	1,102.5	33.53	33.884	
6,555.0	6,418.7	6,452.3	6,420.8	25.9	8.4	165.38	-282.8	9.8	1,149.0	1,115.2	33.83	33.962	
6,600.0	6,462.3	6,497.2	6,465.6	26.2	8.4	165.38	-285.6	10.4	1,159.6	1,125.5	34.07	34.038	
6,650.0	6,510.9	6,546.8	6,515.1	26.4	8.5	165.37	-288.7	11.0	1,171.3	1,136.9	34.33	34.122	
6,700.0	6,559.4	6,595.4	6,563.7	26.6	8.5	165.42	-290.7	11.5	1,182.9	1,148.3	34.58	34.206	
6,745.0	6,603.0	6,637.3	6,605.5	26.9	8.5	165.47	-292.1	11.8	1,193.4	1,158.6	34.80	34.290	
6,800.0	6,656.4	6,690.0	6,658.2	27.1	8.5	165.53	-294.1	12.2	1,206.4	1,171.3	35.09	34.384	
6,840.0	6,695.2	6,727.6	6,695.7	27.3	8.6	165.57	-295.5	12.4	1,215.8	1,180.5	35.29	34.455	
6,900.0	6,753.4	6,784.0	6,752.1	27.6	8.6	165.63	-297.6	12.7	1,230.0	1,194.4	35.59	34.560	
6,935.0	6,787.4	6,814.9	6,783.0	27.8	8.6	165.67	-298.7	12.8	1,238.4	1,202.6	35.76	34.631	
7,000.0	6,850.5	6,868.5	6,836.6	28.1	8.7	165.73	-300.6	12.6	1,254.2	1,218.2	36.06	34.783	
7,030.0	6,879.6	6,893.0	6,861.1	28.2	8.7	165.76	-301.5	12.4	1,261.7	1,225.5	36.20	34.854	
7,100.0	6,947.5	6,958.8	6,926.9	28.6	8.7	165.93	-301.9	11.2	1,279.4	1,242.8	36.60	34.959	
7,125.0	6,971.7	6,980.8	6,948.8	28.7	8.8	166.01	-301.6	10.8	1,285.8	1,249.0	36.73	35.004	
7,200.0	7,044.5	7,036.1	7,004.1	29.1	8.8	166.19	-301.1	9.2	1,305.3	1,268.2	37.07	35.208	
7,220.0	7,063.9	7,051.8	7,019.8	29.2	8.8	166.24	-301.1	8.7	1,310.7	1,273.5	37.17	35.259	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
6,800.0	6,656.4	6,753.4	6,644.3	27.1	23.4	-2.68	-73.7	2,513.4	1,317.1	1,266.6	50.53	26.067	
6,840.0	6,695.2	6,792.2	6,683.1	27.3	23.4	-2.70	-73.7	2,513.4	1,307.5	1,256.7	50.74	25.770	
6,900.0	6,753.4	6,850.4	6,741.3	27.6	23.5	-2.73	-73.7	2,513.4	1,293.0	1,241.9	51.04	25.330	
6,935.0	6,787.4	6,884.4	6,775.3	27.8	23.5	-2.75	-73.7	2,513.4	1,284.5	1,233.3	51.22	25.076	
7,000.0	6,850.5	6,947.4	6,838.4	28.1	23.5	-2.78	-73.7	2,513.4	1,268.8	1,217.2	51.56	24.609	
7,030.0	6,879.6	6,976.6	6,867.5	28.2	23.5	-2.80	-73.7	2,513.4	1,261.5	1,209.8	51.71	24.395	
7,100.0	6,947.5	7,044.5	6,935.4	28.6	23.5	-2.83	-73.7	2,513.4	1,244.6	1,192.6	52.08	23.901	
7,125.0	6,971.7	7,068.7	6,959.6	28.7	23.5	-2.85	-73.7	2,513.4	1,238.6	1,186.4	52.20	23.726	
7,200.0	7,044.5	7,141.5	7,032.4	29.1	23.6	-2.89	-73.7	2,513.4	1,220.5	1,167.9	52.59	23.207	
7,220.0	7,063.9	7,160.9	7,051.8	29.2	23.6	-2.90	-73.7	2,513.4	1,215.6	1,162.9	52.69	23.069	
7,300.0	7,141.5	7,238.5	7,129.4	29.5	23.6	-2.95	-73.7	2,513.4	1,196.3	1,143.2	53.11	22.526	
7,315.0	7,156.1	7,253.1	7,144.0	29.6	23.6	-2.96	-73.7	2,513.4	1,192.7	1,139.5	53.19	22.425	
7,400.0	7,238.6	7,335.6	7,226.5	30.0	23.6	-3.01	-73.7	2,513.4	1,172.1	1,118.5	53.62	21.858	
7,410.0	7,248.3	7,345.3	7,236.2	30.1	23.6	-3.02	-73.7	2,513.4	1,169.7	1,116.0	53.68	21.792	
7,500.0	7,335.6	7,432.6	7,323.5	30.5	23.7	-3.07	-73.7	2,513.4	1,148.0	1,093.8	54.14	21.203	
7,505.0	7,340.5	7,437.4	7,328.4	30.5	23.7	-3.08	-73.7	2,513.4	1,146.8	1,092.6	54.17	21.171	
7,600.0	7,432.6	7,529.6	7,420.5	31.0	23.7	-3.14	-73.7	2,513.4	1,123.8	1,069.2	54.66	20.560	
7,602.3	7,434.9	7,531.9	7,422.8	31.0	23.7	-3.14	-73.7	2,513.4	1,123.3	1,068.6	54.67	20.545	
7,695.0	7,525.2	7,622.1	7,513.1	31.5	23.7	-3.18	-73.7	2,513.4	1,102.3	1,047.2	55.16	19.985	
7,700.0	7,530.1	7,627.0	7,518.0	31.5	23.7	-3.18	-73.7	2,513.4	1,101.3	1,046.1	55.18	19.956	
7,790.0	7,618.3	7,715.3	7,606.2	31.9	23.8	-3.21	-73.7	2,513.4	1,083.9	1,028.3	55.64	19.479	
7,800.0	7,628.2	7,725.2	7,616.1	32.0	23.8	-3.21	-73.7	2,513.4	1,082.1	1,026.5	55.69	19.430	
7,885.0	7,712.1	7,809.1	7,700.0	32.4	23.8	-3.24	-73.7	2,513.4	1,068.6	1,012.5	56.11	19.044	
7,900.0	7,726.9	7,823.9	7,714.8	32.4	23.8	-3.24	-73.7	2,513.4	1,066.4	1,010.3	56.19	18.981	
7,980.0	7,806.3	7,903.3	7,794.2	32.8	23.8	-3.26	-73.7	2,513.4	1,056.4	999.8	56.56	18.677	
8,000.0	7,826.2	7,923.2	7,814.1	32.9	23.8	-3.27	-73.7	2,513.4	1,054.2	997.5	56.65	18.608	
8,075.0	7,900.9	7,997.8	7,888.8	33.2	23.9	-3.28	-73.7	2,513.4	1,047.3	990.3	56.98	18.380	
8,100.0	7,925.8	8,022.8	7,913.7	33.3	23.9	-3.28	-73.7	2,513.4	1,045.4	988.3	57.09	18.312	
8,170.0	7,995.7	8,092.7	7,983.6	33.5	23.9	-3.29	-73.7	2,513.4	1,041.3	984.0	57.36	18.154	
8,200.0	8,025.6	8,122.6	8,013.5	33.6	23.9	-3.29	-73.7	2,513.4	1,040.1	982.6	57.48	18.095	
8,265.0	8,090.6	8,187.6	8,078.5	33.7	23.9	-3.30	-73.7	2,513.4	1,038.5	980.9	57.61	18.026	
8,302.4	8,128.0	8,225.0	8,115.9	33.8	23.9	89.74	-73.7	2,513.4	1,038.3	980.6	57.69	17.998	
8,360.0	8,185.6	8,282.6	8,173.5	33.8	24.0	89.74	-73.7	2,513.4	1,038.3	980.6	57.72	17.988	
8,400.0	8,225.6	8,322.6	8,213.5	33.8	24.0	89.74	-73.7	2,513.4	1,038.3	980.5	57.75	17.980	
8,455.0	8,280.6	8,377.6	8,268.5	33.8	24.0	89.74	-73.7	2,513.4	1,038.3	980.5	57.78	17.970	
8,500.0	8,325.6	8,422.6	8,313.5	33.8	24.0	89.74	-73.7	2,513.4	1,038.3	980.5	57.80	17.962	
8,550.0	8,375.6	8,472.6	8,363.5	33.8	24.0	89.74	-73.7	2,513.4	1,038.3	980.4	57.83	17.953	
8,600.0	8,425.6	8,522.6	8,413.5	33.9	24.1	89.74	-73.7	2,513.4	1,038.3	980.4	57.86	17.944	
8,645.0	8,470.6	8,567.6	8,458.5	33.9	24.1	89.74	-73.7	2,513.4	1,038.3	980.4	57.89	17.936	
8,700.0	8,525.6	8,622.6	8,513.5	33.9	24.1	89.74	-73.7	2,513.4	1,038.3	980.4	57.92	17.926	
8,740.0	8,565.6	8,662.6	8,553.5	33.9	24.1	89.74	-73.7	2,513.4	1,038.3	980.3	57.95	17.918	
8,800.0	8,625.6	8,722.6	8,613.5	33.9	24.1	89.74	-73.7	2,513.4	1,038.3	980.3	57.98	17.907	
8,835.0	8,660.6	8,757.6	8,648.5	33.9	24.1	89.74	-73.7	2,513.4	1,038.3	980.3	58.00	17.901	
8,900.0	8,725.6	8,822.6	8,713.5	33.9	24.2	89.74	-73.7	2,513.4	1,038.3	980.2	58.04	17.889	
8,930.0	8,755.6	8,852.6	8,743.5	33.9	24.2	89.74	-73.7	2,513.4	1,038.3	980.2	58.06	17.883	
9,000.0	8,825.6	8,922.6	8,813.5	33.9	24.2	89.74	-73.7	2,513.4	1,038.3	980.2	58.10	17.870	
9,025.0	8,850.6	8,947.6	8,838.5	33.9	24.2	89.74	-73.7	2,513.4	1,038.3	980.2	58.12	17.865	
9,100.0	8,925.6	9,022.6	8,913.5	34.0	24.2	89.74	-73.7	2,513.4	1,038.3	980.1	58.16	17.851	
9,120.0	8,945.6	9,042.6	8,933.5	34.0	24.2	89.74	-73.7	2,513.4	1,038.3	980.1	58.18	17.847	
9,200.0	9,025.6	9,122.6	9,013.5	34.0	24.3	89.74	-73.7	2,513.4	1,038.3	980.1	58.22	17.832	
9,215.0	9,040.6	9,137.6	9,028.5	34.0	24.3	89.74	-73.7	2,513.4	1,038.3	980.0	58.23	17.830	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
9,300.0	9,125.6	9,222.6	9,113.5	34.0	24.3	89.74	-73.7	2,513.4	1,038.3	980.0	58.29	17.814	
9,310.0	9,135.6	9,232.6	9,123.5	34.0	24.3	89.74	-73.7	2,513.4	1,038.3	980.0	58.29	17.812	
9,400.0	9,225.6	9,322.6	9,213.5	34.0	24.4	89.74	-73.7	2,513.4	1,038.3	979.9	58.35	17.795	
9,405.0	9,230.6	9,327.6	9,218.5	34.0	24.4	89.74	-73.7	2,513.4	1,038.3	979.9	58.35	17.794	
9,500.0	9,325.6	9,422.6	9,313.5	34.1	24.4	89.74	-73.7	2,513.4	1,038.3	979.9	58.41	17.776	
9,595.0	9,420.6	9,517.6	9,408.5	34.1	24.4	89.74	-73.7	2,513.4	1,038.3	979.8	58.47	17.757	
9,600.0	9,425.6	9,522.6	9,413.5	34.1	24.4	89.74	-73.7	2,513.4	1,038.3	979.8	58.47	17.757	
9,690.0	9,515.6	9,612.6	9,503.5	34.1	24.5	89.74	-73.7	2,513.4	1,038.3	979.8	58.53	17.739	
9,700.0	9,525.6	9,622.6	9,513.5	34.1	24.5	89.74	-73.7	2,513.4	1,038.3	979.7	58.54	17.737	
9,785.0	9,610.6	9,707.6	9,598.5	34.1	24.5	89.74	-73.7	2,513.4	1,038.3	979.7	58.59	17.721	
9,800.0	9,625.6	9,722.6	9,613.5	34.1	24.5	89.74	-73.7	2,513.4	1,038.3	979.7	58.60	17.718	
9,880.0	9,705.6	9,802.6	9,693.5	34.1	24.5	89.74	-73.7	2,513.4	1,038.3	979.6	58.65	17.703	
9,900.0	9,725.6	9,822.6	9,713.5	34.1	24.6	89.74	-73.7	2,513.4	1,038.3	979.6	58.66	17.699	
9,975.0	9,800.6	9,897.6	9,788.5	34.2	24.6	89.74	-73.7	2,513.4	1,038.3	979.6	58.71	17.684	
10,000.0	9,825.6	9,922.6	9,813.5	34.2	24.6	89.74	-73.7	2,513.4	1,038.3	979.6	58.73	17.679	
10,070.0	9,895.6	9,992.6	9,883.5	34.2	24.6	89.74	-73.7	2,513.4	1,038.3	979.5	58.77	17.666	
10,100.0	9,925.6	10,022.6	9,913.5	34.2	24.6	89.74	-73.7	2,513.4	1,038.3	979.5	58.79	17.661	
10,135.4	9,961.0	10,058.0	9,948.9	34.2	24.6	89.74	-73.7	2,513.4	1,038.3	979.5	58.80	17.657	
10,150.0	9,975.6	10,072.6	9,963.5	34.2	24.6	89.88	-73.7	2,513.4	1,038.3	979.5	58.81	17.656	
10,165.0	9,990.6	10,087.6	9,978.5	34.2	24.7	89.91	-73.6	2,513.4	1,038.3	979.5	58.81	17.654	
10,192.5	10,018.0	10,115.0	10,005.8	34.2	24.7	89.97	-72.6	2,513.4	1,038.3	979.5	58.82	17.652	CC
10,200.0	10,025.5	10,122.5	10,013.3	34.2	24.7	89.98	-72.0	2,513.4	1,038.3	979.5	58.82	17.652	
10,250.0	10,074.9	10,172.4	10,063.0	34.2	24.7	90.08	-66.1	2,513.4	1,038.3	979.4	58.83	17.648	
10,260.0	10,084.6	10,182.5	10,072.8	34.2	24.7	90.11	-64.4	2,513.4	1,038.3	979.4	58.83	17.647	
10,300.0	10,123.4	10,222.6	10,112.0	34.2	24.7	90.19	-55.8	2,513.4	1,038.3	979.4	58.84	17.645	
10,350.0	10,170.6	10,272.9	10,160.2	34.2	24.7	90.29	-41.2	2,513.3	1,038.3	979.4	58.86	17.642	
10,355.0	10,175.3	10,278.0	10,164.9	34.2	24.7	90.30	-39.5	2,513.3	1,038.3	979.4	58.86	17.641	
10,400.0	10,216.3	10,323.4	10,207.0	34.2	24.7	90.38	-22.4	2,513.3	1,038.3	979.5	58.87	17.639	
10,450.0	10,260.1	10,374.0	10,252.1	34.2	24.7	90.48	0.6	2,513.3	1,038.3	979.5	58.88	17.635	
10,500.0	10,301.5	10,424.8	10,295.1	34.2	24.7	90.57	27.5	2,513.2	1,038.4	979.5	58.89	17.632	
10,545.0	10,336.6	10,470.7	10,331.8	34.2	24.7	90.65	55.0	2,513.2	1,038.4	979.5	58.91	17.628	
10,550.0	10,340.4	10,475.8	10,335.8	34.2	24.7	90.66	58.2	2,513.1	1,038.4	979.5	58.91	17.627	
10,600.0	10,376.4	10,526.9	10,373.6	34.3	24.7	90.74	92.5	2,513.1	1,038.4	979.5	58.93	17.621	
10,640.0	10,402.9	10,567.8	10,401.6	34.3	24.7	90.80	122.4	2,513.0	1,038.4	979.5	58.95	17.616	
10,650.0	10,409.2	10,578.1	10,408.3	34.3	24.7	90.82	130.2	2,513.0	1,038.5	979.5	58.96	17.614	
10,700.0	10,438.6	10,629.4	10,439.6	34.3	24.8	90.89	170.9	2,512.9	1,038.5	979.5	58.99	17.605	
10,735.0	10,457.0	10,665.5	10,459.3	34.3	24.8	90.94	201.0	2,512.9	1,038.5	979.5	59.02	17.597	
10,750.0	10,464.4	10,680.9	10,467.1	34.3	24.8	90.95	214.3	2,512.8	1,038.5	979.5	59.03	17.593	
10,800.0	10,486.3	10,732.5	10,490.7	34.3	24.8	91.01	260.2	2,512.8	1,038.6	979.5	59.08	17.578	
10,830.0	10,497.6	10,763.5	10,502.9	34.3	24.9	91.04	288.7	2,512.7	1,038.6	979.5	59.12	17.568	
10,850.0	10,504.3	10,784.2	10,510.1	34.4	24.9	91.06	308.1	2,512.7	1,038.6	979.4	59.14	17.561	
10,900.0	10,518.1	10,835.9	10,525.2	34.4	24.9	91.10	357.6	2,512.6	1,038.6	979.4	59.21	17.540	
10,925.0	10,523.4	10,861.8	10,531.0	34.4	24.9	91.12	382.8	2,512.5	1,038.6	979.4	59.26	17.528	
10,950.0	10,527.6	10,887.7	10,535.7	34.4	25.0	91.13	408.3	2,512.5	1,038.6	979.3	59.30	17.516	
11,000.0	10,532.9	10,939.6	10,541.6	34.5	25.0	91.15	459.8	2,512.4	1,038.7	979.3	59.39	17.488	
11,020.0	10,533.8	10,960.4	10,542.7	34.5	25.1	91.16	480.5	2,512.3	1,038.7	979.2	59.43	17.476	
11,033.2	10,534.0	10,974.1	10,543.0	34.5	25.1	91.16	494.2	2,512.3	1,038.7	979.2	59.46	17.468	
11,100.0	10,534.3	11,041.0	10,543.3	34.6	25.2	91.16	561.1	2,512.2	1,038.7	979.1	59.62	17.421	
11,115.0	10,534.3	11,056.0	10,543.3	34.6	25.2	91.17	576.1	2,512.1	1,038.7	979.0	59.67	17.409	
11,200.0	10,534.6	11,141.0	10,543.7	34.7	25.3	91.17	661.1	2,512.0	1,038.7	978.8	59.91	17.339	
11,210.0	10,534.7	11,151.0	10,543.7	34.7	25.4	91.17	671.1	2,512.0	1,038.7	978.8	59.94	17.331	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
11,300.0	10,535.0	11,241.0	10,544.1	34.8	25.5	91.17	761.1	2,511.8	1,038.8	978.5	60.23	17.248	
11,305.0	10,535.0	11,246.0	10,544.1	34.8	25.6	91.17	766.1	2,511.8	1,038.8	978.5	60.24	17.243	
11,400.0	10,535.4	11,341.0	10,544.5	35.0	25.8	91.17	861.1	2,511.6	1,038.8	978.2	60.58	17.147	
11,495.0	10,535.8	11,436.0	10,544.9	35.2	26.0	91.17	956.1	2,511.4	1,038.8	977.9	60.96	17.042	
11,500.0	10,535.8	11,441.0	10,544.9	35.2	26.0	91.17	961.1	2,511.4	1,038.8	977.9	60.98	17.036	
11,590.0	10,536.1	11,531.0	10,545.3	35.3	26.2	91.17	1,051.1	2,511.2	1,038.9	977.5	61.36	16.930	
11,600.0	10,536.2	11,541.0	10,545.4	35.3	26.2	91.17	1,061.1	2,511.2	1,038.9	977.5	61.41	16.918	
11,685.0	10,536.5	11,626.0	10,545.7	35.5	26.5	91.18	1,146.1	2,511.0	1,038.9	977.1	61.80	16.810	
11,700.0	10,536.6	11,641.0	10,545.8	35.6	26.5	91.18	1,161.1	2,511.0	1,038.9	977.0	61.87	16.791	
11,780.0	10,536.9	11,721.0	10,546.1	35.7	26.8	91.18	1,241.1	2,510.9	1,038.9	976.7	62.27	16.684	
11,800.0	10,537.0	11,741.0	10,546.2	35.8	26.8	91.18	1,261.1	2,510.8	1,038.9	976.6	62.37	16.657	
11,875.0	10,537.2	11,816.0	10,546.5	35.9	27.0	91.18	1,336.1	2,510.7	1,039.0	976.2	62.77	16.552	
11,900.0	10,537.3	11,841.0	10,546.6	36.0	27.1	91.18	1,361.1	2,510.6	1,039.0	976.1	62.91	16.516	
11,970.0	10,537.6	11,911.0	10,546.9	36.2	27.4	91.18	1,431.1	2,510.5	1,039.0	975.7	63.30	16.414	
12,000.0	10,537.7	11,941.0	10,547.0	36.3	27.5	91.18	1,461.1	2,510.4	1,039.0	975.5	63.47	16.370	
12,065.0	10,538.0	12,006.0	10,547.3	36.4	27.7	91.18	1,526.1	2,510.3	1,039.0	975.2	63.86	16.271	
12,100.0	10,538.1	12,041.0	10,547.5	36.5	27.8	91.18	1,561.1	2,510.2	1,039.1	975.0	64.07	16.218	
12,160.0	10,538.3	12,101.0	10,547.7	36.7	28.0	91.18	1,621.1	2,510.1	1,039.1	974.6	64.44	16.124	
12,200.0	10,538.5	12,141.0	10,547.9	36.8	28.2	91.19	1,661.1	2,510.1	1,039.1	974.4	64.70	16.061	
12,255.0	10,538.7	12,196.0	10,548.1	36.9	28.4	91.19	1,716.1	2,509.9	1,039.1	974.0	65.06	15.972	
12,300.0	10,538.9	12,241.0	10,548.3	37.1	28.6	91.19	1,761.1	2,509.9	1,039.1	973.8	65.36	15.900	
12,350.0	10,539.1	12,291.0	10,548.5	37.2	28.8	91.19	1,811.1	2,509.8	1,039.1	973.4	65.70	15.817	
12,400.0	10,539.3	12,341.0	10,548.7	37.4	29.0	91.19	1,861.1	2,509.7	1,039.2	973.1	66.04	15.735	
12,445.0	10,539.4	12,386.0	10,548.9	37.5	29.1	91.19	1,906.1	2,509.6	1,039.2	972.8	66.36	15.659	
12,500.0	10,539.6	12,441.0	10,549.1	37.7	29.4	91.19	1,961.1	2,509.5	1,039.2	972.4	66.76	15.567	
12,540.0	10,539.8	12,481.0	10,549.3	37.8	29.5	91.19	2,001.1	2,509.4	1,039.2	972.2	67.05	15.499	
12,600.0	10,540.0	12,541.0	10,549.6	38.0	29.8	91.19	2,061.1	2,509.3	1,039.2	971.7	67.50	15.396	
12,635.0	10,540.2	12,576.0	10,549.7	38.1	29.9	91.19	2,096.1	2,509.2	1,039.2	971.5	67.76	15.336	
12,700.0	10,540.4	12,641.0	10,550.0	38.4	30.2	91.19	2,161.1	2,509.1	1,039.3	971.0	68.27	15.224	
12,730.0	10,540.5	12,671.0	10,550.1	38.5	30.4	91.19	2,191.1	2,509.0	1,039.3	970.8	68.50	15.171	
12,800.0	10,540.8	12,741.0	10,550.4	38.7	30.7	91.20	2,261.1	2,508.9	1,039.3	970.2	69.06	15.050	
12,825.0	10,540.9	12,766.0	10,550.5	38.8	30.8	91.20	2,286.1	2,508.8	1,039.3	970.0	69.26	15.006	
12,900.0	10,541.2	12,841.0	10,550.8	39.1	31.1	91.20	2,361.1	2,508.7	1,039.3	969.5	69.88	14.874	
12,920.0	10,541.3	12,861.0	10,550.9	39.2	31.2	91.20	2,381.1	2,508.7	1,039.3	969.3	70.04	14.839	
13,000.0	10,541.6	12,941.0	10,551.2	39.5	31.6	91.20	2,461.1	2,508.5	1,039.4	968.6	70.72	14.698	
13,015.0	10,541.6	12,956.0	10,551.3	39.5	31.7	91.20	2,476.1	2,508.5	1,039.4	968.5	70.84	14.671	
13,100.0	10,542.0	13,041.0	10,551.7	39.8	32.1	91.20	2,561.1	2,508.3	1,039.4	967.8	71.58	14.521	
13,110.0	10,542.0	13,051.0	10,551.7	39.9	32.2	91.20	2,571.1	2,508.3	1,039.4	967.7	71.67	14.503	
13,200.0	10,542.3	13,141.0	10,552.1	40.2	32.6	91.20	2,661.1	2,508.1	1,039.4	967.0	72.46	14.344	
13,205.0	10,542.4	13,146.0	10,552.1	40.3	32.6	91.20	2,666.1	2,508.1	1,039.4	966.9	72.51	14.335	
13,300.0	10,542.7	13,241.0	10,552.5	40.7	33.1	91.21	2,761.1	2,507.9	1,039.5	966.1	73.37	14.168	
13,395.0	10,543.1	13,336.0	10,552.9	41.0	33.6	91.21	2,856.1	2,507.7	1,039.5	965.2	74.25	14.000	
13,400.0	10,543.1	13,341.0	10,552.9	41.1	33.6	91.21	2,861.1	2,507.7	1,039.5	965.2	74.29	13.992	
13,490.0	10,543.5	13,431.0	10,553.3	41.5	34.1	91.21	2,951.1	2,507.6	1,039.5	964.4	75.14	13.834	
13,500.0	10,543.5	13,441.0	10,553.3	41.5	34.1	91.21	2,961.1	2,507.5	1,039.5	964.3	75.24	13.816	
13,585.0	10,543.8	13,526.0	10,553.7	41.9	34.6	91.21	3,046.1	2,507.4	1,039.6	963.5	76.06	13.668	
13,600.0	10,543.9	13,541.0	10,553.8	41.9	34.7	91.21	3,061.1	2,507.4	1,039.6	963.4	76.20	13.642	
13,680.0	10,544.2	13,621.0	10,554.1	42.3	35.1	91.21	3,141.1	2,507.2	1,039.6	962.6	76.99	13.503	
13,700.0	10,544.3	13,641.0	10,554.2	42.4	35.2	91.21	3,161.1	2,507.2	1,039.6	962.4	77.19	13.469	
13,775.0	10,544.6	13,716.0	10,554.5	42.7	35.6	91.21	3,236.1	2,507.0	1,039.6	961.7	77.93	13.340	
13,800.0	10,544.6	13,741.0	10,554.6	42.8	35.8	91.21	3,261.1	2,507.0	1,039.6	961.5	78.18	13.297	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
13,870.0	10,544.9	13,811.0	10,554.9	43.2	36.2	91.22	3,331.1	2,506.8	1,039.7	960.8	78.89	13.178	
13,900.0	10,545.0	13,841.0	10,555.0	43.3	36.3	91.22	3,361.1	2,506.8	1,039.7	960.5	79.20	13.127	
13,965.0	10,545.3	13,906.0	10,555.3	43.6	36.7	91.22	3,426.1	2,506.6	1,039.7	959.8	79.87	13.017	
14,000.0	10,545.4	13,941.0	10,555.4	43.8	36.9	91.22	3,461.1	2,506.6	1,039.7	959.5	80.23	12.959	
14,060.0	10,545.7	14,001.0	10,555.7	44.1	37.2	91.22	3,521.1	2,506.5	1,039.7	958.9	80.86	12.859	
14,100.0	10,545.8	14,041.0	10,555.8	44.2	37.5	91.22	3,561.1	2,506.4	1,039.7	958.5	81.28	12.792	
14,155.0	10,546.0	14,096.0	10,556.1	44.5	37.8	91.22	3,616.1	2,506.3	1,039.8	957.9	81.86	12.701	
14,200.0	10,546.2	14,141.0	10,556.3	44.7	38.0	91.22	3,661.1	2,506.2	1,039.8	957.4	82.34	12.628	
14,250.0	10,546.4	14,191.0	10,556.5	45.0	38.3	91.22	3,711.1	2,506.1	1,039.8	956.9	82.88	12.546	
14,300.0	10,546.6	14,241.0	10,556.7	45.2	38.6	91.22	3,761.1	2,506.0	1,039.8	956.4	83.42	12.465	
14,345.0	10,546.7	14,286.0	10,556.9	45.5	38.9	91.22	3,806.1	2,505.9	1,039.8	955.9	83.91	12.393	
14,400.0	10,547.0	14,341.0	10,557.1	45.7	39.2	91.23	3,861.1	2,505.8	1,039.8	955.3	84.51	12.305	
14,440.0	10,547.1	14,381.0	10,557.3	45.9	39.5	91.23	3,901.1	2,505.7	1,039.9	954.9	84.95	12.241	
14,500.0	10,547.3	14,441.0	10,557.5	46.2	39.8	91.23	3,961.1	2,505.6	1,039.9	954.3	85.61	12.147	
14,535.0	10,547.5	14,476.0	10,557.7	46.4	40.0	91.23	3,996.1	2,505.5	1,039.9	953.9	86.00	12.092	
14,600.0	10,547.7	14,541.0	10,557.9	46.7	40.4	91.23	4,061.1	2,505.4	1,039.9	953.2	86.73	11.991	
14,630.0	10,547.8	14,571.0	10,558.1	46.9	40.6	91.23	4,091.1	2,505.4	1,039.9	952.9	87.06	11.944	
14,700.0	10,548.1	14,641.0	10,558.4	47.3	41.0	91.23	4,161.1	2,505.2	1,039.9	952.1	87.85	11.837	
14,725.0	10,548.2	14,666.0	10,558.5	47.4	41.2	91.23	4,186.1	2,505.2	1,040.0	951.8	88.14	11.799	
14,800.0	10,548.5	14,741.0	10,558.8	47.8	41.6	91.23	4,261.1	2,505.0	1,040.0	951.0	88.99	11.686	
14,820.0	10,548.6	14,761.0	10,558.9	47.9	41.8	91.23	4,281.1	2,505.0	1,040.0	950.8	89.22	11.656	
14,900.0	10,548.9	14,841.0	10,559.2	48.3	42.3	91.24	4,361.1	2,504.8	1,040.0	949.9	90.14	11.537	
14,915.0	10,548.9	14,856.0	10,559.3	48.4	42.3	91.24	4,376.1	2,504.8	1,040.0	949.7	90.32	11.515	
15,000.0	10,549.3	14,941.0	10,559.6	48.9	42.9	91.24	4,461.1	2,504.6	1,040.1	948.7	91.31	11.391	
15,010.0	10,549.3	14,951.0	10,559.7	48.9	42.9	91.24	4,471.1	2,504.6	1,040.1	948.6	91.42	11.376	
15,100.0	10,549.7	15,041.0	10,560.0	49.4	43.5	91.24	4,561.1	2,504.5	1,040.1	947.6	92.48	11.247	
15,105.0	10,549.7	15,046.0	10,560.1	49.4	43.5	91.24	4,566.1	2,504.4	1,040.1	947.5	92.54	11.240	
15,200.0	10,550.0	15,141.0	10,560.5	50.0	44.1	91.24	4,661.1	2,504.3	1,040.1	946.5	93.66	11.105	
15,295.0	10,550.4	15,236.0	10,560.9	50.5	44.7	91.24	4,756.1	2,504.1	1,040.2	945.4	94.79	10.973	
15,300.0	10,550.4	15,241.0	10,560.9	50.5	44.8	91.24	4,761.1	2,504.1	1,040.2	945.3	94.85	10.966	
15,390.0	10,550.8	15,331.0	10,561.3	51.0	45.3	91.24	4,851.1	2,503.9	1,040.2	944.3	95.93	10.843	
15,400.0	10,550.8	15,341.0	10,561.3	51.1	45.4	91.24	4,861.1	2,503.9	1,040.2	944.1	96.05	10.829	
15,485.0	10,551.1	15,426.0	10,561.7	51.6	46.0	91.25	4,946.1	2,503.7	1,040.2	943.1	97.08	10.715	
15,500.0	10,551.2	15,441.0	10,561.7	51.7	46.0	91.25	4,961.1	2,503.7	1,040.2	943.0	97.26	10.695	
15,580.0	10,551.5	15,521.0	10,562.1	52.1	46.6	91.25	5,041.1	2,503.5	1,040.2	942.0	98.24	10.589	
15,600.0	10,551.6	15,541.0	10,562.1	52.2	46.7	91.25	5,061.1	2,503.5	1,040.3	941.8	98.48	10.563	
15,675.0	10,551.9	15,616.0	10,562.5	52.7	47.2	91.25	5,136.1	2,503.3	1,040.3	940.9	99.40	10.465	
15,700.0	10,552.0	15,641.0	10,562.6	52.8	47.3	91.25	5,161.1	2,503.3	1,040.3	940.6	99.71	10.433	
15,770.0	10,552.2	15,711.0	10,562.8	53.2	47.8	91.25	5,231.1	2,503.2	1,040.3	939.7	100.57	10.344	
15,800.0	10,552.3	15,741.0	10,563.0	53.4	48.0	91.25	5,261.1	2,503.1	1,040.3	939.4	100.95	10.306	
15,865.0	10,552.6	15,806.0	10,563.2	53.8	48.4	91.25	5,326.1	2,503.0	1,040.3	938.6	101.75	10.224	
15,900.0	10,552.7	15,841.0	10,563.4	54.0	48.7	91.25	5,361.1	2,502.9	1,040.4	938.2	102.19	10.181	
15,960.0	10,553.0	15,901.0	10,563.6	54.3	49.0	91.25	5,421.1	2,502.8	1,040.4	937.4	102.94	10.107	
16,000.0	10,553.1	15,941.0	10,563.8	54.6	49.3	91.26	5,461.1	2,502.7	1,040.4	937.0	103.44	10.058	
16,055.0	10,553.3	15,996.0	10,564.0	54.9	49.7	91.26	5,516.1	2,502.6	1,040.4	936.3	104.13	9.991	
16,100.0	10,553.5	16,041.0	10,564.2	55.2	50.0	91.26	5,561.1	2,502.5	1,040.4	935.7	104.70	9.937	
16,150.0	10,553.7	16,091.0	10,564.4	55.5	50.3	91.26	5,611.1	2,502.4	1,040.4	935.1	105.33	9.878	
16,200.0	10,553.9	16,141.0	10,564.7	55.8	50.6	91.26	5,661.1	2,502.3	1,040.5	934.5	105.96	9.819	
16,245.0	10,554.1	16,186.0	10,564.8	56.0	50.9	91.26	5,706.1	2,502.2	1,040.5	933.9	106.53	9.767	
16,300.0	10,554.3	16,241.0	10,565.1	56.4	51.3	91.26	5,761.1	2,502.1	1,040.5	933.3	107.23	9.703	
16,340.0	10,554.4	16,281.0	10,565.2	56.6	51.6	91.26	5,801.1	2,502.1	1,040.5	932.8	107.74	9.657	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
16,400.0	10,554.7	16,341.0	10,565.5	57.0	52.0	91.26	5,861.1	2,501.9	1,040.5	932.0	108.51	9.589	
16,435.0	10,554.8	16,376.0	10,565.6	57.2	52.2	91.26	5,896.1	2,501.9	1,040.5	931.6	108.96	9.550	
16,500.0	10,555.0	16,441.0	10,565.9	57.6	52.6	91.26	5,961.1	2,501.8	1,040.6	930.8	109.80	9.477	
16,530.0	10,555.2	16,471.0	10,566.0	57.8	52.9	91.27	5,991.1	2,501.7	1,040.6	930.4	110.18	9.444	
16,600.0	10,555.4	16,541.0	10,566.3	58.2	53.3	91.27	6,061.1	2,501.6	1,040.6	929.5	111.09	9.367	
16,625.0	10,555.5	16,566.0	10,566.4	58.3	53.5	91.27	6,086.1	2,501.5	1,040.6	929.2	111.41	9.340	
16,700.0	10,555.8	16,641.0	10,566.7	58.8	54.0	91.27	6,161.1	2,501.4	1,040.6	928.3	112.38	9.260	
16,720.0	10,555.9	16,661.0	10,566.8	58.9	54.1	91.27	6,181.1	2,501.3	1,040.6	928.0	112.64	9.238	
16,800.0	10,556.2	16,741.0	10,567.2	59.4	54.7	91.27	6,261.1	2,501.2	1,040.7	927.0	113.68	9.154	
16,815.0	10,556.3	16,756.0	10,567.2	59.5	54.8	91.27	6,276.1	2,501.1	1,040.7	926.8	113.88	9.138	
16,900.0	10,556.6	16,841.0	10,567.6	60.0	55.4	91.27	6,361.1	2,501.0	1,040.7	925.7	114.99	9.050	
16,910.0	10,556.6	16,851.0	10,567.6	60.1	55.4	91.27	6,371.1	2,501.0	1,040.7	925.6	115.12	9.040	
17,000.0	10,557.0	16,941.0	10,568.0	60.7	56.0	91.27	6,461.1	2,500.8	1,040.7	924.4	116.30	8.948	
17,005.0	10,557.0	16,946.0	10,568.0	60.7	56.1	91.27	6,466.1	2,500.8	1,040.7	924.4	116.37	8.943	
17,100.0	10,557.4	17,041.0	10,568.4	61.3	56.7	91.28	6,561.1	2,500.6	1,040.8	923.2	117.62	8.848	
17,195.0	10,557.7	17,136.0	10,568.8	61.9	57.4	91.28	6,656.1	2,500.4	1,040.8	921.9	118.88	8.755	
17,200.0	10,557.7	17,141.0	10,568.8	61.9	57.4	91.28	6,661.1	2,500.4	1,040.8	921.9	118.95	8.750	
17,290.0	10,558.1	17,231.0	10,569.2	62.5	58.0	91.28	6,751.0	2,500.2	1,040.8	920.7	120.14	8.664	
17,300.0	10,558.1	17,241.0	10,569.3	62.6	58.1	91.28	6,761.0	2,500.2	1,040.8	920.6	120.27	8.654	
17,385.0	10,558.5	17,326.0	10,569.6	63.1	58.7	91.28	6,846.0	2,500.0	1,040.9	919.5	121.40	8.574	
17,400.0	10,558.5	17,341.0	10,569.7	63.2	58.8	91.28	6,861.0	2,500.0	1,040.9	919.3	121.60	8.560	
17,480.0	10,558.8	17,421.0	10,570.0	63.7	59.4	91.28	6,941.0	2,499.9	1,040.9	918.2	122.67	8.485	
17,500.0	10,558.9	17,441.0	10,570.1	63.9	59.5	91.28	6,961.0	2,499.8	1,040.9	918.0	122.94	8.467	
17,575.0	10,559.2	17,516.0	10,570.4	64.3	60.0	91.28	7,036.0	2,499.7	1,040.9	917.0	123.95	8.398	
17,600.0	10,559.3	17,541.0	10,570.5	64.5	60.2	91.29	7,061.0	2,499.6	1,040.9	916.7	124.28	8.376	
17,670.0	10,559.5	17,611.0	10,570.8	64.9	60.7	91.29	7,131.0	2,499.5	1,041.0	915.7	125.22	8.313	
17,700.0	10,559.7	17,641.0	10,570.9	65.1	60.9	91.29	7,161.0	2,499.4	1,041.0	915.4	125.63	8.286	
17,765.0	10,559.9	17,706.0	10,571.2	65.6	61.3	91.29	7,226.0	2,499.3	1,041.0	914.5	126.50	8.229	
17,800.0	10,560.0	17,741.0	10,571.4	65.8	61.6	91.29	7,261.0	2,499.2	1,041.0	914.0	126.98	8.198	
17,860.0	10,560.3	17,801.0	10,571.6	66.2	62.0	91.29	7,321.0	2,499.1	1,041.0	913.2	127.79	8.147	
17,900.0	10,560.4	17,841.0	10,571.8	66.4	62.3	91.29	7,361.0	2,499.1	1,041.1	912.7	128.33	8.112	
17,955.0	10,560.6	17,896.0	10,572.0	66.8	62.7	91.29	7,416.0	2,498.9	1,041.1	912.0	129.08	8.066	
18,000.0	10,560.8	17,941.0	10,572.2	67.1	63.0	91.29	7,461.0	2,498.9	1,041.1	911.4	129.69	8.028	
18,050.0	10,561.0	17,991.0	10,572.4	67.4	63.3	91.29	7,511.0	2,498.8	1,041.1	910.7	130.37	7.986	
18,100.0	10,561.2	18,041.0	10,572.6	67.7	63.7	91.29	7,561.0	2,498.7	1,041.1	910.1	131.05	7.945	
18,145.0	10,561.4	18,086.0	10,572.8	68.0	64.0	91.30	7,606.0	2,498.6	1,041.1	909.5	131.66	7.908	
18,200.0	10,561.6	18,141.0	10,573.0	68.4	64.4	91.30	7,661.0	2,498.5	1,041.2	908.7	132.41	7.863	
18,240.0	10,561.7	18,181.0	10,573.2	68.7	64.7	91.30	7,701.0	2,498.4	1,041.2	908.2	132.96	7.831	
18,300.0	10,562.0	18,241.0	10,573.5	69.1	65.1	91.30	7,761.0	2,498.3	1,041.2	907.4	133.78	7.783	
18,335.0	10,562.1	18,276.0	10,573.6	69.3	65.3	91.30	7,796.0	2,498.2	1,041.2	906.9	134.26	7.755	
18,400.0	10,562.4	18,341.0	10,573.9	69.7	65.8	91.30	7,861.0	2,498.1	1,041.2	906.1	135.15	7.704	
18,430.0	10,562.5	18,371.0	10,574.0	69.9	66.0	91.30	7,891.0	2,498.0	1,041.2	905.7	135.56	7.681	
18,500.0	10,562.7	18,441.0	10,574.3	70.4	66.5	91.30	7,961.0	2,497.9	1,041.3	904.7	136.52	7.627	
18,525.0	10,562.8	18,466.0	10,574.4	70.6	66.7	91.30	7,986.0	2,497.8	1,041.3	904.4	136.87	7.608	
18,600.0	10,563.1	18,541.0	10,574.7	71.1	67.2	91.30	8,061.0	2,497.7	1,041.3	903.4	137.90	7.551	
18,620.0	10,563.2	18,561.0	10,574.8	71.2	67.4	91.30	8,081.0	2,497.7	1,041.3	903.1	138.18	7.536	
18,700.0	10,563.5	18,641.0	10,575.1	71.7	67.9	91.31	8,161.0	2,497.5	1,041.3	902.0	139.28	7.476	
18,715.0	10,563.6	18,656.0	10,575.2	71.8	68.0	91.31	8,176.0	2,497.5	1,041.3	901.8	139.49	7.465	
18,800.0	10,563.9	18,741.0	10,575.6	72.4	68.6	91.31	8,261.0	2,497.3	1,041.4	900.7	140.67	7.403	
18,810.0	10,563.9	18,751.0	10,575.6	72.5	68.7	91.31	8,271.0	2,497.3	1,041.4	900.6	140.80	7.396	
18,900.0	10,564.3	18,841.0	10,576.0	73.1	69.4	91.31	8,361.0	2,497.1	1,041.4	899.3	142.05	7.331	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
18,905.0	10,564.3	18,846.0	10,576.0	73.1	69.4	91.31	8,366.0	2,497.1	1,041.4	899.3	142.12	7.327	
19,000.0	10,564.7	18,941.0	10,576.4	73.7	70.1	91.31	8,461.0	2,496.9	1,041.4	898.0	143.44	7.260	
19,095.0	10,565.0	19,036.0	10,576.8	74.4	70.7	91.31	8,556.0	2,496.7	1,041.5	896.7	144.76	7.194	
19,100.0	10,565.1	19,041.0	10,576.8	74.4	70.8	91.31	8,561.0	2,496.7	1,041.5	896.6	144.83	7.191	
19,190.0	10,565.4	19,131.0	10,577.2	75.0	71.4	91.31	8,651.0	2,496.6	1,041.5	895.4	146.09	7.129	
19,200.0	10,565.4	19,141.0	10,577.2	75.1	71.5	91.31	8,661.0	2,496.5	1,041.5	895.3	146.23	7.122	
19,285.0	10,565.8	19,226.0	10,577.6	75.7	72.1	91.32	8,746.0	2,496.4	1,041.5	894.1	147.42	7.065	
19,300.0	10,565.8	19,241.0	10,577.7	75.8	72.2	91.32	8,761.0	2,496.4	1,041.5	893.9	147.63	7.055	
19,380.0	10,566.1	19,321.0	10,578.0	76.3	72.8	91.32	8,841.0	2,496.2	1,041.6	892.8	148.75	7.002	
19,400.0	10,566.2	19,341.0	10,578.1	76.5	72.9	91.32	8,861.0	2,496.2	1,041.6	892.5	149.03	6.989	
19,475.0	10,566.5	19,416.0	10,578.4	77.0	73.5	91.32	8,936.0	2,496.0	1,041.6	891.5	150.08	6.940	
19,500.0	10,566.6	19,441.0	10,578.5	77.1	73.6	91.32	8,961.0	2,496.0	1,041.6	891.2	150.43	6.924	
19,570.0	10,566.9	19,511.0	10,578.8	77.6	74.2	91.32	9,031.0	2,495.8	1,041.6	890.2	151.41	6.879	
19,600.0	10,567.0	19,541.0	10,578.9	77.8	74.4	91.32	9,061.0	2,495.8	1,041.6	889.8	151.83	6.860	
19,665.0	10,567.2	19,606.0	10,579.2	78.3	74.8	91.32	9,126.0	2,495.6	1,041.7	888.9	152.75	6.820	
19,700.0	10,567.4	19,641.0	10,579.3	78.5	75.1	91.32	9,161.0	2,495.6	1,041.7	888.4	153.24	6.798	
19,760.0	10,567.6	19,701.0	10,579.6	78.9	75.5	91.33	9,221.0	2,495.5	1,041.7	887.6	154.08	6.761	
19,800.0	10,567.7	19,741.0	10,579.7	79.2	75.8	91.33	9,261.0	2,495.4	1,041.7	887.1	154.65	6.736	
19,855.0	10,568.0	19,796.0	10,580.0	79.6	76.2	91.33	9,316.0	2,495.3	1,041.7	886.3	155.42	6.702	
19,900.0	10,568.1	19,841.0	10,580.2	79.9	76.5	91.33	9,361.0	2,495.2	1,041.7	885.7	156.06	6.675	
19,950.0	10,568.3	19,891.0	10,580.4	80.2	76.9	91.33	9,411.0	2,495.1	1,041.8	885.0	156.77	6.645	
20,000.0	10,568.5	19,941.0	10,580.6	80.6	77.3	91.33	9,461.0	2,495.0	1,041.8	884.3	157.47	6.616	
20,045.0	10,568.7	19,986.0	10,580.8	80.9	77.6	91.33	9,506.0	2,494.9	1,041.8	883.7	158.11	6.589	
20,100.0	10,568.9	20,041.0	10,581.0	81.3	78.0	91.33	9,561.0	2,494.8	1,041.8	882.9	158.89	6.557	
20,140.0	10,569.1	20,081.0	10,581.2	81.5	78.3	91.33	9,601.0	2,494.7	1,041.8	882.4	159.46	6.534	
20,200.0	10,569.3	20,141.0	10,581.4	81.9	78.7	91.33	9,661.0	2,494.6	1,041.8	881.5	160.31	6.499	
20,235.0	10,569.4	20,176.0	10,581.6	82.2	79.0	91.33	9,696.0	2,494.5	1,041.9	881.1	160.80	6.479	
20,300.0	10,569.7	20,241.0	10,581.8	82.6	79.4	91.34	9,761.0	2,494.4	1,041.9	880.2	161.73	6.442	
20,330.0	10,569.8	20,271.0	10,582.0	82.8	79.6	91.34	9,791.0	2,494.4	1,041.9	879.7	162.15	6.425	
20,400.0	10,570.1	20,341.0	10,582.3	83.3	80.2	91.34	9,861.0	2,494.2	1,041.9	878.8	163.15	6.386	
20,425.0	10,570.2	20,366.0	10,582.4	83.5	80.3	91.34	9,886.0	2,494.2	1,041.9	878.4	163.50	6.372	
20,500.0	10,570.4	20,441.0	10,582.7	84.0	80.9	91.34	9,961.0	2,494.0	1,041.9	877.4	164.57	6.331	
20,520.0	10,570.5	20,461.0	10,582.8	84.2	81.0	91.34	9,981.0	2,494.0	1,042.0	877.1	164.86	6.320	
20,600.0	10,570.8	20,541.0	10,583.1	84.7	81.6	91.34	10,061.0	2,493.8	1,042.0	876.0	166.00	6.277	
20,615.0	10,570.9	20,556.0	10,583.2	84.8	81.7	91.34	10,076.0	2,493.8	1,042.0	875.8	166.21	6.269	
20,700.0	10,571.2	20,641.0	10,583.5	85.4	82.3	91.34	10,161.0	2,493.7	1,042.0	874.6	167.42	6.224	
20,710.0	10,571.2	20,651.0	10,583.6	85.5	82.4	91.34	10,171.0	2,493.6	1,042.0	874.5	167.57	6.219	
20,800.0	10,571.6	20,741.0	10,583.9	86.1	83.1	91.34	10,261.0	2,493.5	1,042.1	873.2	168.85	6.171	
20,805.0	10,571.6	20,746.0	10,584.0	86.2	83.1	91.34	10,266.0	2,493.4	1,042.1	873.1	168.92	6.169	
20,900.0	10,572.0	20,841.0	10,584.4	86.8	83.8	91.35	10,361.0	2,493.3	1,042.1	871.8	170.28	6.120	
20,995.0	10,572.3	20,936.0	10,584.8	87.5	84.5	91.35	10,456.0	2,493.1	1,042.1	870.5	171.64	6.071	
21,000.0	10,572.4	20,941.0	10,584.8	87.5	84.5	91.35	10,461.0	2,493.1	1,042.1	870.4	171.72	6.069	
21,090.0	10,572.7	21,031.0	10,585.2	88.1	85.2	91.35	10,551.0	2,492.9	1,042.2	869.1	173.01	6.024	
21,100.0	10,572.8	21,041.0	10,585.2	88.2	85.2	91.35	10,561.0	2,492.9	1,042.2	869.0	173.15	6.019	
21,185.0	10,573.1	21,126.0	10,585.6	88.8	85.9	91.35	10,646.0	2,492.7	1,042.2	867.8	174.37	5.977	
21,200.0	10,573.1	21,141.0	10,585.6	88.9	86.0	91.35	10,661.0	2,492.7	1,042.2	867.6	174.58	5.970	
21,280.0	10,573.4	21,221.0	10,586.0	89.5	86.6	91.35	10,741.0	2,492.5	1,042.2	866.5	175.73	5.931	
21,300.0	10,573.5	21,241.0	10,586.0	89.6	86.7	91.35	10,761.0	2,492.5	1,042.2	866.2	176.02	5.921	
21,375.0	10,573.8	21,316.0	10,586.4	90.2	87.3	91.35	10,836.0	2,492.3	1,042.2	865.2	177.10	5.885	
21,400.0	10,573.9	21,341.0	10,586.5	90.3	87.4	91.36	10,861.0	2,492.3	1,042.3	864.8	177.46	5.873	
21,470.0	10,574.2	21,411.0	10,586.7	90.8	88.0	91.36	10,931.0	2,492.2	1,042.3	863.8	178.47	5.840	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 #904H - 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, 10079-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
21,500.0	10,574.3	21,441.0	10,586.9	91.0	88.2	91.36	10,961.0	2,492.1	1,042.3	863.4	178.90	5.826	
21,565.0	10,574.5	21,506.0	10,587.1	91.5	88.7	91.36	11,026.0	2,492.0	1,042.3	862.5	179.84	5.796	
21,600.0	10,574.7	21,541.0	10,587.3	91.7	88.9	91.36	11,061.0	2,491.9	1,042.3	862.0	180.34	5.780	
21,660.0	10,574.9	21,601.0	10,587.5	92.2	89.3	91.36	11,121.0	2,491.8	1,042.3	861.1	181.21	5.752	
21,700.0	10,575.1	21,641.0	10,587.7	92.4	89.6	91.36	11,161.0	2,491.7	1,042.4	860.6	181.78	5.734	
21,755.0	10,575.3	21,696.0	10,587.9	92.8	90.0	91.36	11,216.0	2,491.6	1,042.4	859.8	182.58	5.709	
21,800.0	10,575.4	21,741.0	10,588.1	93.2	90.4	91.36	11,261.0	2,491.5	1,042.4	859.2	183.23	5.689	
21,850.0	10,575.6	21,791.0	10,588.3	93.5	90.7	91.36	11,311.0	2,491.4	1,042.4	858.5	183.95	5.667	
21,900.0	10,575.8	21,841.0	10,588.6	93.9	91.1	91.36	11,361.0	2,491.3	1,042.4	857.8	184.67	5.645	
21,945.0	10,576.0	21,886.0	10,588.7	94.2	91.4	91.37	11,406.0	2,491.2	1,042.4	857.1	185.32	5.625	
22,000.0	10,576.2	21,941.0	10,589.0	94.6	91.8	91.37	11,461.0	2,491.1	1,042.5	856.3	186.12	5.601	
22,040.0	10,576.4	21,981.0	10,589.1	94.9	92.1	91.37	11,501.0	2,491.1	1,042.5	855.8	186.70	5.584	
22,100.0	10,576.6	22,041.0	10,589.4	95.3	92.6	91.37	11,561.0	2,490.9	1,042.5	854.9	187.57	5.558	
22,135.0	10,576.7	22,076.0	10,589.5	95.5	92.8	91.37	11,596.0	2,490.9	1,042.5	854.4	188.07	5.543	
22,200.0	10,577.0	22,141.0	10,589.8	96.0	93.3	91.37	11,661.0	2,490.8	1,042.5	853.5	189.02	5.516	
22,230.0	10,577.1	22,171.0	10,589.9	96.2	93.5	91.37	11,691.0	2,490.7	1,042.5	853.1	189.45	5.503	
22,300.0	10,577.4	22,241.0	10,590.2	96.7	94.0	91.37	11,761.0	2,490.6	1,042.6	852.1	190.47	5.474	
22,325.0	10,577.5	22,266.0	10,590.3	96.9	94.2	91.37	11,786.0	2,490.5	1,042.6	851.7	190.83	5.463	
22,400.0	10,577.8	22,341.0	10,590.6	97.4	94.8	91.37	11,861.0	2,490.4	1,042.6	850.7	191.92	5.433	
22,420.0	10,577.8	22,361.0	10,590.7	97.6	94.9	91.37	11,881.0	2,490.3	1,042.6	850.4	192.21	5.424	
22,500.0	10,578.1	22,441.0	10,591.1	98.1	95.5	91.38	11,961.0	2,490.2	1,042.6	849.3	193.37	5.392	
22,515.0	10,578.2	22,456.0	10,591.1	98.2	95.6	91.38	11,976.0	2,490.1	1,042.6	849.1	193.59	5.386	
22,593.5	10,578.5	22,534.5	10,591.5	98.8	96.2	91.38	12,054.5	2,490.0	1,042.7	847.9	194.73	5.355	
22,600.0	10,578.5	22,541.0	10,591.5	98.9	96.3	91.38	12,061.0	2,490.0	1,042.7	847.9	194.82	5.352	
22,610.0	10,578.6	22,551.0	10,591.5	98.9	96.3	91.38	12,071.0	2,490.0	1,042.7	847.7	194.97	5.348	
22,700.0	10,578.9	22,641.0	10,591.9	99.6	97.0	91.38	12,161.0	2,489.8	1,042.7	846.4	196.27	5.313	
22,705.0	10,578.9	22,646.0	10,591.9	99.6	97.0	91.38	12,166.0	2,489.8	1,042.7	846.4	196.35	5.311	
22,723.5	10,579.0	22,663.2	10,592.0	99.7	97.2	91.38	12,183.2	2,489.7	1,042.7	846.1	196.61	5.304	ES, 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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
6,270.0	6,142.1	6,554.3	6,418.0	24.6	25.9	-15.54	193.4	2,328.3	1,316.4	1,269.3	47.09	27.955	
6,300.0	6,171.3	6,580.8	6,443.7	24.7	26.1	-15.76	195.0	2,322.1	1,303.2	1,255.9	47.30	27.552	
6,365.0	6,234.3	6,638.3	6,499.5	25.0	26.3	-16.26	198.6	2,308.7	1,274.6	1,226.9	47.75	26.694	
6,400.0	6,268.3	6,669.2	6,529.5	25.2	26.5	-16.54	200.5	2,301.4	1,259.3	1,211.3	47.99	26.241	
6,460.0	6,326.5	6,722.3	6,581.0	25.5	26.8	-17.03	203.8	2,289.0	1,233.0	1,184.6	48.39	25.480	
6,500.0	6,365.3	6,757.6	6,615.3	25.7	26.9	-17.38	206.0	2,280.8	1,215.6	1,166.9	48.66	24.983	
6,555.0	6,418.7	6,806.3	6,662.5	25.9	27.2	-17.86	209.1	2,269.4	1,191.6	1,142.6	49.01	24.313	
6,600.0	6,462.3	6,846.1	6,701.1	26.2	27.4	-18.27	211.5	2,260.1	1,172.1	1,122.8	49.30	23.776	
6,650.0	6,510.9	6,890.3	6,744.0	26.4	27.6	-18.74	214.3	2,249.8	1,150.4	1,100.8	49.61	23.191	
6,700.0	6,559.4	6,934.5	6,786.9	26.6	27.8	-19.23	217.0	2,239.4	1,128.9	1,079.0	49.91	22.618	
6,745.0	6,603.0	6,974.3	6,825.5	26.9	28.0	-19.68	219.5	2,230.1	1,109.5	1,059.3	50.18	22.112	
6,800.0	6,656.4	7,022.9	6,872.7	27.1	28.2	-20.26	222.5	2,218.8	1,085.9	1,035.4	50.49	21.508	
6,840.0	6,695.2	7,058.3	6,907.0	27.3	28.4	-20.69	224.7	2,210.5	1,068.8	1,018.1	50.71	21.077	
6,900.0	6,753.4	7,111.3	6,958.5	27.6	28.6	-21.37	228.0	2,198.1	1,043.3	992.3	51.03	20.445	
6,935.0	6,787.4	7,142.3	6,988.5	27.8	28.8	-21.78	230.0	2,190.9	1,028.5	977.3	51.21	20.084	
7,000.0	6,850.5	7,199.7	7,044.3	28.1	29.1	-22.57	233.5	2,177.4	1,001.1	949.5	51.52	19.429	
7,030.0	6,879.6	7,226.3	7,070.0	28.2	29.2	-22.95	235.2	2,171.2	988.5	936.8	51.66	19.133	
7,100.0	6,947.5	7,288.2	7,130.1	28.6	29.5	-23.88	239.0	2,156.8	959.2	907.3	51.96	18.460	
7,125.0	6,971.7	7,310.3	7,151.5	28.7	29.6	-24.22	240.4	2,151.6	948.8	896.8	52.06	18.224	
7,200.0	7,044.5	7,376.6	7,215.9	29.1	29.9	-25.29	244.5	2,136.1	917.9	865.5	52.34	17.537	
7,220.0	7,063.9	7,394.3	7,233.0	29.2	30.0	-25.59	245.7	2,131.9	909.7	857.3	52.41	17.358	
7,300.0	7,141.5	7,465.0	7,301.7	29.5	30.4	-26.83	250.1	2,115.4	877.0	824.4	52.64	16.660	
7,315.0	7,156.1	7,478.3	7,314.5	29.6	30.4	-27.07	250.9	2,112.3	871.0	818.3	52.68	16.533	
7,400.0	7,238.6	7,545.0	7,379.3	30.0	30.7	-28.33	255.0	2,096.9	837.1	784.1	52.94	15.812	
7,410.0	7,248.3	7,552.2	7,386.4	30.1	30.8	-28.47	255.4	2,095.3	833.2	780.2	52.97	15.729	
7,500.0	7,335.6	7,618.2	7,450.8	30.5	31.1	-29.73	259.1	2,081.6	799.3	746.1	53.23	15.017	
7,505.0	7,340.5	7,621.9	7,454.4	30.5	31.1	-29.81	259.3	2,080.8	797.5	744.3	53.24	14.979	
7,600.0	7,432.6	7,700.0	7,531.1	31.0	31.5	-31.32	263.1	2,066.5	764.1	710.7	53.38	14.315	
7,602.3	7,434.9	7,700.0	7,531.1	31.0	31.5	-31.32	263.1	2,066.5	763.3	709.9	53.39	14.295	
7,695.0	7,525.2	7,766.6	7,596.7	31.5	31.8	-32.22	265.9	2,055.9	734.1	680.5	53.56	13.705	
7,700.0	7,530.1	7,770.5	7,600.6	31.5	31.8	-32.27	266.1	2,055.3	732.6	679.1	53.57	13.676	
7,790.0	7,618.3	7,842.4	7,671.8	31.9	32.1	-33.19	268.6	2,045.6	708.9	655.2	53.68	13.207	
7,800.0	7,628.2	7,850.5	7,679.8	32.0	32.2	-33.29	268.9	2,044.6	706.5	652.8	53.69	13.159	
7,885.0	7,712.1	7,920.2	7,749.2	32.4	32.5	-34.07	270.9	2,037.0	688.4	634.6	53.79	12.798	
7,900.0	7,726.9	7,932.7	7,761.6	32.4	32.5	-34.20	271.2	2,035.8	685.6	631.8	53.81	12.742	
7,980.0	7,806.3	8,000.0	7,828.6	32.8	32.8	-34.81	272.7	2,030.3	672.6	618.7	53.93	12.472	
8,000.0	7,826.2	8,016.8	7,845.4	32.9	32.8	-34.94	273.0	2,029.2	669.8	615.9	53.96	12.413	
8,075.0	7,900.9	8,080.8	7,909.3	33.2	33.1	-35.36	273.9	2,025.7	661.3	607.2	54.11	12.221	
8,100.0	7,925.8	8,100.0	7,928.4	33.3	33.1	-35.46	274.1	2,025.0	659.1	604.9	54.18	12.164	
8,170.0	7,995.7	8,162.6	7,991.1	33.5	33.3	-35.70	274.6	2,023.3	654.5	600.2	54.32	12.049	
8,200.0	8,025.6	8,188.6	8,017.0	33.6	33.3	-35.76	274.6	2,023.1	653.3	598.9	54.41	12.007	
8,265.0	8,090.6	8,250.5	8,078.9	33.7	33.3	-35.82	274.7	2,023.0	651.9	597.4	54.50	11.962	
8,302.4	8,128.0	8,287.9	8,116.3	33.8	33.4	57.21	274.7	2,023.0	651.7	597.2	54.56	11.945	
8,360.0	8,185.6	8,345.5	8,173.9	33.8	33.4	57.21	274.7	2,023.0	651.7	597.1	54.60	11.937	
8,400.0	8,225.6	8,385.5	8,213.9	33.8	33.4	57.21	274.7	2,023.0	651.7	597.1	54.62	11.932	
8,455.0	8,280.6	8,440.5	8,268.9	33.8	33.4	57.21	274.7	2,023.0	651.7	597.1	54.66	11.924	
8,500.0	8,325.6	8,485.5	8,313.9	33.8	33.4	57.21	274.7	2,023.0	651.7	597.0	54.68	11.918	
8,550.0	8,375.6	8,535.5	8,363.9	33.8	33.4	57.21	274.7	2,023.0	651.7	597.0	54.72	11.911	
8,600.0	8,425.6	8,585.5	8,413.9	33.9	33.4	57.21	274.7	2,023.0	651.7	597.0	54.75	11.905	
8,645.0	8,470.6	8,630.5	8,458.9	33.9	33.4	57.21	274.7	2,023.0	651.7	597.0	54.77	11.898	
8,700.0	8,525.6	8,685.5	8,513.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.9	54.81	11.891	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
8,740.0	8,565.6	8,725.5	8,553.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.9	54.83	11.885	
8,800.0	8,625.6	8,785.5	8,613.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.9	54.87	11.877	
8,835.0	8,660.6	8,820.5	8,648.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.8	54.90	11.872	
8,900.0	8,725.6	8,885.5	8,713.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.8	54.94	11.863	
8,930.0	8,755.6	8,915.5	8,743.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.8	54.96	11.859	
9,000.0	8,825.6	8,985.5	8,813.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.7	55.00	11.849	
9,025.0	8,850.6	9,010.5	8,838.9	33.9	33.5	57.21	274.7	2,023.0	651.7	596.7	55.02	11.846	
9,100.0	8,925.6	9,085.5	8,913.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.7	55.07	11.835	
9,120.0	8,945.6	9,105.5	8,933.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.7	55.08	11.833	
9,200.0	9,025.6	9,185.5	9,013.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.6	55.13	11.822	
9,215.0	9,040.6	9,200.5	9,028.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.6	55.14	11.819	
9,300.0	9,125.6	9,285.5	9,113.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.5	55.20	11.807	
9,310.0	9,135.6	9,295.5	9,123.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.5	55.20	11.806	
9,400.0	9,225.6	9,385.5	9,213.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.5	55.26	11.793	
9,405.0	9,230.6	9,390.5	9,218.9	34.0	33.6	57.21	274.7	2,023.0	651.7	596.5	55.27	11.793	
9,500.0	9,325.6	9,485.5	9,313.9	34.1	33.7	57.21	274.7	2,023.0	651.7	596.4	55.33	11.779	
9,595.0	9,420.6	9,580.5	9,408.9	34.1	33.7	57.21	274.7	2,023.0	651.7	596.3	55.39	11.766	
9,600.0	9,425.6	9,585.5	9,413.9	34.1	33.7	57.21	274.7	2,023.0	651.7	596.3	55.40	11.765	
9,690.0	9,515.6	9,675.5	9,503.9	34.1	33.7	57.21	274.7	2,023.0	651.7	596.3	55.46	11.752	
9,700.0	9,525.6	9,685.5	9,513.9	34.1	33.7	57.21	274.7	2,023.0	651.7	596.3	55.46	11.751	
9,785.0	9,610.6	9,770.5	9,598.9	34.1	33.7	57.21	274.7	2,023.0	651.7	596.2	55.52	11.739	
9,800.0	9,625.6	9,785.5	9,613.9	34.1	33.8	57.21	274.7	2,023.0	651.7	596.2	55.53	11.737	
9,880.0	9,705.6	9,865.5	9,693.9	34.1	33.8	57.21	274.7	2,023.0	651.7	596.1	55.58	11.725	
9,900.0	9,725.6	9,885.5	9,713.9	34.1	33.8	57.21	274.7	2,023.0	651.7	596.1	55.60	11.722	
9,900.5	9,726.1	9,886.0	9,714.4	34.1	33.8	57.21	274.7	2,023.0	651.7	596.1	55.60	11.722	
9,975.0	9,800.6	9,950.0	9,778.4	34.2	33.8	57.19	274.9	2,023.0	651.9	596.3	55.62	11.721	
10,000.0	9,825.6	9,966.1	9,794.5	34.2	33.8	57.14	275.5	2,023.0	652.5	596.9	55.60	11.735	
10,070.0	9,895.6	10,000.0	9,828.3	34.2	33.8	56.93	278.4	2,023.0	656.1	600.7	55.45	11.833	
10,100.0	9,925.6	10,027.3	9,855.3	34.2	33.8	56.66	282.1	2,023.0	658.4	603.1	55.32	11.902	
10,135.4	9,961.0	10,050.0	9,877.6	34.2	33.8	56.36	286.2	2,023.0	661.9	606.8	55.19	11.994	
10,150.0	9,975.6	10,050.0	9,877.6	34.2	33.8	56.35	286.2	2,023.0	663.6	608.4	55.14	12.035	
10,165.0	9,990.6	10,066.1	9,893.4	34.2	33.8	56.01	289.7	2,023.0	665.1	610.0	55.05	12.080	
10,200.0	10,025.5	10,086.9	9,913.5	34.2	33.8	55.49	294.8	2,023.0	668.3	613.4	54.93	12.167	
10,250.0	10,074.9	10,116.5	9,941.9	34.2	33.8	54.89	303.3	2,022.9	672.2	617.4	54.82	12.261	
10,260.0	10,084.6	10,122.4	9,947.5	34.2	33.8	54.79	305.2	2,022.9	672.9	618.1	54.81	12.276	
10,300.0	10,123.4	10,150.0	9,973.4	34.2	33.8	54.43	314.7	2,022.9	675.1	620.3	54.78	12.325	
10,350.0	10,170.6	10,175.6	9,997.0	34.2	33.8	54.17	324.6	2,022.9	677.0	622.1	54.85	12.342	
10,355.0	10,175.3	10,178.5	9,999.7	34.2	33.8	54.15	325.8	2,022.9	677.1	622.2	54.86	12.342	
10,400.0	10,216.3	10,200.0	10,019.0	34.2	33.8	54.05	335.0	2,022.9	677.8	622.8	55.01	12.322	
10,450.0	10,260.1	10,234.6	10,049.5	34.2	33.8	54.08	351.4	2,022.8	677.6	622.4	55.19	12.278	
10,500.0	10,301.5	10,264.1	10,074.7	34.2	33.8	54.27	366.8	2,022.8	676.3	620.9	55.46	12.194	
10,545.0	10,336.6	10,300.0	10,104.2	34.2	33.8	54.63	387.3	2,022.8	674.4	618.7	55.70	12.109	
10,550.0	10,340.4	10,300.0	10,104.2	34.2	33.8	54.66	387.3	2,022.8	674.1	618.3	55.76	12.089	
10,600.0	10,376.4	10,323.2	10,122.5	34.3	33.9	55.13	401.5	2,022.7	670.7	614.5	56.22	11.930	
10,640.0	10,402.9	10,350.0	10,143.0	34.3	33.9	55.68	418.7	2,022.7	667.4	610.8	56.57	11.797	
10,650.0	10,409.2	10,350.0	10,143.0	34.3	33.9	55.76	418.7	2,022.7	666.5	609.7	56.72	11.749	
10,700.0	10,438.6	10,382.6	10,166.8	34.3	33.9	56.63	441.1	2,022.7	661.3	604.0	57.24	11.552	
10,735.0	10,457.0	10,400.0	10,178.9	34.3	33.9	57.24	453.5	2,022.6	657.1	599.5	57.69	11.391	
10,750.0	10,464.4	10,412.5	10,187.4	34.3	33.9	57.62	462.6	2,022.6	655.2	597.4	57.84	11.328	
10,800.0	10,486.3	10,450.0	10,211.7	34.3	33.9	58.93	491.2	2,022.6	648.5	590.0	58.42	11.100	
10,830.0	10,497.6	10,460.5	10,218.1	34.3	33.9	59.55	499.5	2,022.6	644.0	585.0	58.92	10.929	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
10,850.0	10,504.3	10,472.5	10,225.3	34.4	33.9	60.10	509.1	2,022.5	640.9	581.7	59.21	10.824	
10,900.0	10,518.1	10,500.0	10,241.0	34.4	33.9	61.51	531.7	2,022.5	632.8	572.8	60.00	10.547	
10,925.0	10,523.4	10,518.0	10,250.7	34.4	33.9	62.40	546.9	2,022.5	628.5	568.2	60.37	10.412	
10,950.0	10,527.6	10,533.3	10,258.6	34.4	33.9	63.24	560.0	2,022.4	624.2	563.4	60.77	10.271	
11,000.0	10,532.9	10,564.0	10,273.3	34.5	33.9	65.05	587.0	2,022.4	615.3	553.7	61.61	9.987	
11,020.0	10,533.8	10,576.4	10,278.8	34.5	33.9	65.82	598.0	2,022.4	611.7	549.7	61.95	9.874	
11,033.2	10,534.0	10,584.6	10,282.3	34.5	34.0	66.34	605.4	2,022.3	609.3	547.1	62.18	9.799	
11,100.0	10,534.3	10,627.4	10,298.9	34.6	34.0	67.80	644.9	2,022.3	598.6	535.3	63.26	9.463	
11,115.0	10,534.3	10,637.4	10,302.4	34.6	34.0	68.11	654.2	2,022.2	596.5	533.1	63.48	9.398	
11,200.0	10,534.6	10,700.0	10,320.3	34.7	34.0	69.71	714.2	2,022.1	587.5	523.0	64.52	9.105	
11,210.0	10,534.7	10,700.0	10,320.3	34.7	34.0	69.71	714.2	2,022.1	586.7	522.0	64.72	9.064	
11,300.0	10,535.0	10,769.1	10,332.3	34.8	34.1	70.80	782.2	2,022.0	581.5	516.0	65.55	8.872	
11,305.0	10,535.0	10,772.8	10,332.7	34.8	34.1	70.83	785.9	2,022.0	581.4	515.8	65.59	8.863	
11,384.1	10,535.4	10,832.3	10,336.0	35.0	34.1	71.12	845.2	2,021.9	580.0	513.9	66.14	8.770 CC	
11,400.0	10,535.4	10,848.1	10,336.1	35.0	34.1	71.12	861.0	2,021.8	580.0	513.8	66.19	8.764	
11,495.0	10,535.8	10,943.1	10,336.5	35.2	34.3	71.13	956.0	2,021.7	580.1	513.6	66.49	8.724	
11,500.0	10,535.8	10,948.1	10,336.5	35.2	34.3	71.13	961.0	2,021.7	580.1	513.5	66.51	8.722	
11,590.0	10,536.1	11,038.1	10,336.9	35.3	34.4	71.13	1,051.0	2,021.5	580.1	513.2	66.83	8.680	
11,600.0	10,536.2	11,048.1	10,336.9	35.3	34.4	71.13	1,061.0	2,021.5	580.1	513.2	66.87	8.675	
11,685.0	10,536.5	11,133.1	10,337.2	35.5	34.5	71.14	1,146.0	2,021.3	580.1	512.9	67.20	8.633	
11,700.0	10,536.6	11,148.1	10,337.3	35.6	34.5	71.14	1,161.0	2,021.3	580.1	512.8	67.26	8.625	
11,780.0	10,536.9	11,228.1	10,337.6	35.7	34.7	71.14	1,241.0	2,021.1	580.1	512.5	67.59	8.583	
11,800.0	10,537.0	11,248.1	10,337.7	35.8	34.7	71.14	1,261.0	2,021.1	580.1	512.4	67.68	8.572	
11,875.0	10,537.2	11,323.1	10,338.0	35.9	34.8	71.14	1,336.0	2,020.9	580.1	512.1	68.02	8.529	
11,900.0	10,537.3	11,348.1	10,338.1	36.0	34.9	71.14	1,361.0	2,020.9	580.1	512.0	68.13	8.515	
11,970.0	10,537.6	11,418.1	10,338.4	36.2	35.0	71.15	1,431.0	2,020.7	580.2	511.7	68.47	8.473	
12,000.0	10,537.7	11,448.1	10,338.6	36.3	35.1	71.15	1,461.0	2,020.7	580.2	511.5	68.62	8.455	
12,065.0	10,538.0	11,513.1	10,338.8	36.4	35.2	71.15	1,526.0	2,020.5	580.2	511.2	68.95	8.414	
12,100.0	10,538.1	11,548.1	10,339.0	36.5	35.3	71.15	1,561.0	2,020.5	580.2	511.0	69.14	8.392	
12,160.0	10,538.3	11,608.1	10,339.2	36.7	35.4	71.15	1,621.0	2,020.4	580.2	510.7	69.46	8.353	
12,200.0	10,538.5	11,648.1	10,339.4	36.8	35.5	71.15	1,661.0	2,020.3	580.2	510.5	69.68	8.326	
12,255.0	10,538.7	11,703.1	10,339.6	36.9	35.6	71.16	1,716.0	2,020.2	580.2	510.2	70.00	8.289	
12,300.0	10,538.9	11,748.1	10,339.8	37.1	35.8	71.16	1,761.0	2,020.1	580.2	510.0	70.26	8.258	
12,350.0	10,539.1	11,798.1	10,340.0	37.2	35.9	71.16	1,811.0	2,020.0	580.2	509.7	70.56	8.224	
12,400.0	10,539.3	11,848.1	10,340.2	37.4	36.0	71.16	1,861.0	2,019.9	580.2	509.4	70.86	8.188	
12,445.0	10,539.4	11,893.1	10,340.4	37.5	36.1	71.16	1,906.0	2,019.8	580.2	509.1	71.14	8.156	
12,500.0	10,539.6	11,948.1	10,340.6	37.7	36.3	71.17	1,961.0	2,019.7	580.3	508.8	71.50	8.116	
12,540.0	10,539.8	11,988.1	10,340.8	37.8	36.4	71.17	2,001.0	2,019.6	580.3	508.5	71.76	8.087	
12,600.0	10,540.0	12,048.1	10,341.0	38.0	36.6	71.17	2,061.0	2,019.5	580.3	508.1	72.16	8.042	
12,635.0	10,540.2	12,083.1	10,341.2	38.1	36.7	71.17	2,096.0	2,019.4	580.3	507.9	72.39	8.016	
12,700.0	10,540.4	12,148.1	10,341.5	38.4	36.9	71.17	2,161.0	2,019.3	580.3	507.5	72.84	7.967	
12,730.0	10,540.5	12,178.1	10,341.6	38.5	37.0	71.17	2,191.0	2,019.3	580.3	507.3	73.05	7.944	
12,800.0	10,540.8	12,248.1	10,341.9	38.7	37.2	71.18	2,261.0	2,019.1	580.3	506.8	73.55	7.890	
12,825.0	10,540.9	12,273.1	10,342.0	38.8	37.3	71.18	2,286.0	2,019.1	580.3	506.6	73.74	7.870	
12,900.0	10,541.2	12,348.1	10,342.3	39.1	37.5	71.18	2,361.0	2,018.9	580.3	506.1	74.29	7.812	
12,920.0	10,541.3	12,368.1	10,342.4	39.2	37.6	71.18	2,381.0	2,018.9	580.3	505.9	74.44	7.796	
13,000.0	10,541.6	12,448.1	10,342.7	39.5	37.9	71.19	2,461.0	2,018.7	580.4	505.3	75.05	7.733	
13,015.0	10,541.6	12,463.1	10,342.8	39.5	37.9	71.19	2,476.0	2,018.7	580.4	505.2	75.17	7.721	
13,100.0	10,542.0	12,548.1	10,343.1	39.8	38.2	71.19	2,561.0	2,018.5	580.4	504.5	75.83	7.653	
13,110.0	10,542.0	12,558.1	10,343.2	39.9	38.3	71.19	2,571.0	2,018.5	580.4	504.5	75.91	7.645	
13,200.0	10,542.3	12,648.1	10,343.5	40.2	38.6	71.19	2,661.0	2,018.3	580.4	503.8	76.64	7.573	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
13,205.0	10,542.4	12,653.1	10,343.5	40.3	38.6	71.19	2,666.0	2,018.3	580.4	503.7	76.68	7.569	
13,300.0	10,542.7	12,748.1	10,343.9	40.7	39.0	71.20	2,761.0	2,018.1	580.4	503.0	77.47	7.492	
13,395.0	10,543.1	12,843.1	10,344.3	41.0	39.4	71.20	2,856.0	2,018.0	580.4	502.2	78.28	7.415	
13,400.0	10,543.1	12,848.1	10,344.4	41.1	39.4	71.20	2,861.0	2,017.9	580.4	502.1	78.32	7.411	
13,490.0	10,543.5	12,938.1	10,344.7	41.5	39.8	71.20	2,951.0	2,017.8	580.5	501.4	79.10	7.338	
13,500.0	10,543.5	12,948.1	10,344.8	41.5	39.8	71.20	2,961.0	2,017.7	580.5	501.3	79.19	7.330	
13,585.0	10,543.8	13,033.1	10,345.1	41.9	40.2	71.21	3,046.0	2,017.6	580.5	500.5	79.95	7.261	
13,600.0	10,543.9	13,048.1	10,345.2	41.9	40.2	71.21	3,061.0	2,017.6	580.5	500.4	80.08	7.249	
13,680.0	10,544.2	13,128.1	10,345.5	42.3	40.6	71.21	3,141.0	2,017.4	580.5	499.7	80.81	7.184	
13,700.0	10,544.3	13,148.1	10,345.6	42.4	40.7	71.21	3,161.0	2,017.4	580.5	499.5	80.99	7.168	
13,775.0	10,544.6	13,223.1	10,345.9	42.7	41.0	71.21	3,236.0	2,017.2	580.5	498.8	81.68	7.107	
13,800.0	10,544.6	13,248.1	10,346.0	42.8	41.1	71.22	3,261.0	2,017.2	580.5	498.6	81.92	7.087	
13,870.0	10,544.9	13,318.1	10,346.3	43.2	41.4	71.22	3,331.0	2,017.0	580.5	498.0	82.58	7.030	
13,900.0	10,545.0	13,348.1	10,346.4	43.3	41.5	71.22	3,361.0	2,017.0	580.5	497.7	82.86	7.006	
13,965.0	10,545.3	13,413.1	10,346.7	43.6	41.8	71.22	3,426.0	2,016.8	580.6	497.1	83.49	6.954	
14,000.0	10,545.4	13,448.1	10,346.8	43.8	42.0	71.22	3,461.0	2,016.8	580.6	496.7	83.83	6.926	
14,060.0	10,545.7	13,508.1	10,347.1	44.1	42.3	71.23	3,521.0	2,016.7	580.6	496.2	84.41	6.878	
14,100.0	10,545.8	13,548.1	10,347.3	44.2	42.5	71.23	3,561.0	2,016.6	580.6	495.8	84.81	6.846	
14,155.0	10,546.0	13,603.1	10,347.5	44.5	42.7	71.23	3,616.0	2,016.5	580.6	495.2	85.35	6.802	
14,200.0	10,546.2	13,648.1	10,347.7	44.7	43.0	71.23	3,661.0	2,016.4	580.6	494.8	85.80	6.767	
14,250.0	10,546.4	13,698.1	10,347.9	45.0	43.2	71.23	3,711.0	2,016.3	580.6	494.3	86.31	6.727	
14,300.0	10,546.6	13,748.1	10,348.1	45.2	43.4	71.23	3,761.0	2,016.2	580.6	493.8	86.81	6.688	
14,345.0	10,546.7	13,793.1	10,348.3	45.5	43.7	71.24	3,806.0	2,016.1	580.6	493.4	87.28	6.653	
14,400.0	10,547.0	13,848.1	10,348.5	45.7	43.9	71.24	3,861.0	2,016.0	580.6	492.8	87.84	6.610	
14,440.0	10,547.1	13,888.1	10,348.7	45.9	44.1	71.24	3,901.0	2,015.9	580.7	492.4	88.26	6.579	
14,500.0	10,547.3	13,948.1	10,348.9	46.2	44.5	71.24	3,961.0	2,015.8	580.7	491.8	88.88	6.533	
14,535.0	10,547.5	13,983.1	10,349.1	46.4	44.6	71.24	3,996.0	2,015.7	580.7	491.4	89.25	6.506	
14,600.0	10,547.7	14,048.1	10,349.3	46.7	45.0	71.25	4,061.0	2,015.6	580.7	490.7	89.94	6.456	
14,630.0	10,547.8	14,078.1	10,349.5	46.9	45.1	71.25	4,091.0	2,015.5	580.7	490.4	90.26	6.434	
14,700.0	10,548.1	14,148.1	10,349.7	47.3	45.5	71.25	4,161.0	2,015.4	580.7	489.7	91.01	6.381	
14,725.0	10,548.2	14,173.1	10,349.8	47.4	45.6	71.25	4,186.0	2,015.4	580.7	489.4	91.28	6.362	
14,800.0	10,548.5	14,248.1	10,350.2	47.8	46.0	71.25	4,261.0	2,015.2	580.7	488.6	92.09	6.306	
14,820.0	10,548.6	14,268.1	10,350.2	47.9	46.1	71.25	4,281.0	2,015.2	580.7	488.4	92.31	6.291	
14,900.0	10,548.9	14,348.1	10,350.6	48.3	46.5	71.26	4,361.0	2,015.0	580.7	487.6	93.18	6.232	
14,915.0	10,548.9	14,363.1	10,350.6	48.4	46.6	71.26	4,376.0	2,015.0	580.8	487.4	93.35	6.221	
15,000.0	10,549.3	14,448.1	10,351.0	48.9	47.1	71.26	4,461.0	2,014.8	580.8	486.5	94.29	6.159	
15,010.0	10,549.3	14,458.1	10,351.0	48.9	47.1	71.26	4,471.0	2,014.8	580.8	486.4	94.40	6.152	
15,100.0	10,549.7	14,548.1	10,351.4	49.4	47.6	71.26	4,561.0	2,014.6	580.8	485.4	95.41	6.087	
15,105.0	10,549.7	14,553.1	10,351.4	49.4	47.7	71.26	4,566.0	2,014.6	580.8	485.3	95.47	6.084	
15,200.0	10,550.0	14,648.1	10,351.8	50.0	48.2	71.27	4,661.0	2,014.4	580.8	484.3	96.54	6.016	
15,295.0	10,550.4	14,743.1	10,352.2	50.5	48.7	71.27	4,756.0	2,014.2	580.8	483.2	97.62	5.950	
15,300.0	10,550.4	14,748.1	10,352.2	50.5	48.8	71.27	4,761.0	2,014.2	580.8	483.1	97.68	5.946	
15,390.0	10,550.8	14,838.1	10,352.6	51.0	49.3	71.28	4,851.0	2,014.1	580.8	482.1	98.72	5.884	
15,400.0	10,550.8	14,848.1	10,352.6	51.1	49.3	71.28	4,861.0	2,014.0	580.8	482.0	98.83	5.877	
15,485.0	10,551.1	14,933.1	10,353.0	51.6	49.8	71.28	4,946.0	2,013.9	580.9	481.0	99.82	5.819	
15,500.0	10,551.2	14,948.1	10,353.1	51.7	49.9	71.28	4,961.0	2,013.8	580.9	480.9	99.99	5.809	
15,580.0	10,551.5	15,028.1	10,353.4	52.1	50.4	71.28	5,041.0	2,013.7	580.9	480.0	100.93	5.755	
15,600.0	10,551.6	15,048.1	10,353.5	52.2	50.5	71.28	5,061.0	2,013.7	580.9	479.7	101.16	5.742	
15,675.0	10,551.9	15,123.1	10,353.8	52.7	50.9	71.29	5,136.0	2,013.5	580.9	478.9	102.05	5.692	
15,700.0	10,552.0	15,148.1	10,353.9	52.8	51.1	71.29	5,161.0	2,013.5	580.9	478.6	102.35	5.676	
15,770.0	10,552.2	15,218.1	10,354.2	53.2	51.5	71.29	5,231.0	2,013.3	580.9	477.7	103.18	5.630	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
15,800.0	10,552.3	15,248.1	10,354.3	53.4	51.6	71.29	5,261.0	2,013.3	580.9	477.4	103.54	5.611	
15,865.0	10,552.6	15,313.1	10,354.6	53.8	52.0	71.29	5,326.0	2,013.1	580.9	476.6	104.31	5.569	
15,900.0	10,552.7	15,348.1	10,354.7	54.0	52.2	71.29	5,361.0	2,013.1	581.0	476.2	104.73	5.547	
15,960.0	10,553.0	15,408.1	10,355.0	54.3	52.6	71.30	5,421.0	2,012.9	581.0	475.5	105.46	5.509	
16,000.0	10,553.1	15,448.1	10,355.1	54.6	52.8	71.30	5,461.0	2,012.9	581.0	475.0	105.94	5.484	
16,055.0	10,553.3	15,503.1	10,355.4	54.9	53.2	71.30	5,516.0	2,012.8	581.0	474.4	106.61	5.450	
16,100.0	10,553.5	15,548.1	10,355.5	55.2	53.4	71.30	5,561.0	2,012.7	581.0	473.8	107.16	5.422	
16,150.0	10,553.7	15,598.1	10,355.8	55.5	53.7	71.30	5,611.0	2,012.6	581.0	473.2	107.77	5.391	
16,200.0	10,553.9	15,648.1	10,356.0	55.8	54.0	71.31	5,661.0	2,012.5	581.0	472.6	108.38	5.361	
16,245.0	10,554.1	15,693.1	10,356.1	56.0	54.3	71.31	5,706.0	2,012.4	581.0	472.1	108.93	5.334	
16,300.0	10,554.3	15,748.1	10,356.4	56.4	54.6	71.31	5,761.0	2,012.3	581.0	471.4	109.61	5.301	
16,340.0	10,554.4	15,788.1	10,356.5	56.6	54.9	71.31	5,801.0	2,012.2	581.0	470.9	110.11	5.277	
16,400.0	10,554.7	15,848.1	10,356.8	57.0	55.3	71.31	5,861.0	2,012.1	581.1	470.2	110.85	5.242	
16,435.0	10,554.8	15,883.1	10,356.9	57.2	55.5	71.31	5,896.0	2,012.0	581.1	469.8	111.29	5.221	
16,500.0	10,555.0	15,948.1	10,357.2	57.6	55.9	71.32	5,961.0	2,011.9	581.1	469.0	112.10	5.184	
16,530.0	10,555.2	15,978.1	10,357.3	57.8	56.1	71.32	5,991.0	2,011.8	581.1	468.6	112.47	5.166	
16,600.0	10,555.4	16,048.1	10,357.6	58.2	56.5	71.32	6,061.0	2,011.7	581.1	467.7	113.35	5.126	
16,625.0	10,555.5	16,073.1	10,357.7	58.3	56.6	71.32	6,086.0	2,011.7	581.1	467.4	113.67	5.112	
16,700.0	10,555.8	16,148.1	10,358.0	58.8	57.1	71.32	6,161.0	2,011.5	581.1	466.5	114.61	5.070	
16,720.0	10,555.9	16,168.1	10,358.1	58.9	57.2	71.33	6,181.0	2,011.5	581.1	466.3	114.86	5.059	
16,800.0	10,556.2	16,248.1	10,358.5	59.4	57.7	71.33	6,261.0	2,011.3	581.1	465.3	115.88	5.015	
16,815.0	10,556.3	16,263.1	10,358.5	59.5	57.8	71.33	6,276.0	2,011.3	581.1	465.1	116.07	5.007	
16,900.0	10,556.6	16,348.1	10,358.9	60.0	58.4	71.33	6,361.0	2,011.1	581.2	464.0	117.15	4.961	
16,910.0	10,556.6	16,358.1	10,358.9	60.1	58.4	71.33	6,371.0	2,011.1	581.2	463.9	117.28	4.955	
17,000.0	10,557.0	16,448.1	10,359.3	60.7	59.0	71.34	6,461.0	2,010.9	581.2	462.7	118.43	4.907	
17,005.0	10,557.0	16,453.1	10,359.3	60.7	59.0	71.34	6,466.0	2,010.9	581.2	462.7	118.49	4.905	
17,100.0	10,557.4	16,548.1	10,359.7	61.3	59.6	71.34	6,561.0	2,010.7	581.2	461.5	119.71	4.855	
17,195.0	10,557.7	16,643.1	10,360.1	61.9	60.3	71.34	6,656.0	2,010.5	581.2	460.3	120.94	4.806	
17,200.0	10,557.7	16,648.1	10,360.1	61.9	60.3	71.34	6,661.0	2,010.5	581.2	460.2	121.01	4.803	
17,290.0	10,558.1	16,738.1	10,360.5	62.5	60.9	71.35	6,751.0	2,010.4	581.2	459.1	122.17	4.758	
17,300.0	10,558.1	16,748.1	10,360.5	62.6	60.9	71.35	6,761.0	2,010.3	581.2	458.9	122.30	4.753	
17,385.0	10,558.5	16,833.1	10,360.9	63.1	61.5	71.35	6,846.0	2,010.2	581.3	457.8	123.41	4.710	
17,400.0	10,558.5	16,848.1	10,360.9	63.2	61.6	71.35	6,861.0	2,010.1	581.3	457.7	123.60	4.703	
17,480.0	10,558.8	16,928.1	10,361.3	63.7	62.1	71.35	6,941.0	2,010.0	581.3	456.6	124.65	4.663	
17,500.0	10,558.9	16,948.1	10,361.4	63.9	62.2	71.35	6,961.0	2,009.9	581.3	456.4	124.91	4.654	
17,575.0	10,559.2	17,023.1	10,361.7	64.3	62.7	71.36	7,036.0	2,009.8	581.3	455.4	125.89	4.617	
17,600.0	10,559.3	17,048.1	10,361.8	64.5	62.9	71.36	7,061.0	2,009.7	581.3	455.1	126.22	4.605	
17,670.0	10,559.5	17,118.1	10,362.1	64.9	63.3	71.36	7,131.0	2,009.6	581.3	454.2	127.14	4.572	
17,700.0	10,559.7	17,148.1	10,362.2	65.1	63.5	71.36	7,161.0	2,009.6	581.3	453.8	127.54	4.558	
17,765.0	10,559.9	17,213.1	10,362.5	65.6	63.9	71.36	7,226.0	2,009.4	581.3	452.9	128.40	4.528	
17,800.0	10,560.0	17,248.1	10,362.6	65.8	64.2	71.37	7,261.0	2,009.4	581.3	452.5	128.86	4.511	
17,860.0	10,560.3	17,308.1	10,362.8	66.2	64.6	71.37	7,321.0	2,009.2	581.4	451.7	129.65	4.484	
17,900.0	10,560.4	17,348.1	10,363.0	66.4	64.8	71.37	7,361.0	2,009.2	581.4	451.2	130.19	4.466	
17,955.0	10,560.6	17,403.1	10,363.2	66.8	65.2	71.37	7,416.0	2,009.1	581.4	450.5	130.92	4.441	
18,000.0	10,560.8	17,448.1	10,363.4	67.1	65.5	71.37	7,461.0	2,009.0	581.4	449.9	131.52	4.421	
18,050.0	10,561.0	17,498.1	10,363.6	67.4	65.8	71.38	7,511.0	2,008.9	581.4	449.2	132.18	4.398	
18,100.0	10,561.2	17,548.1	10,363.8	67.7	66.2	71.38	7,561.0	2,008.8	581.4	448.6	132.85	4.376	
18,145.0	10,561.4	17,593.1	10,364.0	68.0	66.5	71.38	7,606.0	2,008.7	581.4	448.0	133.45	4.357	
18,200.0	10,561.6	17,648.1	10,364.3	68.4	66.8	71.38	7,661.0	2,008.6	581.4	447.2	134.19	4.333	
18,240.0	10,561.7	17,688.1	10,364.4	68.7	67.1	71.38	7,701.0	2,008.5	581.4	446.7	134.73	4.316	
18,300.0	10,562.0	17,748.1	10,364.7	69.1	67.5	71.38	7,761.0	2,008.4	581.4	445.9	135.53	4.290	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
18,335.0	10,562.1	17,783.1	10,364.8	69.3	67.7	71.39	7,796.0	2,008.3	581.5	445.4	136.00	4.275	
18,400.0	10,562.4	17,848.1	10,365.1	69.7	68.2	71.39	7,861.0	2,008.2	581.5	444.6	136.88	4.248	
18,430.0	10,562.5	17,878.1	10,365.2	69.9	68.4	71.39	7,891.0	2,008.1	581.5	444.2	137.29	4.235	
18,500.0	10,562.7	17,948.1	10,365.5	70.4	68.8	71.39	7,961.0	2,008.0	581.5	443.3	138.23	4.207	
18,525.0	10,562.8	17,973.1	10,365.6	70.6	69.0	71.39	7,986.0	2,007.9	581.5	442.9	138.57	4.196	
18,600.0	10,563.1	18,048.1	10,365.9	71.1	69.5	71.40	8,061.0	2,007.8	581.5	441.9	139.59	4.166	
18,620.0	10,563.2	18,068.1	10,366.0	71.2	69.6	71.40	8,081.0	2,007.8	581.5	441.7	139.86	4.158	
18,700.0	10,563.5	18,148.1	10,366.3	71.7	70.2	71.40	8,161.0	2,007.6	581.5	440.6	140.94	4.126	
18,715.0	10,563.6	18,163.1	10,366.4	71.8	70.3	71.40	8,176.0	2,007.6	581.5	440.4	141.15	4.120	
18,800.0	10,563.9	18,248.1	10,366.7	72.4	70.9	71.40	8,261.0	2,007.4	581.5	439.2	142.31	4.087	
18,810.0	10,563.9	18,258.1	10,366.8	72.5	70.9	71.40	8,271.0	2,007.4	581.5	439.1	142.44	4.083	
18,900.0	10,564.3	18,348.1	10,367.2	73.1	71.5	71.41	8,361.0	2,007.2	581.6	437.9	143.67	4.048	
18,905.0	10,564.3	18,353.1	10,367.2	73.1	71.6	71.41	8,366.0	2,007.2	581.6	437.8	143.74	4.046	
19,000.0	10,564.7	18,448.1	10,367.6	73.7	72.2	71.41	8,461.0	2,007.0	581.6	436.5	145.04	4.010	
19,095.0	10,565.0	18,543.1	10,368.0	74.4	72.9	71.41	8,556.0	2,006.8	581.6	435.3	146.34	3.974	
19,100.0	10,565.1	18,548.1	10,368.0	74.4	72.9	71.41	8,561.0	2,006.8	581.6	435.2	146.41	3.972	
19,190.0	10,565.4	18,638.1	10,368.4	75.0	73.5	71.42	8,651.0	2,006.6	581.6	434.0	147.65	3.939	
19,200.0	10,565.4	18,648.1	10,368.4	75.1	73.6	71.42	8,661.0	2,006.6	581.6	433.8	147.79	3.936	
19,285.0	10,565.8	18,733.1	10,368.8	75.7	74.2	71.42	8,746.0	2,006.5	581.6	432.7	148.96	3.905	
19,300.0	10,565.8	18,748.1	10,368.8	75.8	74.3	71.42	8,761.0	2,006.4	581.6	432.5	149.16	3.899	
19,380.0	10,566.1	18,828.1	10,369.1	76.3	74.8	71.43	8,841.0	2,006.3	581.7	431.4	150.27	3.871	
19,400.0	10,566.2	18,848.1	10,369.2	76.5	75.0	71.43	8,861.0	2,006.2	581.7	431.1	150.55	3.864	
19,475.0	10,566.5	18,923.1	10,369.5	77.0	75.5	71.43	8,936.0	2,006.1	581.7	430.1	151.58	3.837	
19,500.0	10,566.6	18,948.1	10,369.6	77.1	75.6	71.43	8,961.0	2,006.0	581.7	429.8	151.93	3.829	
19,570.0	10,566.9	19,018.1	10,369.9	77.6	76.1	71.43	9,031.0	2,005.9	581.7	428.8	152.90	3.804	
19,600.0	10,567.0	19,048.1	10,370.1	77.8	76.3	71.43	9,061.0	2,005.8	581.7	428.4	153.32	3.794	
19,665.0	10,567.2	19,113.1	10,370.3	78.3	76.8	71.44	9,126.0	2,005.7	581.7	427.5	154.22	3.772	
19,700.0	10,567.4	19,148.1	10,370.5	78.5	77.0	71.44	9,161.0	2,005.7	581.7	427.0	154.71	3.760	
19,760.0	10,567.6	19,208.1	10,370.7	78.9	77.4	71.44	9,221.0	2,005.5	581.7	426.2	155.54	3.740	
19,800.0	10,567.7	19,248.1	10,370.9	79.2	77.7	71.44	9,261.0	2,005.5	581.8	425.7	156.10	3.727	
19,855.0	10,568.0	19,303.1	10,371.1	79.6	78.1	71.44	9,316.0	2,005.3	581.8	424.9	156.86	3.709	
19,900.0	10,568.1	19,348.1	10,371.3	79.9	78.4	71.44	9,361.0	2,005.3	581.8	424.3	157.49	3.694	
19,950.0	10,568.3	19,398.1	10,371.5	80.2	78.8	71.45	9,411.0	2,005.2	581.8	423.6	158.19	3.678	
20,000.0	10,568.5	19,448.1	10,371.7	80.6	79.1	71.45	9,461.0	2,005.1	581.8	422.9	158.89	3.662	
20,045.0	10,568.7	19,493.1	10,371.9	80.9	79.4	71.45	9,506.0	2,005.0	581.8	422.3	159.52	3.647	
20,100.0	10,568.9	19,548.1	10,372.1	81.3	79.8	71.45	9,561.0	2,004.9	581.8	421.5	160.29	3.630	
20,140.0	10,569.1	19,588.1	10,372.3	81.5	80.1	71.45	9,601.0	2,004.8	581.8	421.0	160.85	3.617	
20,200.0	10,569.3	19,648.1	10,372.5	81.9	80.5	71.46	9,661.0	2,004.7	581.8	420.1	161.69	3.598	
20,235.0	10,569.4	19,683.1	10,372.7	82.2	80.7	71.46	9,696.0	2,004.6	581.8	419.7	162.18	3.588	
20,300.0	10,569.7	19,748.1	10,373.0	82.6	81.2	71.46	9,761.0	2,004.5	581.9	418.8	163.09	3.568	
20,330.0	10,569.8	19,778.1	10,373.1	82.8	81.4	71.46	9,791.0	2,004.4	581.9	418.3	163.52	3.558	
20,400.0	10,570.1	19,848.1	10,373.4	83.3	81.9	71.46	9,861.0	2,004.3	581.9	417.4	164.50	3.537	
20,425.0	10,570.2	19,873.1	10,373.5	83.5	82.1	71.46	9,886.0	2,004.2	581.9	417.0	164.85	3.530	
20,500.0	10,570.4	19,948.1	10,373.8	84.0	82.6	71.47	9,961.0	2,004.1	581.9	416.0	165.91	3.507	
20,520.0	10,570.5	19,968.1	10,373.9	84.2	82.7	71.47	9,980.9	2,004.1	581.9	415.7	166.19	3.501	
20,600.0	10,570.8	20,048.1	10,374.2	84.7	83.3	71.47	10,060.9	2,003.9	581.9	414.6	167.32	3.478	
20,615.0	10,570.9	20,063.1	10,374.3	84.8	83.4	71.47	10,075.9	2,003.9	581.9	414.4	167.53	3.473	
20,700.0	10,571.2	20,148.1	10,374.6	85.4	84.0	71.47	10,160.9	2,003.7	581.9	413.2	168.73	3.449	
20,710.0	10,571.2	20,158.1	10,374.7	85.5	84.1	71.48	10,170.9	2,003.7	581.9	413.1	168.88	3.446	
20,800.0	10,571.6	20,248.1	10,375.0	86.1	84.7	71.48	10,260.9	2,003.5	582.0	411.8	170.15	3.420	
20,805.0	10,571.6	20,253.1	10,375.1	86.2	84.7	71.48	10,265.9	2,003.5	582.0	411.7	170.22	3.419	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
20,900.0	10,572.0	20,348.1	10,375.4	86.8	85.4	71.48	10,360.9	2,003.3	582.0	410.4	171.57	3.392	
20,995.0	10,572.3	20,443.1	10,375.8	87.5	86.1	71.49	10,455.9	2,003.1	582.0	409.1	172.91	3.366	
21,000.0	10,572.4	20,448.1	10,375.9	87.5	86.1	71.49	10,460.9	2,003.1	582.0	409.0	172.99	3.364	
21,090.0	10,572.7	20,538.1	10,376.2	88.1	86.8	71.49	10,550.9	2,002.9	582.0	407.8	174.26	3.340	
21,100.0	10,572.8	20,548.1	10,376.3	88.2	86.8	71.49	10,560.9	2,002.9	582.0	407.6	174.41	3.337	
21,185.0	10,573.1	20,633.1	10,376.6	88.8	87.4	71.49	10,645.9	2,002.8	582.0	406.4	175.62	3.314	
21,200.0	10,573.1	20,648.1	10,376.7	88.9	87.5	71.49	10,660.9	2,002.7	582.0	406.2	175.83	3.310	
21,280.0	10,573.4	20,728.1	10,377.0	89.5	88.1	71.50	10,740.9	2,002.6	582.1	405.1	176.97	3.289	
21,300.0	10,573.5	20,748.1	10,377.1	89.6	88.2	71.50	10,760.9	2,002.5	582.1	404.8	177.25	3.284	
21,375.0	10,573.8	20,823.1	10,377.4	90.2	88.8	71.50	10,835.9	2,002.4	582.1	403.8	178.32	3.264	
21,400.0	10,573.9	20,848.1	10,377.5	90.3	88.9	71.50	10,860.9	2,002.3	582.1	403.4	178.68	3.258	
21,470.0	10,574.2	20,918.1	10,377.8	90.8	89.4	71.50	10,930.9	2,002.2	582.1	402.4	179.68	3.240	
21,500.0	10,574.3	20,948.1	10,377.9	91.0	89.7	71.50	10,960.9	2,002.1	582.1	402.0	180.11	3.232	
21,565.0	10,574.5	21,013.1	10,378.2	91.5	90.1	71.51	11,025.9	2,002.0	582.1	401.1	181.04	3.215	
21,600.0	10,574.7	21,048.1	10,378.3	91.7	90.4	71.51	11,060.9	2,001.9	582.1	400.6	181.54	3.207	
21,660.0	10,574.9	21,108.1	10,378.6	92.2	90.8	71.51	11,120.9	2,001.8	582.1	399.7	182.40	3.192	
21,700.0	10,575.1	21,148.1	10,378.8	92.4	91.1	71.51	11,160.9	2,001.8	582.1	399.2	182.97	3.182	
21,755.0	10,575.3	21,203.1	10,379.0	92.8	91.5	71.51	11,215.9	2,001.6	582.2	398.4	183.76	3.168	
21,800.0	10,575.4	21,248.1	10,379.2	93.2	91.8	71.52	11,260.9	2,001.6	582.2	397.8	184.40	3.157	
21,850.0	10,575.6	21,298.1	10,379.4	93.5	92.2	71.52	11,310.9	2,001.5	582.2	397.1	185.12	3.145	
21,900.0	10,575.8	21,348.1	10,379.6	93.9	92.5	71.52	11,360.9	2,001.4	582.2	396.3	185.84	3.133	
21,945.0	10,576.0	21,393.1	10,379.8	94.2	92.8	71.52	11,405.9	2,001.3	582.2	395.7	186.48	3.122	
22,000.0	10,576.2	21,448.1	10,380.0	94.6	93.2	71.52	11,460.9	2,001.2	582.2	394.9	187.27	3.109	
22,040.0	10,576.4	21,488.1	10,380.2	94.9	93.5	71.52	11,500.9	2,001.1	582.2	394.4	187.85	3.099	
22,100.0	10,576.6	21,548.1	10,380.4	95.3	93.9	71.53	11,560.9	2,001.0	582.2	393.5	188.71	3.085	
22,135.0	10,576.7	21,583.1	10,380.6	95.5	94.2	71.53	11,595.9	2,000.9	582.2	393.0	189.22	3.077	
22,200.0	10,577.0	21,648.1	10,380.8	96.0	94.7	71.53	11,660.9	2,000.8	582.2	392.1	190.15	3.062	
22,230.0	10,577.1	21,678.1	10,381.0	96.2	94.9	71.53	11,690.9	2,000.7	582.3	391.7	190.58	3.055	
22,300.0	10,577.4	21,748.1	10,381.3	96.7	95.4	71.53	11,760.9	2,000.6	582.3	390.7	191.59	3.039	
22,325.0	10,577.5	21,773.1	10,381.4	96.9	95.6	71.54	11,785.9	2,000.5	582.3	390.3	191.95	3.033	
22,400.0	10,577.8	21,848.1	10,381.7	97.4	96.1	71.54	11,860.9	2,000.4	582.3	389.3	193.03	3.016	
22,420.0	10,577.8	21,868.1	10,381.7	97.6	96.2	71.54	11,880.9	2,000.3	582.3	389.0	193.32	3.012	
22,500.0	10,578.1	21,948.1	10,382.1	98.1	96.8	71.54	11,960.9	2,000.2	582.3	387.8	194.48	2.994	
22,515.0	10,578.2	21,963.1	10,382.1	98.2	96.9	71.54	11,975.9	2,000.2	582.3	387.6	194.69	2.991	
22,593.5	10,578.5	22,041.6	10,382.5	98.8	97.5	71.55	12,054.5	2,000.0	582.3	386.5	195.83	2.974	
22,600.0	10,578.5	22,048.1	10,382.5	98.9	97.5	71.55	12,060.9	2,000.0	582.3	386.4	195.92	2.972	
22,610.0	10,578.6	22,058.1	10,382.5	98.9	97.6	71.55	12,070.9	2,000.0	582.3	386.3	196.06	2.970	
22,700.0	10,578.9	22,148.1	10,382.9	99.6	98.2	71.55	12,160.9	1,999.8	582.3	385.0	197.36	2.951	
22,705.0	10,578.9	22,153.1	10,382.9	99.6	98.3	71.55	12,165.9	1,999.8	582.3	384.9	197.44	2.950	
22,705.6	10,578.9	22,153.7	10,382.9	99.6	98.3	71.55	12,166.5	1,999.8	582.3	384.9	197.45	2.949	
22,723.5	10,579.0	22,170.0	10,383.0	99.7	98.4	71.55	12,182.9	1,999.8	582.4	384.7	197.70	2.946	ES, 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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.2	0.2	3.0	3.0	-90.06	0.0	-30.1	30.2				
95.0	95.0	95.2	95.2	3.0	3.0	-90.06	0.0	-30.1	30.2	24.1	6.04	4.995	
100.0	100.0	100.2	100.2	3.0	3.0	-90.06	0.0	-30.1	30.2	24.1	6.04	4.991	
190.0	190.0	190.2	190.2	3.1	3.1	-90.06	0.0	-30.1	30.2	23.9	6.25	4.822	
200.0	200.0	200.2	200.2	3.1	3.1	-90.06	0.0	-30.1	30.2	23.9	6.29	4.796	
285.0	285.0	285.2	285.2	3.3	3.3	-90.06	0.0	-30.1	30.2	23.7	6.48	4.650	
300.0	300.0	300.2	300.2	3.3	3.3	-90.06	0.0	-30.1	30.2	23.6	6.52	4.622	
380.0	380.0	380.2	380.2	3.4	3.4	-90.06	0.0	-30.1	30.2	23.4	6.70	4.499	
400.0	400.0	400.2	400.2	3.4	3.4	-90.06	0.0	-30.1	30.2	23.4	6.75	4.466	
475.0	475.0	475.2	475.2	3.5	3.5	-90.06	0.0	-30.1	30.2	23.2	6.91	4.361	
500.0	500.0	500.2	500.2	3.5	3.5	-90.06	0.0	-30.1	30.2	23.2	6.97	4.325	
570.0	570.0	570.2	570.2	3.6	3.6	-90.06	0.0	-30.1	30.2	23.0	7.12	4.235	
600.0	600.0	600.2	600.2	3.6	3.6	-90.06	0.0	-30.1	30.2	23.0	7.18	4.196	
665.0	665.0	665.2	665.2	3.7	3.7	-90.06	0.0	-30.1	30.2	22.8	7.32	4.120	
700.0	700.0	700.2	700.2	3.8	3.8	-90.06	0.0	-30.1	30.2	22.8	7.39	4.079	
760.0	760.0	760.2	760.2	3.8	3.8	-90.06	0.0	-30.1	30.2	22.6	7.51	4.014	
800.0	800.0	800.2	800.2	3.9	3.9	-90.06	0.0	-30.1	30.2	22.6	7.59	3.970	
855.0	855.0	855.2	855.2	4.0	4.0	-90.06	0.0	-30.1	30.2	22.4	7.70	3.915	
900.0	900.0	900.2	900.2	4.0	4.0	-90.06	0.0	-30.1	30.2	22.4	7.79	3.870	
950.0	950.0	950.2	950.2	4.1	4.1	-90.06	0.0	-30.1	30.2	22.3	7.89	3.823	
1,000.0	1,000.0	1,000.2	1,000.2	4.1	4.1	-90.06	0.0	-30.1	30.2	22.2	7.98	3.777	
1,045.0	1,045.0	1,045.2	1,045.2	4.2	4.2	-90.06	0.0	-30.1	30.2	22.1	8.07	3.738	
1,100.0	1,100.0	1,100.2	1,100.2	4.2	4.2	-90.06	0.0	-30.1	30.2	22.0	8.17	3.690	
1,140.0	1,140.0	1,140.2	1,140.2	4.3	4.3	-90.06	0.0	-30.1	30.2	21.9	8.24	3.658	
1,200.0	1,200.0	1,200.2	1,200.2	4.4	4.4	-90.06	0.0	-30.1	30.2	21.8	8.35	3.610	
1,235.0	1,235.0	1,235.2	1,235.2	4.4	4.4	-90.06	0.0	-30.1	30.2	21.7	8.42	3.583	
1,300.0	1,300.0	1,300.2	1,300.2	4.5	4.5	-90.06	0.0	-30.1	30.2	21.6	8.53	3.534	
1,330.0	1,330.0	1,330.2	1,330.2	4.5	4.5	-90.06	0.0	-30.1	30.2	21.6	8.58	3.512	
1,400.0	1,400.0	1,400.2	1,400.2	4.6	4.6	-90.06	0.0	-30.1	30.2	21.4	8.71	3.463	
1,425.0	1,425.0	1,425.2	1,425.2	4.6	4.6	-90.06	0.0	-30.1	30.2	21.4	8.75	3.446	
1,500.0	1,500.0	1,500.2	1,500.2	4.7	4.7	-90.06	0.0	-30.1	30.2	21.3	8.88	3.395	
1,520.0	1,520.0	1,520.4	1,520.4	4.7	4.7	176.90	0.0	-30.1	30.1	21.2	8.96	3.366	
1,600.0	1,600.0	1,601.3	1,601.2	4.8	4.8	176.81	-0.2	-28.4	30.1	20.9	9.26	3.252	
1,615.0	1,615.0	1,616.4	1,616.4	4.8	4.8	176.78	-0.2	-27.8	30.1	20.8	9.35	3.223	
1,700.0	1,699.8	1,702.3	1,702.2	5.0	5.0	176.54	-0.6	-23.0	30.1	20.3	9.81	3.064	
1,710.0	1,709.8	1,712.4	1,712.2	5.0	5.0	176.50	-0.7	-22.3	30.1	20.2	9.87	3.046	
1,800.0	1,799.5	1,803.4	1,802.8	5.2	5.2	176.09	-1.3	-14.2	30.0	19.6	10.39	2.888	
1,805.0	1,804.4	1,808.4	1,807.8	5.2	5.2	176.06	-1.3	-13.6	30.0	19.6	10.42	2.879	
1,900.0	1,898.7	1,904.4	1,903.1	5.5	5.5	175.45	-2.3	-1.7	29.9	18.9	10.99	2.720	
1,995.0	1,992.5	2,000.4	1,997.9	5.8	5.9	174.67	-3.5	13.3	29.8	18.2	11.59	2.569	
2,000.0	1,997.5	2,005.5	2,002.9	5.9	5.9	174.62	-3.5	14.2	29.8	18.1	11.62	2.561	
2,090.0	2,085.8	2,096.4	2,092.1	6.2	6.2	173.72	-4.9	31.5	29.6	17.4	12.22	2.425	
2,098.0	2,093.7	2,104.5	2,100.0	6.2	6.2	173.63	-5.1	33.2	29.6	17.3	12.27	2.413	CC
2,100.0	2,095.6	2,106.4	2,101.9	6.2	6.2	173.61	-5.1	33.6	29.6	17.3	12.28	2.411	ES
2,185.0	2,178.5	2,191.4	2,185.1	6.5	6.5	173.02	-6.5	51.2	30.9	18.1	12.85	2.406	SF
2,200.0	2,193.1	2,206.5	2,199.7	6.6	6.5	172.98	-6.7	54.3	31.4	18.5	12.96	2.425	
2,280.0	2,270.7	2,286.4	2,277.9	6.8	6.8	172.83	-8.0	70.9	34.2	20.8	13.47	2.542	
2,300.0	2,290.1	2,306.4	2,297.5	6.9	6.8	172.80	-8.4	75.0	35.0	21.4	13.60	2.570	
2,375.0	2,362.9	2,381.3	2,370.8	7.1	7.1	172.68	-9.6	90.6	37.6	23.5	14.11	2.665	
2,400.0	2,387.1	2,406.3	2,395.2	7.2	7.2	172.65	-10.0	95.7	38.5	24.2	14.28	2.695	
2,470.0	2,455.0	2,476.2	2,463.7	7.5	7.4	172.56	-11.2	110.2	41.0	26.2	14.78	2.771	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,500.0	2,484.1	2,506.2	2,493.0	7.6	7.5	172.53	-11.7	116.4	42.0	27.0	15.00	2.802	
2,565.0	2,547.2	2,571.2	2,556.5	7.8	7.7	172.46	-12.7	129.9	44.3	28.9	15.48	2.864	
2,600.0	2,581.2	2,606.2	2,590.7	7.9	7.9	172.42	-13.3	137.2	45.6	29.8	15.74	2.895	
2,660.0	2,639.4	2,666.1	2,649.4	8.2	8.1	172.37	-14.3	149.6	47.7	31.5	16.20	2.944	
2,700.0	2,678.2	2,706.1	2,688.5	8.3	8.2	172.33	-14.9	157.9	49.1	32.6	16.51	2.974	
2,755.0	2,731.6	2,761.1	2,742.2	8.5	8.4	172.29	-15.8	169.3	51.1	34.1	16.95	3.013	
2,800.0	2,775.2	2,806.0	2,786.2	8.7	8.6	172.26	-16.6	178.6	52.7	35.4	17.30	3.043	
2,850.0	2,823.7	2,856.0	2,835.1	8.9	8.8	172.22	-17.4	188.9	54.4	36.7	17.71	3.074	
2,900.0	2,872.3	2,906.0	2,884.0	9.1	9.0	172.19	-18.2	199.3	56.2	38.1	18.11	3.103	
2,945.0	2,915.9	2,951.0	2,928.0	9.3	9.2	172.16	-19.0	208.6	57.8	39.3	18.48	3.127	
3,000.0	2,969.3	3,005.9	2,981.7	9.5	9.4	172.13	-19.9	220.0	59.7	40.8	18.93	3.155	
3,040.0	3,008.1	3,045.9	3,020.8	9.7	9.6	172.11	-20.5	228.3	61.2	41.9	19.27	3.173	
3,100.0	3,066.3	3,105.9	3,079.5	9.9	9.8	172.08	-21.5	240.7	63.3	43.5	19.77	3.200	
3,135.0	3,100.3	3,140.8	3,113.7	10.1	9.9	172.06	-22.1	248.0	64.5	44.4	20.07	3.214	
3,200.0	3,163.3	3,205.8	3,177.3	10.3	10.2	172.03	-23.2	261.4	66.8	46.2	20.62	3.240	
3,230.0	3,192.5	3,235.8	3,206.6	10.5	10.3	172.02	-23.6	267.6	67.9	47.0	20.88	3.250	
3,300.0	3,260.4	3,305.7	3,275.0	10.8	10.6	171.99	-24.8	282.1	70.4	48.9	21.49	3.274	
3,325.0	3,284.6	3,330.7	3,299.4	10.9	10.7	171.98	-25.2	287.3	71.2	49.5	21.70	3.282	
3,400.0	3,357.4	3,405.7	3,372.8	11.2	11.0	171.95	-26.4	302.9	73.9	51.5	22.36	3.305	
3,420.0	3,376.8	3,425.7	3,392.3	11.3	11.1	171.94	-26.8	307.0	74.6	52.1	22.53	3.311	
3,500.0	3,454.4	3,505.6	3,470.5	11.6	11.5	171.92	-28.1	323.6	77.4	54.2	23.24	3.332	
3,515.0	3,469.0	3,520.6	3,485.2	11.7	11.5	171.91	-28.3	326.7	78.0	54.6	23.37	3.336	
3,600.0	3,551.5	3,605.5	3,568.3	12.1	11.9	171.88	-29.7	344.3	81.0	56.9	24.12	3.357	
3,610.0	3,561.2	3,615.5	3,578.0	12.1	11.9	171.88	-29.9	346.4	81.3	57.1	24.21	3.359	
3,700.0	3,648.5	3,705.5	3,666.0	12.5	12.3	171.86	-31.4	365.0	84.5	59.5	25.02	3.378	
3,705.0	3,653.3	3,710.5	3,670.9	12.5	12.4	171.85	-31.4	366.0	84.7	59.6	25.06	3.379	
3,800.0	3,745.5	3,805.4	3,763.8	13.0	12.8	171.83	-33.0	385.7	88.1	62.1	25.92	3.397	
3,895.0	3,837.7	3,900.4	3,856.6	13.4	13.2	171.81	-34.6	405.4	91.4	64.6	26.78	3.414	
3,900.0	3,842.6	3,905.4	3,861.5	13.4	13.2	171.80	-34.6	406.4	91.6	64.8	26.83	3.415	
3,990.0	3,929.9	3,995.3	3,949.5	13.8	13.6	171.78	-36.1	425.1	94.8	67.1	27.65	3.429	
4,000.0	3,939.6	4,005.3	3,959.3	13.9	13.6	171.78	-36.3	427.1	95.1	67.4	27.74	3.430	
4,085.0	4,022.1	4,090.2	4,042.4	14.3	14.0	171.76	-37.7	444.7	98.1	69.6	28.51	3.442	
4,100.0	4,036.6	4,105.2	4,057.0	14.3	14.1	171.76	-37.9	447.8	98.7	70.0	28.65	3.444	
4,180.0	4,114.2	4,185.2	4,135.2	14.7	14.4	171.74	-39.2	464.4	101.5	72.1	29.39	3.454	
4,200.0	4,133.6	4,205.2	4,154.8	14.8	14.5	171.74	-39.6	468.6	102.2	72.6	29.57	3.457	
4,275.0	4,206.4	4,280.1	4,228.1	15.1	14.9	171.73	-40.8	484.1	104.9	74.6	30.26	3.465	
4,300.0	4,230.7	4,305.1	4,252.5	15.2	15.0	171.72	-41.2	489.3	105.8	75.3	30.49	3.468	
4,370.0	4,298.6	4,375.1	4,321.0	15.6	15.3	171.71	-42.4	503.8	108.2	77.1	31.14	3.475	
4,400.0	4,327.7	4,405.0	4,350.3	15.7	15.4	171.71	-42.9	510.0	109.3	77.9	31.42	3.479	
4,465.0	4,390.8	4,470.0	4,413.8	16.0	15.7	171.69	-43.9	523.4	111.6	79.6	32.03	3.485	
4,500.0	4,424.7	4,505.0	4,448.0	16.2	15.9	171.69	-44.5	530.7	112.8	80.5	32.35	3.488	
4,560.0	4,482.9	4,564.9	4,506.7	16.5	16.1	171.68	-45.5	543.1	115.0	82.1	32.91	3.493	
4,600.0	4,521.8	4,604.9	4,545.8	16.6	16.3	171.67	-46.1	551.4	116.4	83.1	33.28	3.497	
4,655.0	4,575.1	4,659.9	4,599.6	16.9	16.6	171.67	-47.0	562.8	118.3	84.5	33.80	3.501	
4,700.0	4,618.8	4,704.8	4,643.6	17.1	16.8	171.66	-47.8	572.1	119.9	85.7	34.22	3.505	
4,750.0	4,667.3	4,754.8	4,692.4	17.3	17.0	171.65	-48.6	582.5	121.7	87.0	34.69	3.508	
4,800.0	4,715.8	4,804.8	4,741.3	17.6	17.2	171.65	-49.4	592.8	123.5	88.3	35.16	3.512	
4,845.0	4,759.5	4,849.8	4,785.3	17.8	17.4	171.64	-50.2	602.1	125.1	89.5	35.58	3.515	
4,900.0	4,812.8	4,904.7	4,839.1	18.0	17.7	171.63	-51.1	613.5	127.0	90.9	36.10	3.519	
4,940.0	4,851.7	4,944.7	4,878.2	18.2	17.9	171.63	-51.7	621.8	128.4	91.9	36.47	3.521	
5,000.0	4,909.9	5,004.7	4,936.8	18.5	18.1	171.62	-52.7	634.3	130.5	93.5	37.04	3.525	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,035.0	4,943.8	5,039.6	4,971.0	18.7	18.3	171.62	-53.3	641.5	131.8	94.4	37.37	3.527	
5,100.0	5,006.9	5,104.6	5,034.6	19.0	18.6	171.61	-54.4	655.0	134.1	96.1	37.98	3.530	
5,130.0	5,036.0	5,134.6	5,063.9	19.1	18.7	171.61	-54.9	661.2	135.1	96.9	38.26	3.532	
5,200.0	5,103.9	5,204.5	5,132.3	19.5	19.1	171.60	-56.0	675.7	137.6	98.7	38.93	3.536	
5,225.0	5,128.2	5,229.5	5,156.8	19.6	19.2	171.60	-56.4	680.9	138.5	99.3	39.16	3.537	
5,300.0	5,201.0	5,304.5	5,230.1	19.9	19.5	171.59	-57.6	696.4	141.2	101.3	39.87	3.540	
5,320.0	5,220.4	5,324.5	5,249.6	20.0	19.6	171.59	-58.0	700.5	141.9	101.8	40.06	3.541	
5,400.0	5,298.0	5,404.4	5,327.8	20.4	20.0	171.58	-59.3	717.1	144.7	103.9	40.82	3.545	
5,415.0	5,312.5	5,419.4	5,342.5	20.5	20.0	171.58	-59.5	720.2	145.2	104.3	40.96	3.546	
5,500.0	5,395.0	5,504.3	5,425.6	20.9	20.4	171.57	-60.9	737.8	148.2	106.5	41.77	3.549	
5,510.0	5,404.7	5,514.3	5,435.4	20.9	20.5	171.57	-61.1	739.9	148.6	106.7	41.87	3.549	
5,600.0	5,492.1	5,604.3	5,523.3	21.4	20.9	171.56	-62.6	758.5	151.8	109.1	42.72	3.553	
5,605.0	5,496.9	5,609.3	5,528.2	21.4	20.9	171.56	-62.7	759.6	152.0	109.2	42.77	3.553	
5,700.0	5,589.1	5,704.2	5,621.1	21.8	21.4	171.55	-64.2	779.2	155.3	111.7	43.67	3.556	
5,795.0	5,681.3	5,799.2	5,714.0	22.3	21.8	171.55	-65.8	798.9	158.7	114.1	44.58	3.560	
5,800.0	5,686.1	5,804.2	5,718.8	22.3	21.8	171.55	-65.9	800.0	158.9	114.2	44.63	3.560	
5,890.0	5,773.4	5,894.1	5,806.8	22.7	22.2	171.54	-67.3	818.6	162.1	116.6	45.49	3.563	
5,900.0	5,783.1	5,904.1	5,816.6	22.8	22.3	171.54	-67.5	820.7	162.4	116.8	45.58	3.563	
5,985.0	5,865.6	5,989.0	5,899.7	23.2	22.7	171.53	-68.9	838.3	165.4	119.0	46.39	3.565	
6,000.0	5,880.2	6,004.0	5,914.4	23.3	22.7	171.53	-69.1	841.4	165.9	119.4	46.54	3.566	
6,080.0	5,957.8	6,084.0	5,992.6	23.7	23.1	171.52	-70.5	857.9	168.8	121.5	47.30	3.568	
6,100.0	5,977.2	6,104.0	6,012.1	23.8	23.2	171.52	-70.8	862.1	169.5	122.0	47.49	3.569	
6,175.0	6,050.0	6,178.9	6,085.4	24.1	23.6	171.52	-72.0	877.6	172.1	123.9	48.21	3.571	
6,200.0	6,074.2	6,203.9	6,109.9	24.2	23.7	171.52	-72.4	882.8	173.0	124.6	48.45	3.571	
6,270.0	6,142.1	6,273.9	6,178.3	24.6	24.0	171.51	-73.6	897.3	175.5	126.4	49.12	3.573	
6,300.0	6,171.3	6,303.8	6,207.6	24.7	24.1	171.51	-74.1	903.5	176.6	127.2	49.41	3.574	
6,365.0	6,234.3	6,368.8	6,271.2	25.0	24.4	171.51	-75.1	917.0	178.9	128.8	50.03	3.575	
6,400.0	6,268.3	6,403.4	6,305.0	25.2	24.6	171.50	-75.7	924.1	180.1	129.8	50.36	3.576	
6,460.0	6,326.5	6,459.8	6,360.3	25.5	24.9	171.54	-76.6	935.2	183.0	132.0	50.92	3.593	
6,500.0	6,365.3	6,500.0	6,399.8	25.7	25.1	171.60	-77.1	942.3	185.5	134.2	51.31	3.615	
6,555.0	6,418.7	6,548.8	6,448.0	25.9	25.3	171.71	-77.8	950.3	189.8	138.1	51.76	3.668	
6,600.0	6,462.3	6,590.8	6,489.6	26.2	25.5	171.83	-78.3	956.5	194.1	142.0	52.14	3.723	
6,650.0	6,510.9	6,637.4	6,535.7	26.4	25.7	172.00	-78.8	962.7	199.6	147.1	52.55	3.799	
6,700.0	6,559.4	6,683.7	6,581.7	26.6	25.9	172.19	-79.2	968.1	205.9	153.0	52.94	3.889	
6,745.0	6,603.0	6,725.3	6,623.1	26.9	26.1	172.37	-79.5	972.3	212.3	159.0	53.28	3.984	
6,800.0	6,656.4	6,775.8	6,673.4	27.1	26.3	172.62	-79.9	976.7	220.9	167.2	53.67	4.116	
6,840.0	6,695.2	6,812.4	6,709.9	27.3	26.4	172.81	-80.1	979.2	227.7	173.8	53.94	4.222	
6,900.0	6,753.4	6,866.9	6,764.3	27.6	26.6	173.11	-80.3	982.2	239.0	184.7	54.31	4.400	
6,935.0	6,787.4	6,900.0	6,797.4	27.8	26.7	173.29	-80.4	983.5	246.1	191.5	54.57	4.509	
7,000.0	6,850.5	6,956.9	6,854.2	28.1	26.8	173.61	-80.5	984.9	260.2	205.4	54.78	4.749	
7,030.0	6,879.6	6,983.6	6,881.0	28.2	26.8	173.77	-80.5	985.1	267.1	212.2	54.90	4.866	
7,100.0	6,947.5	7,050.3	6,947.7	28.6	26.9	174.13	-80.5	985.1	283.9	228.7	55.25	5.139	
7,125.0	6,971.7	7,074.6	6,971.9	28.7	26.9	174.25	-80.5	985.1	290.0	234.6	55.39	5.235	
7,200.0	7,044.5	7,147.4	7,044.7	29.1	26.9	174.59	-80.5	985.1	308.0	252.2	55.79	5.521	
7,220.0	7,063.9	7,166.8	7,064.1	29.2	26.9	174.67	-80.5	985.1	312.8	256.9	55.90	5.597	
7,300.0	7,141.5	7,244.4	7,141.7	29.5	26.9	174.98	-80.5	985.1	332.1	275.8	56.32	5.897	
7,315.0	7,156.1	7,258.9	7,156.3	29.6	26.9	175.04	-80.5	985.1	335.7	279.3	56.40	5.952	
7,400.0	7,238.6	7,341.4	7,238.8	30.0	27.0	175.32	-80.5	985.1	356.2	299.4	56.85	6.266	
7,410.0	7,248.3	7,351.1	7,248.5	30.1	27.0	175.35	-80.5	985.1	358.6	301.7	56.91	6.302	
7,500.0	7,335.6	7,438.4	7,335.8	30.5	27.0	175.62	-80.5	985.1	380.4	323.0	57.38	6.629	
7,505.0	7,340.5	7,443.3	7,340.7	30.5	27.0	175.63	-80.5	985.1	381.6	324.2	57.41	6.646	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

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

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,600.0	7,432.6	7,535.5	7,432.8	31.0	27.0	175.88	-80.5	985.1	404.5	346.6	57.91	6.985	
7,602.3	7,434.9	7,537.7	7,435.1	31.0	27.0	175.89	-80.5	985.1	405.1	347.1	57.92	6.993	
7,695.0	7,525.2	7,628.0	7,525.4	31.5	27.0	176.12	-80.5	985.1	426.0	367.6	58.41	7.293	
7,700.0	7,530.1	7,632.9	7,530.3	31.5	27.0	176.13	-80.5	985.1	427.0	368.6	58.44	7.307	
7,790.0	7,618.3	7,721.2	7,618.5	31.9	27.1	176.30	-80.5	985.1	444.4	385.5	58.90	7.545	
7,800.0	7,628.2	7,731.0	7,628.4	32.0	27.1	176.32	-80.5	985.1	446.1	387.2	58.95	7.568	
7,885.0	7,712.1	7,814.9	7,712.3	32.4	27.1	176.45	-80.5	985.1	459.7	400.3	59.36	7.744	
7,900.0	7,726.9	7,829.8	7,727.1	32.4	27.1	176.47	-80.5	985.1	461.8	402.4	59.44	7.770	
7,980.0	7,806.3	7,909.1	7,806.5	32.8	27.1	176.55	-80.5	985.1	471.9	412.1	59.81	7.890	
8,000.0	7,826.2	7,929.0	7,826.4	32.9	27.1	176.57	-80.5	985.1	474.1	414.2	59.90	7.914	
8,075.0	7,900.9	8,003.7	7,901.1	33.2	27.1	176.63	-80.5	985.1	481.0	420.8	60.22	7.986	
8,100.0	7,925.8	8,028.6	7,926.0	33.3	27.2	176.64	-80.5	985.1	482.9	422.5	60.33	8.003	
8,170.0	7,995.7	8,098.5	7,995.9	33.5	27.2	176.68	-80.5	985.1	486.9	426.3	60.60	8.035	
8,200.0	8,025.6	8,128.5	8,025.8	33.6	27.2	176.69	-80.5	985.1	488.2	427.4	60.72	8.040	
8,265.0	8,090.6	8,193.5	8,090.8	33.7	27.2	176.70	-80.5	985.1	489.7	428.9	60.85	8.049	
8,302.4	8,128.0	8,230.8	8,128.2	33.8	27.2	-90.26	-80.5	985.1	490.0	429.1	60.92	8.043	
8,360.0	8,185.6	8,288.5	8,185.8	33.8	27.2	-90.26	-80.5	985.1	490.0	429.0	60.95	8.039	
8,400.0	8,225.6	8,328.5	8,225.8	33.8	27.2	-90.26	-80.5	985.1	490.0	429.0	60.97	8.037	
8,455.0	8,280.6	8,383.5	8,280.8	33.8	27.3	-90.26	-80.5	985.1	490.0	429.0	61.00	8.033	
8,500.0	8,325.6	8,428.5	8,325.8	33.8	27.3	-90.26	-80.5	985.1	490.0	429.0	61.02	8.030	
8,550.0	8,375.6	8,478.5	8,375.8	33.8	27.3	-90.26	-80.5	985.1	490.0	428.9	61.05	8.027	
8,600.0	8,425.6	8,528.5	8,425.8	33.9	27.3	-90.26	-80.5	985.1	490.0	428.9	61.07	8.023	
8,645.0	8,470.6	8,573.5	8,470.8	33.9	27.3	-90.26	-80.5	985.1	490.0	428.9	61.09	8.020	
8,700.0	8,525.6	8,628.5	8,525.8	33.9	27.3	-90.26	-80.5	985.1	490.0	428.9	61.12	8.016	
8,740.0	8,565.6	8,668.5	8,565.8	33.9	27.3	-90.26	-80.5	985.1	490.0	428.8	61.14	8.014	
8,800.0	8,625.6	8,728.5	8,625.8	33.9	27.4	-90.26	-80.5	985.1	490.0	428.8	61.17	8.010	
8,835.0	8,660.6	8,763.5	8,660.8	33.9	27.4	-90.26	-80.5	985.1	490.0	428.8	61.19	8.007	
8,900.0	8,725.6	8,828.5	8,725.8	33.9	27.4	-90.26	-80.5	985.1	490.0	428.8	61.23	8.003	
8,930.0	8,755.6	8,858.5	8,755.8	33.9	27.4	-90.26	-80.5	985.1	490.0	428.7	61.24	8.001	
9,000.0	8,825.6	8,928.5	8,825.8	33.9	27.4	-90.26	-80.5	985.1	490.0	428.7	61.28	7.996	
9,025.0	8,850.6	8,953.5	8,850.8	33.9	27.4	-90.26	-80.5	985.1	490.0	428.7	61.29	7.994	
9,100.0	8,925.6	9,028.5	8,925.8	34.0	27.4	-90.26	-80.5	985.1	490.0	428.7	61.33	7.989	
9,120.0	8,945.6	9,048.5	8,945.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.6	61.34	7.988	
9,200.0	9,025.6	9,128.5	9,025.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.6	61.38	7.982	
9,215.0	9,040.6	9,143.5	9,040.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.6	61.39	7.981	
9,300.0	9,125.6	9,228.5	9,125.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.5	61.44	7.975	
9,310.0	9,135.6	9,238.5	9,135.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.5	61.44	7.974	
9,400.0	9,225.6	9,328.5	9,225.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.5	61.49	7.968	
9,405.0	9,230.6	9,333.5	9,230.8	34.0	27.5	-90.26	-80.5	985.1	490.0	428.5	61.50	7.968	
9,500.0	9,325.6	9,428.5	9,325.8	34.1	27.6	-90.26	-80.5	985.1	490.0	428.4	61.55	7.961	
9,595.0	9,420.6	9,523.5	9,420.8	34.1	27.6	-90.26	-80.5	985.1	490.0	428.4	61.60	7.954	
9,600.0	9,425.6	9,528.5	9,425.8	34.1	27.6	-90.26	-80.5	985.1	490.0	428.4	61.60	7.954	
9,690.0	9,515.6	9,618.5	9,515.8	34.1	27.6	-90.26	-80.5	985.1	490.0	428.3	61.65	7.948	
9,700.0	9,525.6	9,628.5	9,525.8	34.1	27.6	-90.26	-80.5	985.1	490.0	428.3	61.66	7.947	
9,785.0	9,610.6	9,713.5	9,610.8	34.1	27.7	-90.26	-80.5	985.1	490.0	428.3	61.70	7.941	
9,800.0	9,625.6	9,728.5	9,625.8	34.1	27.7	-90.26	-80.5	985.1	490.0	428.3	61.71	7.940	
9,880.0	9,705.6	9,808.5	9,705.8	34.1	27.7	-90.26	-80.5	985.1	490.0	428.2	61.76	7.934	
9,900.0	9,725.6	9,828.5	9,725.8	34.1	27.7	-90.26	-80.5	985.1	490.0	428.2	61.76	7.933	
9,961.5	9,787.1	9,890.0	9,787.3	34.2	27.7	-90.13	-79.5	985.1	490.0	428.2	61.79	7.929	
9,975.0	9,800.6	9,903.4	9,800.7	34.2	27.7	-90.02	-78.5	985.1	490.0	428.2	61.80	7.928	
10,000.0	9,825.6	9,928.2	9,825.4	34.2	27.7	-89.71	-75.8	985.1	490.0	428.2	61.81	7.927	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,070.0	9,895.6	9,995.8	9,891.7	34.2	27.7	-88.24	-63.2	985.1	490.3	428.5	61.80	7.933	
10,100.0	9,925.6	10,023.7	9,918.6	34.2	27.7	-87.37	-55.8	985.1	490.6	428.9	61.75	7.945	
10,135.4	9,961.0	10,055.6	9,948.9	34.2	27.7	-86.19	-45.7	985.1	491.3	429.7	61.63	7.972	
10,150.0	9,975.6	10,068.5	9,960.9	34.2	27.7	-85.51	-41.1	985.1	491.7	430.1	61.56	7.987	
10,165.0	9,990.6	10,081.6	9,973.0	34.2	27.7	-84.95	-36.2	985.0	492.1	430.7	61.49	8.004	
10,200.0	10,025.5	10,111.8	10,000.6	34.2	27.7	-83.65	-23.8	985.0	493.4	432.1	61.28	8.051	
10,250.0	10,074.9	10,154.3	10,038.2	34.2	27.7	-81.86	-4.0	985.0	495.5	434.6	60.92	8.134	
10,260.0	10,084.6	10,162.6	10,045.4	34.2	27.7	-81.51	0.2	985.0	496.0	435.2	60.84	8.152	
10,300.0	10,123.4	10,195.9	10,073.4	34.2	27.7	-80.13	18.1	984.9	498.1	437.6	60.51	8.232	
10,350.0	10,170.6	10,236.7	10,106.4	34.2	27.8	-78.49	42.2	984.9	500.9	440.9	60.05	8.342	
10,355.0	10,175.3	10,240.8	10,109.6	34.2	27.8	-78.33	44.7	984.9	501.2	441.2	60.00	8.354	
10,400.0	10,216.3	10,276.9	10,137.1	34.2	27.8	-76.93	68.1	984.8	504.0	444.5	59.57	8.461	
10,450.0	10,260.1	10,316.5	10,165.5	34.2	27.8	-75.46	95.7	984.8	507.3	448.2	59.09	8.586	
10,500.0	10,301.5	10,355.6	10,191.5	34.2	27.8	-74.10	124.8	984.7	510.6	452.0	58.61	8.712	
10,545.0	10,336.6	10,390.4	10,213.0	34.2	27.8	-72.97	152.2	984.6	513.6	455.4	58.19	8.825	
10,550.0	10,340.4	10,394.2	10,215.3	34.2	27.8	-72.84	155.3	984.6	513.9	455.7	58.15	8.838	
10,600.0	10,376.4	10,432.5	10,236.8	34.3	27.8	-71.70	186.9	984.5	517.1	459.4	57.72	8.959	
10,640.0	10,402.9	10,462.8	10,252.3	34.3	27.8	-70.87	213.0	984.5	519.6	462.2	57.40	9.051	
10,650.0	10,409.2	10,470.4	10,255.9	34.3	27.8	-70.67	219.6	984.5	520.1	462.8	57.33	9.074	
10,700.0	10,438.6	10,507.9	10,272.7	34.3	27.9	-69.77	253.2	984.4	523.0	466.0	56.97	9.179	
10,735.0	10,457.0	10,534.1	10,283.1	34.3	27.9	-69.20	277.2	984.3	524.8	468.0	56.76	9.246	
10,750.0	10,464.4	10,550.0	10,288.8	34.3	27.9	-68.91	292.1	984.3	525.5	468.8	56.72	9.266	
10,800.0	10,486.3	10,582.4	10,299.3	34.3	27.9	-68.32	322.7	984.2	527.7	471.3	56.41	9.355	
10,830.0	10,497.6	10,600.0	10,304.2	34.3	27.9	-68.02	339.6	984.2	528.9	472.7	56.24	9.405	
10,850.0	10,504.3	10,619.3	10,309.1	34.4	27.9	-67.78	358.3	984.2	529.6	473.4	56.21	9.422	
10,900.0	10,518.1	10,650.0	10,315.5	34.4	28.0	-67.40	388.3	984.1	531.1	475.1	56.00	9.484	
10,925.0	10,523.4	10,674.5	10,319.4	34.4	28.0	-67.21	412.5	984.0	531.6	475.6	56.00	9.493	
10,950.0	10,527.6	10,692.9	10,321.7	34.4	28.0	-67.08	430.7	984.0	532.1	476.1	55.96	9.508	
11,000.0	10,532.9	10,729.5	10,324.5	34.5	28.1	-66.92	467.3	983.9	532.6	476.7	55.91	9.527	
11,020.0	10,533.8	10,744.2	10,324.9	34.5	28.1	-66.89	481.9	983.9	532.7	476.8	55.91	9.529	
11,033.2	10,534.0	10,754.3	10,325.0	34.5	28.1	-66.88	492.0	983.9	532.8	476.9	55.91	9.529	
11,100.0	10,534.3	10,821.1	10,325.2	34.6	28.2	-66.88	558.8	983.7	532.8	476.7	56.07	9.502	
11,115.0	10,534.3	10,836.1	10,325.3	34.6	28.2	-66.88	573.8	983.7	532.8	476.7	56.11	9.495	
11,200.0	10,534.6	10,921.1	10,325.6	34.7	28.3	-66.87	658.8	983.5	532.8	476.5	56.35	9.455	
11,210.0	10,534.7	10,931.1	10,325.6	34.7	28.3	-66.87	668.8	983.5	532.8	476.4	56.38	9.450	
11,300.0	10,535.0	11,021.1	10,325.9	34.8	28.5	-66.87	758.8	983.2	532.8	476.1	56.67	9.402	
11,305.0	10,535.0	11,026.1	10,325.9	34.8	28.5	-66.87	763.8	983.2	532.8	476.1	56.69	9.399	
11,400.0	10,535.4	11,121.1	10,326.3	35.0	28.7	-66.86	858.8	983.0	532.8	475.8	57.03	9.342	
11,495.0	10,535.8	11,216.1	10,326.6	35.2	28.9	-66.86	953.8	982.8	532.9	475.4	57.41	9.281	
11,500.0	10,535.8	11,221.1	10,326.6	35.2	28.9	-66.86	958.8	982.8	532.9	475.4	57.44	9.277	
11,590.0	10,536.1	11,311.1	10,326.9	35.3	29.1	-66.86	1,048.8	982.6	532.9	475.0	57.83	9.215	
11,600.0	10,536.2	11,321.1	10,326.9	35.3	29.1	-66.86	1,058.8	982.6	532.9	475.0	57.87	9.207	
11,685.0	10,536.5	11,406.1	10,327.2	35.5	29.3	-66.85	1,143.8	982.4	532.9	474.6	58.28	9.144	
11,700.0	10,536.6	11,421.1	10,327.3	35.6	29.4	-66.85	1,158.8	982.3	532.9	474.5	58.35	9.133	
11,780.0	10,536.9	11,501.1	10,327.6	35.7	29.6	-66.85	1,238.8	982.2	532.9	474.1	58.76	9.070	
11,800.0	10,537.0	11,521.1	10,327.6	35.8	29.6	-66.85	1,258.8	982.1	532.9	474.0	58.86	9.053	
11,875.0	10,537.2	11,596.1	10,327.9	35.9	29.8	-66.84	1,333.8	981.9	532.9	473.6	59.27	8.991	
11,900.0	10,537.3	11,621.1	10,328.0	36.0	29.9	-66.84	1,358.8	981.9	532.9	473.5	59.41	8.970	
11,970.0	10,537.6	11,691.1	10,328.2	36.2	30.1	-66.84	1,428.8	981.7	532.9	473.1	59.81	8.910	
12,000.0	10,537.7	11,721.1	10,328.3	36.3	30.2	-66.84	1,458.8	981.7	532.9	472.9	59.99	8.884	
12,065.0	10,538.0	11,786.1	10,328.5	36.4	30.4	-66.84	1,523.8	981.5	532.9	472.6	60.39	8.825	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,100.0	10,538.1	11,821.1	10,328.7	36.5	30.5	-66.84	1,558.8	981.4	533.0	472.3	60.61	8.794	
12,160.0	10,538.3	11,881.1	10,328.9	36.7	30.7	-66.83	1,618.8	981.3	533.0	472.0	60.99	8.738	
12,200.0	10,538.5	11,921.1	10,329.0	36.8	30.8	-66.83	1,658.8	981.2	533.0	471.7	61.25	8.701	
12,255.0	10,538.7	11,976.1	10,329.2	36.9	31.0	-66.83	1,713.8	981.1	533.0	471.4	61.63	8.649	
12,300.0	10,538.9	12,021.1	10,329.3	37.1	31.2	-66.83	1,758.8	981.0	533.0	471.1	61.93	8.606	
12,350.0	10,539.1	12,071.1	10,329.5	37.2	31.3	-66.82	1,808.8	980.9	533.0	470.7	62.29	8.557	
12,400.0	10,539.3	12,121.1	10,329.7	37.4	31.5	-66.82	1,858.8	980.8	533.0	470.4	62.64	8.509	
12,445.0	10,539.4	12,166.1	10,329.8	37.5	31.7	-66.82	1,903.8	980.7	533.0	470.0	62.97	8.464	
12,500.0	10,539.6	12,221.1	10,330.0	37.7	31.9	-66.82	1,958.8	980.5	533.0	469.6	63.38	8.410	
12,540.0	10,539.8	12,261.1	10,330.2	37.8	32.1	-66.82	1,998.8	980.4	533.0	469.3	63.68	8.370	
12,600.0	10,540.0	12,321.1	10,330.4	38.0	32.3	-66.81	2,058.8	980.3	533.0	468.9	64.14	8.310	
12,635.0	10,540.2	12,356.1	10,330.5	38.1	32.4	-66.81	2,093.8	980.2	533.0	468.6	64.42	8.274	
12,700.0	10,540.4	12,421.1	10,330.7	38.4	32.7	-66.81	2,158.8	980.1	533.1	468.1	64.94	8.209	
12,730.0	10,540.5	12,451.1	10,330.8	38.5	32.8	-66.81	2,188.8	980.0	533.1	467.9	65.18	8.178	
12,800.0	10,540.8	12,521.1	10,331.0	38.7	33.1	-66.81	2,258.8	979.8	533.1	467.3	65.76	8.107	
12,825.0	10,540.9	12,546.1	10,331.1	38.8	33.2	-66.80	2,283.8	979.8	533.1	467.1	65.97	8.081	
12,900.0	10,541.2	12,621.1	10,331.4	39.1	33.5	-66.80	2,358.8	979.6	533.1	466.5	66.60	8.004	
12,920.0	10,541.3	12,641.1	10,331.5	39.2	33.6	-66.80	2,378.8	979.6	533.1	466.3	66.77	7.983	
13,000.0	10,541.6	12,721.1	10,331.7	39.5	33.9	-66.80	2,458.8	979.4	533.1	465.6	67.47	7.901	
13,015.0	10,541.6	12,736.1	10,331.8	39.5	34.0	-66.80	2,473.8	979.4	533.1	465.5	67.60	7.886	
13,100.0	10,542.0	12,821.1	10,332.1	39.8	34.4	-66.79	2,558.8	979.2	533.1	464.8	68.36	7.799	
13,110.0	10,542.0	12,831.1	10,332.1	39.9	34.4	-66.79	2,568.8	979.1	533.1	464.7	68.45	7.788	
13,200.0	10,542.3	12,921.1	10,332.4	40.2	34.8	-66.79	2,658.8	978.9	533.1	463.9	69.28	7.696	
13,205.0	10,542.4	12,926.1	10,332.4	40.3	34.9	-66.79	2,663.8	978.9	533.1	463.8	69.32	7.691	
13,300.0	10,542.7	13,021.1	10,332.8	40.7	35.3	-66.78	2,758.8	978.7	533.2	462.9	70.21	7.594	
13,395.0	10,543.1	13,116.1	10,333.1	41.0	35.8	-66.78	2,853.8	978.5	533.2	462.1	71.12	7.497	
13,400.0	10,543.1	13,121.1	10,333.1	41.1	35.8	-66.78	2,858.8	978.5	533.2	462.0	71.17	7.492	
13,490.0	10,543.5	13,211.1	10,333.4	41.5	36.2	-66.78	2,948.8	978.3	533.2	461.1	72.05	7.401	
13,500.0	10,543.5	13,221.1	10,333.4	41.5	36.3	-66.78	2,958.8	978.3	533.2	461.0	72.14	7.391	
13,585.0	10,543.8	13,306.1	10,333.7	41.9	36.7	-66.77	3,043.8	978.1	533.2	460.2	72.99	7.305	
13,600.0	10,543.9	13,321.1	10,333.8	41.9	36.8	-66.77	3,058.8	978.0	533.2	460.1	73.14	7.290	
13,680.0	10,544.2	13,401.1	10,334.1	42.3	37.2	-66.77	3,138.8	977.9	533.2	459.3	73.95	7.211	
13,700.0	10,544.3	13,421.1	10,334.1	42.4	37.3	-66.77	3,158.8	977.8	533.2	459.1	74.15	7.191	
13,775.0	10,544.6	13,496.1	10,334.4	42.7	37.6	-66.76	3,233.8	977.6	533.2	458.3	74.92	7.117	
13,800.0	10,544.6	13,521.1	10,334.5	42.8	37.8	-66.76	3,258.8	977.6	533.2	458.1	75.18	7.093	
13,870.0	10,544.9	13,591.1	10,334.7	43.2	38.1	-66.76	3,328.8	977.4	533.3	457.3	75.92	7.024	
13,900.0	10,545.0	13,621.1	10,334.8	43.3	38.3	-66.76	3,358.8	977.4	533.3	457.0	76.23	6.995	
13,965.0	10,545.3	13,686.1	10,335.0	43.6	38.6	-66.76	3,423.8	977.2	533.3	456.3	76.92	6.933	
14,000.0	10,545.4	13,721.1	10,335.2	43.8	38.8	-66.75	3,458.8	977.1	533.3	456.0	77.30	6.899	
14,060.0	10,545.7	13,781.1	10,335.4	44.1	39.1	-66.75	3,518.8	977.0	533.3	455.3	77.94	6.842	
14,100.0	10,545.8	13,821.1	10,335.5	44.2	39.4	-66.75	3,558.8	976.9	533.3	454.9	78.37	6.804	
14,155.0	10,546.0	13,876.1	10,335.7	44.5	39.7	-66.75	3,613.8	976.8	533.3	454.3	78.98	6.753	
14,200.0	10,546.2	13,921.1	10,335.8	44.7	39.9	-66.75	3,658.8	976.7	533.3	453.8	79.47	6.711	
14,250.0	10,546.4	13,971.1	10,336.0	45.0	40.2	-66.74	3,708.8	976.6	533.3	453.3	80.02	6.665	
14,300.0	10,546.6	14,021.1	10,336.2	45.2	40.5	-66.74	3,758.8	976.4	533.3	452.7	80.58	6.619	
14,345.0	10,546.7	14,066.1	10,336.3	45.5	40.7	-66.74	3,803.8	976.3	533.3	452.3	81.08	6.578	
14,400.0	10,547.0	14,121.1	10,336.5	45.7	41.0	-66.74	3,858.8	976.2	533.3	451.6	81.70	6.528	
14,440.0	10,547.1	14,161.1	10,336.7	45.9	41.2	-66.74	3,898.8	976.1	533.3	451.2	82.15	6.492	
14,500.0	10,547.3	14,221.1	10,336.9	46.2	41.6	-66.73	3,958.8	976.0	533.4	450.5	82.83	6.439	
14,535.0	10,547.5	14,256.1	10,337.0	46.4	41.8	-66.73	3,993.8	975.9	533.4	450.1	83.24	6.408	
14,600.0	10,547.7	14,321.1	10,337.2	46.7	42.1	-66.73	4,058.8	975.8	533.4	449.4	83.98	6.351	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

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

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,630.0	10,547.8	14,351.1	10,337.3	46.9	42.3	-66.73	4,088.8	975.7	533.4	449.1	84.33	6.325	
14,700.0	10,548.1	14,421.1	10,337.6	47.3	42.7	-66.73	4,158.8	975.5	533.4	448.3	85.14	6.265	
14,725.0	10,548.2	14,446.1	10,337.6	47.4	42.9	-66.72	4,183.8	975.5	533.4	448.0	85.44	6.243	
14,800.0	10,548.5	14,521.1	10,337.9	47.8	43.3	-66.72	4,258.8	975.3	533.4	447.1	86.31	6.180	
14,820.0	10,548.6	14,541.1	10,338.0	47.9	43.4	-66.72	4,278.8	975.3	533.4	446.9	86.55	6.163	
14,900.0	10,548.9	14,621.1	10,338.2	48.3	43.9	-66.72	4,358.8	975.1	533.4	445.9	87.50	6.097	
14,915.0	10,548.9	14,636.1	10,338.3	48.4	44.0	-66.72	4,373.8	975.1	533.4	445.8	87.68	6.084	
15,000.0	10,549.3	14,721.1	10,338.6	48.9	44.5	-66.71	4,458.8	974.9	533.4	444.8	88.69	6.015	
15,010.0	10,549.3	14,731.1	10,338.6	48.9	44.5	-66.71	4,468.8	974.8	533.4	444.6	88.81	6.007	
15,100.0	10,549.7	14,821.1	10,338.9	49.4	45.1	-66.71	4,558.8	974.6	533.5	443.6	89.89	5.934	
15,105.0	10,549.7	14,826.1	10,338.9	49.4	45.1	-66.71	4,563.8	974.6	533.5	443.5	89.95	5.930	
15,200.0	10,550.0	14,921.1	10,339.3	50.0	45.7	-66.70	4,658.8	974.4	533.5	442.4	91.11	5.856	
15,295.0	10,550.4	15,016.1	10,339.6	50.5	46.2	-66.70	4,753.8	974.2	533.5	441.2	92.27	5.782	
15,300.0	10,550.4	15,021.1	10,339.6	50.5	46.3	-66.70	4,758.8	974.2	533.5	441.2	92.33	5.778	
15,390.0	10,550.8	15,111.1	10,339.9	51.0	46.8	-66.70	4,848.8	974.0	533.5	440.1	93.44	5.710	
15,400.0	10,550.8	15,121.1	10,339.9	51.1	46.9	-66.70	4,858.8	974.0	533.5	440.0	93.56	5.702	
15,485.0	10,551.1	15,206.1	10,340.2	51.6	47.4	-66.69	4,943.8	973.8	533.5	438.9	94.62	5.639	
15,500.0	10,551.2	15,221.1	10,340.3	51.7	47.5	-66.69	4,958.8	973.7	533.5	438.7	94.80	5.628	
15,580.0	10,551.5	15,301.1	10,340.6	52.1	48.0	-66.69	5,038.8	973.5	533.5	437.7	95.80	5.569	
15,600.0	10,551.6	15,321.1	10,340.6	52.2	48.1	-66.69	5,058.8	973.5	533.5	437.5	96.05	5.555	
15,675.0	10,551.9	15,396.1	10,340.9	52.7	48.6	-66.68	5,133.8	973.3	533.6	436.6	96.99	5.501	
15,700.0	10,552.0	15,421.1	10,341.0	52.8	48.7	-66.68	5,158.8	973.3	533.6	436.3	97.31	5.483	
15,770.0	10,552.2	15,491.1	10,341.2	53.2	49.2	-66.68	5,228.8	973.1	533.6	435.4	98.19	5.434	
15,800.0	10,552.3	15,521.1	10,341.3	53.4	49.4	-66.68	5,258.8	973.0	533.6	435.0	98.57	5.413	
15,865.0	10,552.6	15,586.1	10,341.5	53.8	49.8	-66.68	5,323.8	972.9	533.6	434.2	99.40	5.368	
15,900.0	10,552.7	15,621.1	10,341.7	54.0	50.0	-66.67	5,358.8	972.8	533.6	433.8	99.84	5.344	
15,960.0	10,553.0	15,681.1	10,341.9	54.3	50.4	-66.67	5,418.8	972.7	533.6	433.0	100.61	5.304	
16,000.0	10,553.1	15,721.1	10,342.0	54.6	50.6	-66.67	5,458.8	972.6	533.6	432.5	101.12	5.277	
16,055.0	10,553.3	15,776.1	10,342.2	54.9	51.0	-66.67	5,513.8	972.5	533.6	431.8	101.83	5.240	
16,100.0	10,553.5	15,821.1	10,342.3	55.2	51.3	-66.67	5,558.8	972.4	533.6	431.2	102.41	5.211	
16,150.0	10,553.7	15,871.1	10,342.5	55.5	51.6	-66.66	5,608.8	972.3	533.6	430.6	103.06	5.178	
16,200.0	10,553.9	15,921.1	10,342.7	55.8	51.9	-66.66	5,658.8	972.1	533.6	429.9	103.70	5.146	
16,245.0	10,554.1	15,966.1	10,342.8	56.0	52.2	-66.66	5,703.8	972.0	533.7	429.4	104.29	5.117	
16,300.0	10,554.3	16,021.1	10,343.0	56.4	52.6	-66.66	5,758.8	971.9	533.7	428.7	105.00	5.082	
16,340.0	10,554.4	16,061.1	10,343.2	56.6	52.8	-66.66	5,798.8	971.8	533.7	428.1	105.53	5.057	
16,400.0	10,554.7	16,121.1	10,343.4	57.0	53.2	-66.65	5,858.8	971.7	533.7	427.4	106.31	5.020	
16,435.0	10,554.8	16,156.1	10,343.5	57.2	53.4	-66.65	5,893.8	971.6	533.7	426.9	106.77	4.999	
16,500.0	10,555.0	16,221.1	10,343.7	57.6	53.9	-66.65	5,958.8	971.5	533.7	426.1	107.62	4.959	
16,530.0	10,555.2	16,251.1	10,343.8	57.8	54.1	-66.65	5,988.8	971.4	533.7	425.7	108.02	4.941	
16,600.0	10,555.4	16,321.1	10,344.1	58.2	54.5	-66.65	6,058.8	971.2	533.7	424.8	108.94	4.899	
16,625.0	10,555.5	16,346.1	10,344.1	58.3	54.7	-66.64	6,083.8	971.2	533.7	424.5	109.27	4.884	
16,700.0	10,555.8	16,421.1	10,344.4	58.8	55.2	-66.64	6,158.8	971.0	533.7	423.5	110.26	4.841	
16,720.0	10,555.9	16,441.1	10,344.5	58.9	55.3	-66.64	6,178.8	971.0	533.7	423.2	110.53	4.829	
16,800.0	10,556.2	16,521.1	10,344.7	59.4	55.8	-66.64	6,258.8	970.8	533.7	422.2	111.59	4.783	
16,815.0	10,556.3	16,536.1	10,344.8	59.5	55.9	-66.64	6,273.8	970.7	533.8	422.0	111.79	4.775	
16,900.0	10,556.6	16,621.1	10,345.1	60.0	56.5	-66.63	6,358.8	970.5	533.8	420.8	112.92	4.727	
16,910.0	10,556.6	16,631.1	10,345.1	60.1	56.6	-66.63	6,368.8	970.5	533.8	420.7	113.06	4.721	
17,000.0	10,557.0	16,721.1	10,345.4	60.7	57.2	-66.63	6,458.8	970.3	533.8	419.5	114.26	4.672	
17,005.0	10,557.0	16,726.1	10,345.4	60.7	57.2	-66.63	6,463.8	970.3	533.8	419.5	114.33	4.669	
17,100.0	10,557.4	16,821.1	10,345.8	61.3	57.8	-66.62	6,558.8	970.1	533.8	418.2	115.60	4.617	
17,195.0	10,557.7	16,916.1	10,346.1	61.9	58.5	-66.62	6,653.8	969.9	533.8	416.9	116.88	4.567	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

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

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,200.0	10,557.7	16,921.1	10,346.1	61.9	58.5	-66.62	6,658.8	969.9	533.8	416.9	116.95	4.564	
17,290.0	10,558.1	17,011.1	10,346.4	62.5	59.1	-66.62	6,748.8	969.7	533.8	415.7	118.17	4.518	
17,300.0	10,558.1	17,021.1	10,346.4	62.6	59.2	-66.62	6,758.8	969.6	533.8	415.5	118.30	4.512	
17,385.0	10,558.5	17,106.1	10,346.7	63.1	59.7	-66.61	6,843.8	969.4	533.8	414.4	119.46	4.469	
17,400.0	10,558.5	17,121.1	10,346.8	63.2	59.8	-66.61	6,858.8	969.4	533.9	414.2	119.66	4.461	
17,480.0	10,558.8	17,201.1	10,347.1	63.7	60.4	-66.61	6,938.8	969.2	533.9	413.1	120.75	4.421	
17,500.0	10,558.9	17,221.1	10,347.1	63.9	60.5	-66.61	6,958.8	969.2	533.9	412.8	121.02	4.411	
17,575.0	10,559.2	17,296.1	10,347.4	64.3	61.0	-66.60	7,033.8	969.0	533.9	411.8	122.05	4.374	
17,600.0	10,559.3	17,321.1	10,347.5	64.5	61.2	-66.60	7,058.8	969.0	533.9	411.5	122.39	4.362	
17,670.0	10,559.5	17,391.1	10,347.7	64.9	61.7	-66.60	7,128.7	968.8	533.9	410.6	123.35	4.328	
17,700.0	10,559.7	17,421.1	10,347.8	65.1	61.9	-66.60	7,158.7	968.7	533.9	410.1	123.76	4.314	
17,765.0	10,559.9	17,486.1	10,348.0	65.6	62.3	-66.60	7,223.7	968.6	533.9	409.3	124.65	4.283	
17,800.0	10,560.0	17,521.1	10,348.2	65.8	62.6	-66.59	7,258.7	968.5	533.9	408.8	125.13	4.267	
17,860.0	10,560.3	17,581.1	10,348.4	66.2	63.0	-66.59	7,318.7	968.4	533.9	408.0	125.95	4.239	
17,900.0	10,560.4	17,621.1	10,348.5	66.4	63.2	-66.59	7,358.7	968.3	533.9	407.4	126.50	4.221	
17,955.0	10,560.6	17,676.1	10,348.7	66.8	63.6	-66.59	7,413.7	968.2	533.9	406.7	127.26	4.196	
18,000.0	10,560.8	17,721.1	10,348.8	67.1	63.9	-66.59	7,458.7	968.1	534.0	406.1	127.88	4.175	
18,050.0	10,561.0	17,771.1	10,349.0	67.4	64.3	-66.58	7,508.7	967.9	534.0	405.4	128.58	4.153	
18,100.0	10,561.2	17,821.1	10,349.2	67.7	64.6	-66.58	7,558.7	967.8	534.0	404.7	129.27	4.131	
18,145.0	10,561.4	17,866.1	10,349.3	68.0	64.9	-66.58	7,603.7	967.7	534.0	404.1	129.89	4.111	
18,200.0	10,561.6	17,921.1	10,349.5	68.4	65.3	-66.58	7,658.7	967.6	534.0	403.3	130.65	4.087	
18,240.0	10,561.7	17,961.1	10,349.7	68.7	65.6	-66.58	7,698.7	967.5	534.0	402.8	131.21	4.070	
18,300.0	10,562.0	18,021.1	10,349.9	69.1	66.0	-66.57	7,758.7	967.4	534.0	402.0	132.04	4.044	
18,335.0	10,562.1	18,056.1	10,350.0	69.3	66.2	-66.57	7,793.7	967.3	534.0	401.5	132.53	4.029	
18,400.0	10,562.4	18,121.1	10,350.2	69.7	66.7	-66.57	7,858.7	967.1	534.0	400.6	133.44	4.002	
18,430.0	10,562.5	18,151.1	10,350.3	69.9	66.9	-66.57	7,888.7	967.1	534.0	400.2	133.86	3.990	
18,500.0	10,562.7	18,221.1	10,350.6	70.4	67.4	-66.56	7,958.7	966.9	534.0	399.2	134.83	3.961	
18,525.0	10,562.8	18,246.1	10,350.6	70.6	67.5	-66.56	7,983.7	966.9	534.0	398.9	135.18	3.951	
18,600.0	10,563.1	18,321.1	10,350.9	71.1	68.1	-66.56	8,058.7	966.7	534.1	397.8	136.23	3.920	
18,620.0	10,563.2	18,341.1	10,351.0	71.2	68.2	-66.56	8,078.7	966.6	534.1	397.5	136.51	3.912	
18,700.0	10,563.5	18,421.1	10,351.2	71.7	68.8	-66.56	8,158.7	966.5	534.1	396.4	137.63	3.880	
18,715.0	10,563.6	18,436.1	10,351.3	71.8	68.9	-66.56	8,173.7	966.4	534.1	396.2	137.84	3.874	
18,800.0	10,563.9	18,521.1	10,351.6	72.4	69.5	-66.55	8,258.7	966.2	534.1	395.1	139.04	3.841	
18,810.0	10,563.9	18,531.1	10,351.6	72.5	69.5	-66.55	8,268.7	966.2	534.1	394.9	139.18	3.837	
18,900.0	10,564.3	18,621.1	10,351.9	73.1	70.2	-66.55	8,358.7	966.0	534.1	393.7	140.45	3.803	
18,905.0	10,564.3	18,626.1	10,351.9	73.1	70.2	-66.55	8,363.7	966.0	534.1	393.6	140.52	3.801	
19,000.0	10,564.7	18,721.1	10,352.3	73.7	70.9	-66.54	8,458.7	965.8	534.1	392.3	141.86	3.765	
19,095.0	10,565.0	18,816.1	10,352.6	74.4	71.5	-66.54	8,553.7	965.6	534.1	390.9	143.20	3.730	
19,100.0	10,565.1	18,821.1	10,352.6	74.4	71.6	-66.54	8,558.7	965.6	534.1	390.9	143.27	3.728	
19,190.0	10,565.4	18,911.1	10,352.9	75.0	72.2	-66.54	8,648.7	965.4	534.2	389.6	144.54	3.696	
19,200.0	10,565.4	18,921.1	10,352.9	75.1	72.3	-66.54	8,658.7	965.3	534.2	389.5	144.68	3.692	
19,285.0	10,565.8	19,006.1	10,353.2	75.7	72.9	-66.53	8,743.7	965.1	534.2	388.3	145.89	3.662	
19,300.0	10,565.8	19,021.1	10,353.3	75.8	73.0	-66.53	8,758.7	965.1	534.2	388.1	146.10	3.656	
19,380.0	10,566.1	19,101.1	10,353.6	76.3	73.5	-66.53	8,838.7	964.9	534.2	387.0	147.24	3.628	
19,400.0	10,566.2	19,121.1	10,353.6	76.5	73.7	-66.53	8,858.7	964.9	534.2	386.7	147.52	3.621	
19,475.0	10,566.5	19,196.1	10,353.9	77.0	74.2	-66.52	8,933.7	964.7	534.2	385.6	148.59	3.595	
19,500.0	10,566.6	19,221.1	10,354.0	77.1	74.4	-66.52	8,958.7	964.7	534.2	385.3	148.94	3.587	
19,570.0	10,566.9	19,291.1	10,354.2	77.6	74.9	-66.52	9,028.7	964.5	534.2	384.3	149.94	3.563	
19,600.0	10,567.0	19,321.1	10,354.3	77.8	75.1	-66.52	9,058.7	964.4	534.2	383.9	150.37	3.553	
19,665.0	10,567.2	19,386.1	10,354.5	78.3	75.6	-66.52	9,123.7	964.3	534.2	382.9	151.29	3.531	
19,700.0	10,567.4	19,421.1	10,354.7	78.5	75.8	-66.51	9,158.7	964.2	534.2	382.5	151.79	3.520	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
19,760.0	10,567.6	19,481.1	10,354.9	78.9	76.2	-66.51	9,218.7	964.1	534.3	381.6	152.65	3.500	
19,800.0	10,567.7	19,521.1	10,355.0	79.2	76.5	-66.51	9,258.7	964.0	534.3	381.0	153.22	3.487	
19,855.0	10,568.0	19,576.1	10,355.2	79.6	76.9	-66.51	9,313.7	963.8	534.3	380.3	154.01	3.469	
19,900.0	10,568.1	19,621.1	10,355.3	79.9	77.2	-66.51	9,358.7	963.7	534.3	379.6	154.65	3.455	
19,950.0	10,568.3	19,671.1	10,355.5	80.2	77.6	-66.50	9,408.7	963.6	534.3	378.9	155.37	3.439	
20,000.0	10,568.5	19,721.1	10,355.7	80.6	77.9	-66.50	9,458.7	963.5	534.3	378.2	156.08	3.423	
20,045.0	10,568.7	19,766.1	10,355.8	80.9	78.3	-66.50	9,503.7	963.4	534.3	377.6	156.73	3.409	
20,100.0	10,568.9	19,821.1	10,356.0	81.3	78.6	-66.50	9,558.7	963.3	534.3	376.8	157.52	3.392	
20,140.0	10,569.1	19,861.1	10,356.2	81.5	78.9	-66.50	9,598.7	963.2	534.3	376.2	158.09	3.380	
20,200.0	10,569.3	19,921.1	10,356.4	81.9	79.4	-66.49	9,658.7	963.1	534.3	375.4	158.95	3.362	
20,235.0	10,569.4	19,956.1	10,356.5	82.2	79.6	-66.49	9,693.7	963.0	534.3	374.9	159.45	3.351	
20,300.0	10,569.7	20,021.1	10,356.7	82.6	80.1	-66.49	9,758.7	962.8	534.3	374.0	160.39	3.332	
20,330.0	10,569.8	20,051.1	10,356.8	82.8	80.3	-66.49	9,788.7	962.8	534.4	373.5	160.82	3.323	
20,400.0	10,570.1	20,121.1	10,357.1	83.3	80.8	-66.48	9,858.7	962.6	534.4	372.5	161.83	3.302	
20,425.0	10,570.2	20,146.1	10,357.1	83.5	81.0	-66.48	9,883.7	962.6	534.4	372.2	162.19	3.295	
20,500.0	10,570.4	20,221.1	10,357.4	84.0	81.5	-66.48	9,958.7	962.4	534.4	371.1	163.27	3.273	
20,520.0	10,570.5	20,241.1	10,357.5	84.2	81.7	-66.48	9,978.7	962.3	534.4	370.8	163.56	3.267	
20,600.0	10,570.8	20,321.1	10,357.7	84.7	82.2	-66.48	10,058.7	962.2	534.4	369.7	164.71	3.244	
20,615.0	10,570.9	20,336.1	10,357.8	84.8	82.3	-66.48	10,073.7	962.1	534.4	369.5	164.93	3.240	
20,700.0	10,571.2	20,421.1	10,358.1	85.4	82.9	-66.47	10,158.7	961.9	534.4	368.3	166.16	3.216	
20,710.0	10,571.2	20,431.1	10,358.1	85.5	83.0	-66.47	10,168.7	961.9	534.4	368.1	166.30	3.214	
20,800.0	10,571.6	20,521.1	10,358.4	86.1	83.7	-66.47	10,258.7	961.7	534.4	366.8	167.60	3.189	
20,805.0	10,571.6	20,526.1	10,358.4	86.2	83.7	-66.47	10,263.7	961.7	534.4	366.8	167.67	3.187	
20,900.0	10,572.0	20,621.1	10,358.8	86.8	84.4	-66.46	10,358.7	961.5	534.5	365.4	169.05	3.162	
20,995.0	10,572.3	20,716.1	10,359.1	87.5	85.1	-66.46	10,453.7	961.3	534.5	364.0	170.43	3.136	
21,000.0	10,572.4	20,721.1	10,359.1	87.5	85.1	-66.46	10,458.7	961.3	534.5	364.0	170.50	3.135	
21,090.0	10,572.7	20,811.1	10,359.4	88.1	85.8	-66.46	10,548.7	961.0	534.5	362.7	171.80	3.111	
21,100.0	10,572.8	20,821.1	10,359.4	88.2	85.8	-66.46	10,558.7	961.0	534.5	362.5	171.95	3.108	
21,185.0	10,573.1	20,906.1	10,359.7	88.8	86.4	-66.45	10,643.7	960.8	534.5	361.3	173.18	3.086	
21,200.0	10,573.1	20,921.1	10,359.8	88.9	86.5	-66.45	10,658.7	960.8	534.5	361.1	173.40	3.082	
21,280.0	10,573.4	21,001.1	10,360.1	89.5	87.1	-66.45	10,738.7	960.6	534.5	360.0	174.56	3.062	
21,300.0	10,573.5	21,021.1	10,360.1	89.6	87.3	-66.45	10,758.7	960.6	534.5	359.7	174.85	3.057	
21,375.0	10,573.8	21,096.1	10,360.4	90.2	87.8	-66.44	10,833.7	960.4	534.5	358.6	175.94	3.038	
21,400.0	10,573.9	21,121.1	10,360.5	90.3	88.0	-66.44	10,858.7	960.3	534.5	358.2	176.31	3.032	
21,470.0	10,574.2	21,191.1	10,360.7	90.8	88.5	-66.44	10,928.7	960.2	534.5	357.2	177.33	3.014	
21,500.0	10,574.3	21,221.1	10,360.8	91.0	88.7	-66.44	10,958.7	960.1	534.6	356.8	177.76	3.007	
21,565.0	10,574.5	21,286.1	10,361.0	91.5	89.2	-66.44	11,023.7	960.0	534.6	355.9	178.71	2.991	
21,600.0	10,574.7	21,321.1	10,361.2	91.7	89.4	-66.43	11,058.7	959.9	534.6	355.4	179.22	2.983	
21,660.0	10,574.9	21,381.1	10,361.4	92.2	89.9	-66.43	11,118.7	959.8	534.6	354.5	180.10	2.968	
21,700.0	10,575.1	21,421.1	10,361.5	92.4	90.2	-66.43	11,158.7	959.7	534.6	353.9	180.68	2.959	
21,755.0	10,575.3	21,476.1	10,361.7	92.8	90.6	-66.43	11,213.7	959.5	534.6	353.1	181.48	2.946	
21,800.0	10,575.4	21,521.1	10,361.8	93.2	90.9	-66.43	11,258.7	959.4	534.6	352.5	182.14	2.935	
21,850.0	10,575.6	21,571.1	10,362.0	93.5	91.3	-66.42	11,308.7	959.3	534.6	351.7	182.87	2.923	
21,900.0	10,575.8	21,621.1	10,362.2	93.9	91.6	-66.42	11,358.7	959.2	534.6	351.0	183.60	2.912	
21,945.0	10,576.0	21,666.1	10,362.3	94.2	91.9	-66.42	11,403.7	959.1	534.6	350.4	184.26	2.902	
22,000.0	10,576.2	21,721.1	10,362.5	94.6	92.3	-66.42	11,458.7	959.0	534.6	349.6	185.06	2.889	
22,040.0	10,576.4	21,761.1	10,362.7	94.9	92.6	-66.42	11,498.7	958.9	534.6	349.0	185.65	2.880	
22,100.0	10,576.6	21,821.1	10,362.9	95.3	93.1	-66.41	11,558.7	958.8	534.7	348.1	186.52	2.866	
22,135.0	10,576.7	21,856.1	10,363.0	95.5	93.3	-66.41	11,593.7	958.7	534.7	347.6	187.04	2.859	
22,200.0	10,577.0	21,921.1	10,363.2	96.0	93.8	-66.41	11,658.7	958.5	534.7	346.7	187.99	2.844	
22,230.0	10,577.1	21,951.1	10,363.3	96.2	94.0	-66.41	11,688.7	958.5	534.7	346.3	188.43	2.838	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 15 Central Prod
Reference Design:	PWP0.1	**Offset TVD Reference:**	Offset Datum

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

Offset Site Error: 3.0 usft

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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
22,300.0	10,577.4	22,021.1	10,363.6	96.7	94.5	-66.40	11,758.7	958.3	534.7	345.2	189.45	2.822	
22,325.0	10,577.5	22,046.1	10,363.6	96.9	94.7	-66.40	11,783.7	958.2	534.7	344.9	189.82	2.817	
22,400.0	10,577.8	22,121.1	10,363.9	97.4	95.3	-66.40	11,858.7	958.1	534.7	343.8	190.92	2.801	
22,420.0	10,577.8	22,141.1	10,364.0	97.6	95.4	-66.40	11,878.7	958.0	534.7	343.5	191.21	2.796	
22,500.0	10,578.1	22,221.1	10,364.2	98.1	96.0	-66.40	11,958.7	957.9	534.7	342.3	192.39	2.779	
22,515.0	10,578.2	22,236.1	10,364.3	98.2	96.1	-66.40	11,973.7	957.8	534.7	342.1	192.61	2.776	
22,593.5	10,578.5	22,314.6	10,364.6	98.8	96.7	-66.39	12,052.3	957.6	534.7	341.0	193.76	2.760	
22,600.0	10,578.5	22,321.1	10,364.6	98.9	96.7	-66.39	12,058.7	957.6	534.7	340.9	193.85	2.758	
22,610.0	10,578.6	22,331.1	10,364.6	98.9	96.8	-66.39	12,068.7	957.6	534.7	340.7	194.00	2.756	
22,700.0	10,578.9	22,421.1	10,364.9	99.6	97.5	-66.39	12,158.7	957.4	534.8	339.4	195.32	2.738	
22,705.0	10,578.9	22,426.1	10,364.9	99.6	97.5	-66.39	12,163.7	957.4	534.8	339.4	195.40	2.737	
22,723.5	10,579.0	22,444.6	10,365.0	99.7	97.6	-66.39	12,182.2	957.3	534.8	339.1	195.67	2.733	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	0.5	0.5	3.0	3.0	-90.26	-0.3	-60.0	60.0				
95.0	95.0	95.5	95.5	3.0	3.0	-90.26	-0.3	-60.0	60.0	53.9	6.04	9.935	
100.0	100.0	100.5	100.5	3.0	3.0	-90.26	-0.3	-60.0	60.0	53.9	6.04	9.927	
190.0	190.0	190.5	190.5	3.1	3.1	-90.26	-0.3	-60.0	60.0	53.7	6.25	9.591	
200.0	200.0	200.5	200.5	3.1	3.1	-90.26	-0.3	-60.0	60.0	53.7	6.29	9.539	
285.0	285.0	285.5	285.5	3.3	3.3	-90.26	-0.3	-60.0	60.0	53.5	6.48	9.250	
300.0	300.0	300.5	300.5	3.3	3.3	-90.26	-0.3	-60.0	60.0	53.4	6.52	9.194	
380.0	380.0	380.5	380.5	3.4	3.4	-90.26	-0.3	-60.0	60.0	53.3	6.70	8.947	
400.0	400.0	400.5	400.5	3.4	3.4	-90.26	-0.3	-60.0	60.0	53.2	6.75	8.883	
475.0	475.0	475.5	475.5	3.5	3.5	-90.26	-0.3	-60.0	60.0	53.1	6.91	8.674	
500.0	500.0	500.5	500.5	3.5	3.5	-90.26	-0.3	-60.0	60.0	53.0	6.97	8.603	
570.0	570.0	570.5	570.5	3.6	3.6	-90.26	-0.3	-60.0	60.0	52.9	7.12	8.424	
600.0	600.0	600.5	600.5	3.6	3.6	-90.26	-0.3	-60.0	60.0	52.8	7.18	8.347	
665.0	665.0	665.5	665.5	3.7	3.7	-90.26	-0.3	-60.0	60.0	52.7	7.32	8.194	
700.0	700.0	700.5	700.5	3.8	3.8	-90.26	-0.3	-60.0	60.0	52.6	7.39	8.112	
760.0	760.0	760.5	760.5	3.8	3.8	-90.26	-0.3	-60.0	60.0	52.5	7.51	7.983	
800.0	800.0	800.5	800.5	3.9	3.9	-90.26	-0.3	-60.0	60.0	52.4	7.59	7.897	
855.0	855.0	855.5	855.5	4.0	4.0	-90.26	-0.3	-60.0	60.0	52.3	7.70	7.787	
900.0	900.0	900.5	900.5	4.0	4.0	-90.26	-0.3	-60.0	60.0	52.2	7.79	7.698	
950.0	950.0	950.5	950.5	4.1	4.1	-90.26	-0.3	-60.0	60.0	52.1	7.89	7.605	
1,000.0	1,000.0	1,000.5	1,000.5	4.1	4.1	-90.26	-0.3	-60.0	60.0	52.0	7.98	7.513	
1,045.0	1,045.0	1,045.5	1,045.5	4.2	4.2	-90.26	-0.3	-60.0	60.0	51.9	8.07	7.435	
1,100.0	1,100.0	1,100.5	1,100.5	4.2	4.2	-90.26	-0.3	-60.0	60.0	51.8	8.17	7.340	
1,140.0	1,140.0	1,140.5	1,140.5	4.3	4.3	-90.26	-0.3	-60.0	60.0	51.7	8.24	7.276	
1,200.0	1,200.0	1,200.5	1,200.5	4.4	4.4	-90.26	-0.3	-60.0	60.0	51.6	8.35	7.179	
1,235.0	1,235.0	1,235.5	1,235.5	4.4	4.4	-90.26	-0.3	-60.0	60.0	51.6	8.42	7.126	
1,300.0	1,300.0	1,300.5	1,300.5	4.5	4.5	-90.26	-0.3	-60.0	60.0	51.4	8.53	7.029	
1,330.0	1,330.0	1,330.5	1,330.5	4.5	4.5	-90.26	-0.3	-60.0	60.0	51.4	8.58	6.986	
1,400.0	1,400.0	1,400.5	1,400.5	4.6	4.6	-90.26	-0.3	-60.0	60.0	51.3	8.71	6.887	
1,425.0	1,425.0	1,425.5	1,425.5	4.6	4.6	-90.26	-0.3	-60.0	60.0	51.2	8.75	6.853	
1,500.0	1,500.0	1,500.5	1,500.5	4.7	4.7	-90.26	-0.3	-60.0	60.0	51.1	8.88	6.753	
1,520.0	1,520.0	1,520.9	1,520.9	4.7	4.7	176.70	-0.3	-59.9	60.0	51.0	8.96	6.695	
1,600.0	1,600.0	1,602.6	1,602.6	4.8	4.8	176.53	-0.5	-58.2	59.9	50.7	9.27	6.468	
1,615.0	1,615.0	1,617.9	1,617.9	4.8	4.8	176.48	-0.6	-57.6	59.9	50.6	9.35	6.410	
1,700.0	1,699.8	1,704.7	1,704.6	5.0	5.0	176.04	-1.3	-52.7	59.9	50.0	9.82	6.098	
1,710.0	1,709.8	1,714.9	1,714.7	5.0	5.0	175.97	-1.5	-52.0	59.9	50.0	9.87	6.062	
1,800.0	1,799.5	1,806.8	1,806.2	5.2	5.2	175.20	-2.7	-43.7	59.8	49.4	10.38	5.759	
1,805.0	1,804.4	1,811.9	1,811.3	5.2	5.2	175.15	-2.8	-43.2	59.8	49.4	10.40	5.747	
1,845.1	1,844.3	1,852.8	1,851.9	5.4	5.3	174.72	-3.5	-38.5	59.7	49.1	10.57	5.650	CC, ES
1,900.0	1,898.7	1,907.7	1,906.4	5.5	5.4	174.16	-4.4	-31.9	60.2	49.4	10.83	5.562	
1,995.0	1,992.5	2,002.6	2,000.6	5.8	5.6	173.48	-6.1	-20.4	63.6	52.2	11.38	5.591	
2,000.0	1,997.5	2,007.6	2,005.6	5.9	5.6	173.45	-6.2	-19.8	63.9	52.5	11.41	5.599	
2,090.0	2,085.8	2,097.4	2,094.7	6.2	5.9	173.17	-7.8	-9.0	70.1	58.2	11.97	5.861	
2,100.0	2,095.6	2,107.4	2,104.6	6.2	5.9	173.16	-8.0	-7.8	71.0	59.0	12.03	5.902	
2,185.0	2,178.5	2,191.9	2,188.5	6.5	6.1	173.19	-9.5	2.4	79.8	67.2	12.59	6.337	
2,200.0	2,193.1	2,206.8	2,203.3	6.6	6.2	173.21	-9.8	4.2	81.6	68.9	12.69	6.429	
2,280.0	2,270.7	2,286.2	2,282.1	6.8	6.4	173.37	-11.2	13.7	91.4	78.2	13.18	6.935	
2,300.0	2,290.1	2,306.0	2,301.8	6.9	6.5	173.40	-11.6	16.1	93.9	80.5	13.30	7.054	
2,375.0	2,362.9	2,380.5	2,375.7	7.1	6.7	173.51	-12.9	25.1	103.1	89.3	13.79	7.474	
2,400.0	2,387.1	2,405.3	2,400.3	7.2	6.8	173.54	-13.4	28.1	106.1	92.2	13.95	7.607	
2,470.0	2,455.0	2,474.8	2,469.2	7.5	7.0	173.63	-14.6	36.5	114.7	100.3	14.43	7.954	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	2,484.1	2,504.5	2,498.8	7.6	7.1	173.66	-15.1	40.1	118.4	103.8	14.63	8.095	
2,565.0	2,547.2	2,569.0	2,562.8	7.8	7.3	173.72	-16.3	47.8	126.4	111.3	15.09	8.380	
2,600.0	2,581.2	2,603.8	2,597.3	7.9	7.4	173.75	-16.9	52.0	130.7	115.4	15.33	8.525	
2,660.0	2,639.4	2,663.3	2,656.4	8.2	7.6	173.80	-18.0	59.2	138.1	122.3	15.77	8.759	
2,700.0	2,678.2	2,703.0	2,695.8	8.3	7.8	173.83	-18.7	64.0	143.0	127.0	16.06	8.907	
2,755.0	2,731.6	2,757.6	2,750.0	8.5	8.0	173.86	-19.7	70.6	149.8	133.3	16.46	9.097	
2,800.0	2,775.2	2,802.3	2,794.3	8.7	8.1	173.89	-20.5	76.0	155.3	138.5	16.80	9.245	
2,850.0	2,823.7	2,851.9	2,843.5	8.9	8.3	173.92	-21.4	81.9	161.5	144.3	17.18	9.399	
2,900.0	2,872.3	2,901.5	2,892.8	9.1	8.5	173.94	-22.2	87.9	167.6	150.0	17.56	9.546	
2,945.0	2,915.9	2,946.2	2,937.1	9.3	8.6	173.97	-23.0	93.3	173.1	155.2	17.90	9.670	
3,000.0	2,969.3	3,000.7	2,991.3	9.5	8.8	173.99	-24.0	99.9	179.9	161.6	18.33	9.814	
3,040.0	3,008.1	3,040.4	3,030.7	9.7	9.0	174.01	-24.7	104.7	184.8	166.2	18.64	9.913	
3,100.0	3,066.3	3,100.0	3,089.8	9.9	9.2	174.03	-25.8	111.9	192.2	173.1	19.12	10.054	
3,135.0	3,100.3	3,134.7	3,124.3	10.1	9.3	174.05	-26.4	116.0	196.5	177.1	19.39	10.131	
3,200.0	3,163.3	3,199.2	3,188.3	10.3	9.6	174.07	-27.6	123.8	204.5	184.6	19.91	10.269	
3,230.0	3,192.5	3,229.0	3,217.8	10.5	9.7	174.08	-28.1	127.4	208.2	188.0	20.15	10.329	
3,300.0	3,260.4	3,298.5	3,286.8	10.8	9.9	174.10	-29.4	135.8	216.8	196.1	20.72	10.463	
3,325.0	3,284.6	3,323.3	3,311.4	10.9	10.0	174.11	-29.8	138.8	219.8	198.9	20.92	10.508	
3,400.0	3,357.4	3,397.7	3,385.3	11.2	10.3	174.13	-31.1	147.7	229.1	207.5	21.53	10.638	
3,420.0	3,376.8	3,417.6	3,405.0	11.3	10.4	174.14	-31.5	150.1	231.5	209.8	21.70	10.671	
3,500.0	3,454.4	3,496.9	3,483.8	11.6	10.7	174.16	-32.9	159.7	241.4	219.0	22.35	10.797	
3,515.0	3,469.0	3,511.8	3,498.6	11.7	10.7	174.16	-33.2	161.5	243.2	220.7	22.48	10.819	
3,600.0	3,551.5	3,596.2	3,582.3	12.1	11.1	174.18	-34.7	171.7	253.6	230.5	23.18	10.941	
3,610.0	3,561.2	3,606.1	3,592.1	12.1	11.1	174.18	-34.9	172.9	254.9	231.6	23.27	10.955	
3,700.0	3,648.5	3,695.4	3,680.8	12.5	11.4	174.20	-36.5	183.6	265.9	241.9	24.02	11.072	
3,705.0	3,653.3	3,700.4	3,685.7	12.5	11.5	174.20	-36.5	184.2	266.6	242.5	24.06	11.079	
3,800.0	3,745.5	3,794.7	3,779.3	13.0	11.8	174.22	-38.2	195.6	278.2	253.4	24.86	11.192	
3,895.0	3,837.7	3,888.9	3,872.9	13.4	12.2	174.24	-39.9	207.0	289.9	264.2	25.66	11.297	
3,900.0	3,842.6	3,893.9	3,877.8	13.4	12.2	174.24	-40.0	207.6	290.5	264.8	25.70	11.302	
3,990.0	3,929.9	3,983.2	3,966.5	13.8	12.6	174.25	-41.6	218.3	301.6	275.1	26.47	11.394	
4,000.0	3,939.6	3,993.2	3,976.3	13.9	12.6	174.25	-41.8	219.5	302.8	276.3	26.55	11.404	
4,085.0	4,022.1	4,077.5	4,060.0	14.3	12.9	174.27	-43.3	229.7	313.3	286.0	27.28	11.483	
4,100.0	4,036.6	4,092.4	4,074.8	14.3	13.0	174.27	-43.6	231.5	315.1	287.7	27.41	11.497	
4,180.0	4,114.2	4,171.8	4,153.6	14.7	13.3	174.28	-45.0	241.1	324.9	296.9	28.10	11.566	
4,200.0	4,133.6	4,191.6	4,173.3	14.8	13.4	174.28	-45.3	243.5	327.4	299.1	28.27	11.583	
4,275.0	4,206.4	4,266.1	4,247.2	15.1	13.7	174.29	-46.7	252.4	336.6	307.7	28.91	11.643	
4,300.0	4,230.7	4,290.9	4,271.8	15.2	13.8	174.29	-47.1	255.4	339.7	310.6	29.13	11.662	
4,370.0	4,298.6	4,360.3	4,340.8	15.6	14.1	174.30	-48.4	263.8	348.3	318.6	29.73	11.714	
4,400.0	4,327.7	4,390.1	4,370.3	15.7	14.2	174.31	-48.9	267.4	352.0	322.0	29.99	11.736	
4,465.0	4,390.8	4,454.6	4,434.3	16.0	14.4	174.31	-50.1	275.2	360.0	329.4	30.56	11.781	
4,500.0	4,424.7	4,489.4	4,468.8	16.2	14.6	174.32	-50.7	279.4	364.3	333.4	30.86	11.804	
4,560.0	4,482.9	4,548.9	4,527.9	16.5	14.8	174.32	-51.7	286.5	371.7	340.3	31.38	11.843	
4,600.0	4,521.8	4,588.6	4,567.3	16.6	15.0	174.33	-52.5	291.3	376.6	344.8	31.73	11.868	
4,655.0	4,575.1	4,643.2	4,621.5	16.9	15.2	174.33	-53.4	297.9	383.3	351.1	32.21	11.901	
4,700.0	4,618.8	4,687.8	4,665.8	17.1	15.4	174.34	-54.2	303.3	388.9	356.3	32.60	11.928	
4,750.0	4,667.3	4,737.5	4,715.1	17.3	15.6	174.34	-55.1	309.3	395.0	362.0	33.04	11.956	
4,800.0	4,715.8	4,787.1	4,764.3	17.6	15.8	174.35	-56.0	315.3	401.2	367.7	33.48	11.983	
4,845.0	4,759.5	4,831.7	4,808.6	17.8	15.9	174.35	-56.8	320.6	406.7	372.8	33.87	12.007	
4,900.0	4,812.8	4,886.3	4,862.8	18.0	16.2	174.36	-57.8	327.2	413.5	379.1	34.35	12.035	
4,940.0	4,851.7	4,926.0	4,902.2	18.2	16.3	174.36	-58.5	332.0	418.4	383.7	34.70	12.055	
5,000.0	4,909.9	4,985.6	4,961.3	18.5	16.6	174.36	-59.6	339.2	425.7	390.5	35.23	12.084	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	4,943.8	5,020.3	4,995.8	18.7	16.7	174.37	-60.2	343.4	430.1	394.5	35.54	12.101	
5,100.0	5,006.9	5,084.8	5,059.8	19.0	17.0	174.37	-61.3	351.1	438.0	401.9	36.11	12.130	
5,130.0	5,036.0	5,114.6	5,089.4	19.1	17.1	174.37	-61.9	354.7	441.7	405.4	36.38	12.143	
5,200.0	5,103.9	5,184.1	5,158.3	19.5	17.4	174.38	-63.1	363.1	450.3	413.3	36.99	12.173	
5,225.0	5,128.2	5,208.9	5,182.9	19.6	17.5	174.38	-63.6	366.1	453.4	416.2	37.21	12.184	
5,300.0	5,201.0	5,283.3	5,256.8	19.9	17.8	174.39	-64.9	375.1	462.6	424.7	37.88	12.214	
5,320.0	5,220.4	5,303.1	5,276.5	20.0	17.9	174.39	-65.3	377.5	465.1	427.0	38.05	12.222	
5,400.0	5,298.0	5,382.5	5,355.3	20.4	18.2	174.39	-66.7	387.0	474.9	436.2	38.76	12.252	
5,415.0	5,312.5	5,397.4	5,370.1	20.5	18.2	174.39	-66.9	388.8	476.8	437.9	38.89	12.258	
5,500.0	5,395.0	5,481.8	5,453.8	20.9	18.6	174.40	-68.5	399.0	487.2	447.6	39.65	12.288	
5,510.0	5,404.7	5,491.7	5,463.7	20.9	18.6	174.40	-68.6	400.2	488.4	448.7	39.74	12.292	
5,600.0	5,492.1	5,581.0	5,552.3	21.4	19.0	174.40	-70.2	411.0	499.5	459.0	40.54	12.323	
5,605.0	5,496.9	5,586.0	5,557.3	21.4	19.0	174.40	-70.3	411.6	500.1	459.5	40.58	12.324	
5,700.0	5,589.1	5,680.3	5,650.8	21.8	19.4	174.41	-72.0	422.9	511.8	470.4	41.42	12.355	
5,795.0	5,681.3	5,774.5	5,744.4	22.3	19.8	174.41	-73.7	434.3	523.5	481.2	42.27	12.384	
5,800.0	5,686.1	5,779.5	5,749.3	22.3	19.8	174.41	-73.8	434.9	524.1	481.8	42.31	12.386	
5,890.0	5,773.4	5,868.8	5,838.0	22.7	20.2	174.42	-75.4	445.7	535.2	492.0	43.11	12.412	
5,900.0	5,783.1	5,878.7	5,847.8	22.8	20.2	174.42	-75.6	446.9	536.4	493.2	43.20	12.415	
5,985.0	5,865.6	5,960.2	5,928.7	23.2	20.5	174.43	-77.0	456.6	546.9	503.0	43.92	12.451	
6,000.0	5,880.2	5,973.8	5,942.2	23.3	20.6	174.43	-77.2	458.1	548.9	504.8	44.05	12.461	
6,080.0	5,957.8	6,046.1	6,014.1	23.7	20.9	174.45	-78.4	465.9	559.8	515.1	44.69	12.527	
6,100.0	5,977.2	6,064.2	6,032.1	23.8	20.9	174.46	-78.7	467.7	562.7	517.8	44.85	12.547	
6,175.0	6,050.0	6,131.7	6,099.3	24.1	21.2	174.50	-79.6	473.8	574.1	528.6	45.44	12.634	
6,200.0	6,074.2	6,154.2	6,121.7	24.2	21.3	174.52	-79.9	475.7	578.0	532.4	45.63	12.668	
6,270.0	6,142.1	6,216.9	6,184.3	24.6	21.5	174.57	-80.6	480.5	589.7	543.5	46.16	12.774	
6,300.0	6,171.3	6,243.8	6,211.0	24.7	21.6	174.60	-80.8	482.4	594.9	548.5	46.39	12.825	
6,365.0	6,234.3	6,300.0	6,267.2	25.0	21.8	174.66	-81.4	485.8	606.7	559.8	46.85	12.950	
6,400.0	6,268.3	6,332.8	6,299.9	25.2	21.9	174.70	-81.6	487.6	613.3	566.2	47.12	13.016	
6,460.0	6,326.5	6,386.0	6,353.1	25.5	22.1	174.76	-82.0	490.1	625.0	577.5	47.54	13.147	
6,500.0	6,365.3	6,421.4	6,388.4	25.7	22.2	174.81	-82.2	491.4	633.2	585.4	47.82	13.241	
6,555.0	6,418.7	6,469.8	6,436.8	25.9	22.4	174.88	-82.4	493.0	644.7	596.6	48.19	13.380	
6,600.0	6,462.3	6,509.3	6,476.3	26.2	22.5	174.94	-82.6	493.9	654.5	606.1	48.48	13.501	
6,650.0	6,510.9	6,553.1	6,520.0	26.4	22.6	175.02	-82.7	494.7	665.8	617.0	48.79	13.647	
6,700.0	6,559.4	6,600.0	6,567.0	26.6	22.7	175.09	-82.7	495.1	677.4	628.3	49.13	13.788	
6,745.0	6,603.0	6,636.6	6,603.5	26.9	22.7	175.16	-82.7	495.2	688.1	638.8	49.31	13.956	
6,800.0	6,656.4	6,689.9	6,656.9	27.1	22.7	175.25	-82.7	495.2	701.4	651.8	49.59	14.145	
6,840.0	6,695.2	6,728.7	6,695.7	27.3	22.8	175.31	-82.7	495.2	711.0	661.2	49.80	14.279	
6,900.0	6,753.4	6,787.0	6,753.9	27.6	22.8	175.41	-82.7	495.2	725.5	675.4	50.11	14.479	
6,935.0	6,787.4	6,820.9	6,787.9	27.8	22.8	175.46	-82.7	495.2	734.0	683.7	50.29	14.594	
7,000.0	6,850.5	6,884.0	6,851.0	28.1	22.8	175.56	-82.7	495.2	749.6	699.0	50.63	14.806	
7,030.0	6,879.6	6,913.1	6,880.1	28.2	22.8	175.60	-82.7	495.2	756.9	706.1	50.79	14.902	
7,100.0	6,947.5	6,981.0	6,948.0	28.6	22.8	175.70	-82.7	495.2	773.8	722.6	51.16	15.126	
7,125.0	6,971.7	7,005.3	6,972.2	28.7	22.8	175.73	-82.7	495.2	779.8	728.5	51.29	15.205	
7,200.0	7,044.5	7,078.0	7,045.0	29.1	22.9	175.83	-82.7	495.2	797.9	746.2	51.68	15.440	
7,220.0	7,063.9	7,097.4	7,064.4	29.2	22.9	175.85	-82.7	495.2	802.7	750.9	51.78	15.502	
7,300.0	7,141.5	7,175.1	7,142.0	29.5	22.9	175.95	-82.7	495.2	822.0	769.8	52.20	15.748	
7,315.0	7,156.1	7,189.6	7,156.6	29.6	22.9	175.97	-82.7	495.2	825.7	773.4	52.28	15.793	
7,400.0	7,238.6	7,272.1	7,239.1	30.0	22.9	176.06	-82.7	495.2	846.2	793.4	52.72	16.049	
7,410.0	7,248.3	7,281.8	7,248.8	30.1	22.9	176.08	-82.7	495.2	848.6	795.8	52.78	16.079	
7,500.0	7,335.6	7,369.1	7,336.1	30.5	23.0	176.17	-82.7	495.2	870.3	817.1	53.25	16.345	
7,505.0	7,340.5	7,374.0	7,341.0	30.5	23.0	176.18	-82.7	495.2	871.5	818.2	53.27	16.360	

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

ConocoPhillips

Anticollision Report

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Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
7,600.0	7,432.6	7,466.2	7,433.1	31.0	23.0	176.28	-82.7	495.2	894.5	840.7	53.77	16.635	
7,602.3	7,434.9	7,468.4	7,435.4	31.0	23.0	176.28	-82.7	495.2	895.0	841.2	53.78	16.642	
7,695.0	7,525.2	7,558.7	7,525.7	31.5	23.0	176.39	-82.7	495.2	915.9	861.7	54.27	16.877	
7,700.0	7,530.1	7,563.6	7,530.6	31.5	23.0	176.40	-82.7	495.2	917.0	862.7	54.30	16.888	
7,790.0	7,618.3	7,651.9	7,618.8	31.9	23.0	176.49	-82.7	495.2	934.4	879.6	54.76	17.063	
7,800.0	7,628.2	7,661.7	7,628.7	32.0	23.0	176.49	-82.7	495.2	936.1	881.3	54.81	17.079	
7,885.0	7,712.1	7,745.6	7,712.6	32.4	23.1	176.56	-82.7	495.2	949.7	894.4	55.23	17.195	
7,900.0	7,726.9	7,760.5	7,727.4	32.4	23.1	176.57	-82.7	495.2	951.8	896.5	55.30	17.211	
7,980.0	7,806.3	7,839.8	7,806.8	32.8	23.1	176.62	-82.7	495.2	961.9	906.2	55.68	17.276	
8,000.0	7,826.2	7,859.7	7,826.7	32.9	23.1	176.63	-82.7	495.2	964.1	908.3	55.77	17.286	
8,075.0	7,900.9	7,934.4	7,901.4	33.2	23.1	176.66	-82.7	495.2	971.0	914.9	56.10	17.309	
8,100.0	7,925.8	7,959.3	7,926.3	33.3	23.1	176.67	-82.7	495.2	972.8	916.6	56.21	17.308	
8,170.0	7,995.7	8,029.2	7,996.2	33.5	23.2	176.69	-82.7	495.2	976.9	920.4	56.48	17.297	
8,200.0	8,025.6	8,059.2	8,026.1	33.6	23.2	176.69	-82.7	495.2	978.1	921.5	56.60	17.283	
8,265.0	8,090.6	8,124.1	8,091.1	33.7	23.2	176.70	-82.7	495.2	979.7	923.0	56.73	17.271	
8,302.4	8,128.0	8,161.5	8,128.5	33.8	23.2	-90.26	-82.7	495.2	980.0	923.2	56.80	17.252	
8,360.0	8,185.6	8,219.1	8,186.1	33.8	23.2	-90.26	-82.7	495.2	980.0	923.1	56.83	17.242	
8,400.0	8,225.6	8,259.1	8,226.1	33.8	23.2	-90.26	-82.7	495.2	980.0	923.1	56.86	17.236	
8,455.0	8,280.6	8,314.1	8,281.1	33.8	23.3	-90.26	-82.7	495.2	980.0	923.1	56.89	17.227	
8,500.0	8,325.6	8,359.1	8,326.1	33.8	23.3	-90.26	-82.7	495.2	980.0	923.1	56.91	17.219	
8,550.0	8,375.6	8,409.1	8,376.1	33.8	23.3	-90.26	-82.7	495.2	980.0	923.0	56.94	17.211	
8,600.0	8,425.6	8,459.1	8,426.1	33.9	23.3	-90.26	-82.7	495.2	980.0	923.0	56.97	17.202	
8,645.0	8,470.6	8,504.1	8,471.1	33.9	23.3	-90.26	-82.7	495.2	980.0	923.0	56.99	17.194	
8,700.0	8,525.6	8,559.1	8,526.1	33.9	23.3	-90.26	-82.7	495.2	980.0	922.9	57.02	17.185	
8,740.0	8,565.6	8,599.1	8,566.1	33.9	23.4	-90.26	-82.7	495.2	980.0	922.9	57.05	17.178	
8,800.0	8,625.6	8,659.1	8,626.1	33.9	23.4	-90.26	-82.7	495.2	980.0	922.9	57.08	17.168	
8,835.0	8,660.6	8,694.1	8,661.1	33.9	23.4	-90.26	-82.7	495.2	980.0	922.9	57.10	17.162	
8,900.0	8,725.6	8,759.1	8,726.1	33.9	23.4	-90.26	-82.7	495.2	980.0	922.8	57.14	17.151	
8,930.0	8,755.6	8,789.1	8,756.1	33.9	23.4	-90.26	-82.7	495.2	980.0	922.8	57.16	17.145	
9,000.0	8,825.6	8,859.1	8,826.1	33.9	23.5	-90.26	-82.7	495.2	980.0	922.8	57.20	17.133	
9,025.0	8,850.6	8,884.1	8,851.1	33.9	23.5	-90.26	-82.7	495.2	980.0	922.8	57.21	17.129	
9,100.0	8,925.6	8,959.1	8,926.1	34.0	23.5	-90.26	-82.7	495.2	980.0	922.7	57.25	17.116	
9,120.0	8,945.6	8,979.1	8,946.1	34.0	23.5	-90.26	-82.7	495.2	980.0	922.7	57.27	17.112	
9,200.0	9,025.6	9,059.1	9,026.1	34.0	23.5	-90.26	-82.7	495.2	980.0	922.7	57.31	17.099	
9,215.0	9,040.6	9,074.1	9,041.1	34.0	23.5	-90.26	-82.7	495.2	980.0	922.6	57.32	17.096	
9,300.0	9,125.6	9,159.1	9,126.1	34.0	23.6	-90.26	-82.7	495.2	980.0	922.6	57.37	17.081	
9,310.0	9,135.6	9,169.1	9,136.1	34.0	23.6	-90.26	-82.7	495.2	980.0	922.6	57.38	17.079	
9,400.0	9,225.6	9,259.1	9,226.1	34.0	23.6	-90.26	-82.7	495.2	980.0	922.5	57.43	17.063	
9,405.0	9,230.6	9,264.1	9,231.1	34.0	23.6	-90.26	-82.7	495.2	980.0	922.5	57.43	17.062	
9,500.0	9,325.6	9,359.1	9,326.1	34.1	23.6	-90.26	-82.7	495.2	980.0	922.5	57.49	17.046	
9,595.0	9,420.6	9,454.1	9,421.1	34.1	23.7	-90.26	-82.7	495.2	980.0	922.4	57.55	17.029	
9,600.0	9,425.6	9,459.1	9,426.1	34.1	23.7	-90.26	-82.7	495.2	980.0	922.4	57.55	17.028	
9,690.0	9,515.6	9,549.1	9,516.1	34.1	23.7	-90.26	-82.7	495.2	980.0	922.4	57.61	17.012	
9,700.0	9,525.6	9,559.1	9,526.1	34.1	23.7	-90.26	-82.7	495.2	980.0	922.4	57.61	17.010	
9,785.0	9,610.6	9,644.1	9,611.1	34.1	23.7	-90.26	-82.7	495.2	980.0	922.3	57.66	16.995	
9,800.0	9,625.6	9,659.1	9,626.1	34.1	23.7	-90.26	-82.7	495.2	980.0	922.3	57.67	16.992	
9,880.0	9,705.6	9,739.1	9,706.1	34.1	23.8	-90.26	-82.7	495.2	980.0	922.2	57.72	16.977	
9,900.0	9,725.6	9,759.1	9,726.1	34.1	23.8	-90.26	-82.7	495.2	980.0	922.2	57.73	16.974	
9,975.0	9,800.6	9,834.1	9,801.1	34.2	23.8	-90.26	-82.7	495.2	980.0	922.2	57.78	16.960	
10,000.0	9,825.6	9,859.1	9,826.1	34.2	23.8	-90.26	-82.7	495.2	980.0	922.2	57.80	16.956	
10,070.0	9,895.6	9,929.1	9,896.1	34.2	23.8	-90.26	-82.7	495.2	980.0	922.1	57.84	16.944	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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
10,100.0	9,925.6	9,959.1	9,926.1	34.2	23.9	-90.26	-82.7	495.2	980.0	922.1	57.85	16.939	
10,135.4	9,961.0	9,994.6	9,961.6	34.2	23.9	-90.24	-82.4	495.2	980.0	922.1	57.86	16.936	
10,150.0	9,975.6	10,009.2	9,976.2	34.2	23.9	-90.08	-81.7	495.2	980.0	922.1	57.87	16.935	
10,165.0	9,990.6	10,024.3	9,991.2	34.2	23.8	-90.04	-80.5	495.2	980.0	922.1	57.87	16.933	
10,186.0	10,011.5	10,045.2	10,012.0	34.2	23.8	-90.00	-78.3	495.2	980.0	922.1	57.88	16.931	
10,200.0	10,025.5	10,059.2	10,025.9	34.2	23.8	-89.97	-76.4	495.2	980.0	922.1	57.89	16.929	
10,250.0	10,074.9	10,109.1	10,074.8	34.2	23.8	-89.87	-66.9	495.1	980.0	922.1	57.90	16.926	
10,260.0	10,084.6	10,119.0	10,084.5	34.2	23.8	-89.85	-64.5	495.1	980.0	922.1	57.90	16.925	
10,300.0	10,123.4	10,158.8	10,122.6	34.2	23.8	-89.76	-53.2	495.1	980.0	922.1	57.91	16.924	
10,350.0	10,170.6	10,208.3	10,168.8	34.2	23.8	-89.66	-35.5	495.1	980.0	922.1	57.91	16.923	
10,355.0	10,175.3	10,213.3	10,173.4	34.2	23.8	-89.65	-33.5	495.1	980.0	922.1	57.91	16.922	
10,400.0	10,216.3	10,257.7	10,213.3	34.2	23.8	-89.56	-13.9	495.0	980.0	922.1	57.91	16.922	
10,450.0	10,260.1	10,307.0	10,255.5	34.2	23.8	-89.47	11.3	495.0	980.0	922.1	57.91	16.923	
10,500.0	10,301.5	10,356.1	10,295.4	34.2	23.8	-89.38	40.0	494.9	980.0	922.1	57.91	16.924	
10,545.0	10,336.6	10,400.0	10,328.8	34.2	23.8	-89.30	68.4	494.8	980.0	922.1	57.91	16.925	
10,550.0	10,340.4	10,405.1	10,332.6	34.2	23.8	-89.29	71.9	494.8	980.0	922.1	57.91	16.924	
10,600.0	10,376.4	10,454.0	10,366.8	34.3	23.8	-89.21	106.8	494.7	980.1	922.2	57.91	16.924	
10,640.0	10,402.9	10,493.0	10,391.9	34.3	23.8	-89.15	136.6	494.7	980.1	922.2	57.91	16.924	
10,650.0	10,409.2	10,502.8	10,397.8	34.3	23.8	-89.13	144.4	494.7	980.1	922.2	57.91	16.923	
10,700.0	10,438.6	10,551.4	10,425.5	34.3	23.8	-89.06	184.4	494.6	980.1	922.2	57.92	16.921	
10,735.0	10,457.0	10,585.5	10,442.8	34.3	23.8	-89.02	213.7	494.5	980.1	922.2	57.94	16.917	
10,750.0	10,464.4	10,600.0	10,449.7	34.3	23.8	-89.00	226.5	494.5	980.1	922.2	57.94	16.916	
10,800.0	10,486.3	10,648.5	10,470.2	34.3	23.8	-88.95	270.5	494.4	980.1	922.2	57.97	16.908	
10,830.0	10,497.6	10,677.6	10,480.6	34.3	23.9	-88.92	297.6	494.3	980.1	922.2	57.99	16.902	
10,850.0	10,504.3	10,697.0	10,486.8	34.4	23.9	-88.90	315.9	494.3	980.1	922.1	58.00	16.898	
10,900.0	10,518.1	10,745.3	10,499.6	34.4	23.9	-88.86	362.6	494.2	980.2	922.1	58.05	16.884	
10,925.0	10,523.4	10,769.5	10,504.5	34.4	23.9	-88.85	386.2	494.1	980.2	922.1	58.08	16.876	
10,950.0	10,527.6	10,793.7	10,508.4	34.4	24.0	-88.83	410.1	494.1	980.2	922.1	58.11	16.867	
11,000.0	10,532.9	10,842.0	10,513.1	34.5	24.0	-88.81	458.1	493.9	980.2	922.0	58.18	16.847	
11,020.0	10,533.8	10,861.3	10,513.9	34.5	24.0	-88.81	477.4	493.9	980.2	922.0	58.21	16.838	
11,033.2	10,534.0	10,874.1	10,514.0	34.5	24.0	-88.80	490.3	493.9	980.2	921.9	58.23	16.832	
11,100.0	10,534.3	10,940.9	10,514.2	34.6	24.1	-88.80	557.1	493.7	980.2	921.8	58.36	16.796	
11,115.0	10,534.3	10,955.9	10,514.3	34.6	24.1	-88.80	572.1	493.7	980.2	921.8	58.39	16.787	
11,200.0	10,534.6	11,040.9	10,514.6	34.7	24.2	-88.80	657.0	493.5	980.2	921.6	58.58	16.733	
11,210.0	10,534.7	11,050.9	10,514.6	34.7	24.2	-88.80	667.0	493.5	980.2	921.6	58.60	16.725	
11,300.0	10,535.0	11,140.9	10,514.9	34.8	24.4	-88.80	757.0	493.3	980.2	921.3	58.84	16.659	
11,305.0	10,535.0	11,145.9	10,515.0	34.8	24.4	-88.80	762.0	493.3	980.2	921.3	58.85	16.655	
11,400.0	10,535.4	11,240.9	10,515.3	35.0	24.5	-88.79	857.0	493.0	980.2	921.0	59.14	16.574	
11,495.0	10,535.8	11,335.9	10,515.6	35.2	24.7	-88.79	952.0	492.8	980.2	920.7	59.46	16.485	
11,500.0	10,535.8	11,340.9	10,515.6	35.2	24.7	-88.79	957.0	492.8	980.2	920.7	59.48	16.480	
11,590.0	10,536.1	11,430.9	10,516.0	35.3	24.9	-88.79	1,047.0	492.6	980.2	920.4	59.82	16.387	
11,600.0	10,536.2	11,440.9	10,516.0	35.3	24.9	-88.79	1,057.0	492.6	980.2	920.3	59.85	16.376	
11,685.0	10,536.5	11,525.9	10,516.3	35.5	25.1	-88.79	1,142.0	492.4	980.2	920.0	60.20	16.281	
11,700.0	10,536.6	11,540.9	10,516.3	35.6	25.1	-88.79	1,157.0	492.4	980.2	919.9	60.27	16.264	
11,780.0	10,536.9	11,620.9	10,516.6	35.7	25.3	-88.79	1,237.0	492.2	980.2	919.6	60.63	16.168	
11,800.0	10,537.0	11,640.9	10,516.7	35.8	25.4	-88.79	1,257.0	492.1	980.2	919.5	60.72	16.143	
11,875.0	10,537.2	11,715.9	10,517.0	35.9	25.6	-88.79	1,332.0	492.0	980.2	919.1	61.08	16.047	
11,900.0	10,537.3	11,740.9	10,517.0	36.0	25.6	-88.78	1,357.0	491.9	980.2	919.0	61.21	16.015	
11,970.0	10,537.6	11,810.9	10,517.3	36.2	25.8	-88.78	1,427.0	491.7	980.2	918.6	61.57	15.921	
12,000.0	10,537.7	11,840.9	10,517.4	36.3	25.9	-88.78	1,457.0	491.7	980.2	918.5	61.73	15.880	
12,065.0	10,538.0	11,905.9	10,517.6	36.4	26.1	-88.78	1,522.0	491.5	980.2	918.1	62.08	15.788	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	10,538.1	11,940.9	10,517.7	36.5	26.2	-88.78	1,557.0	491.5	980.2	917.9	62.28	15.738	
12,160.0	10,538.3	12,000.9	10,518.0	36.7	26.4	-88.78	1,617.0	491.3	980.2	917.6	62.63	15.651	
12,200.0	10,538.5	12,040.9	10,518.1	36.8	26.6	-88.78	1,657.0	491.2	980.2	917.3	62.87	15.591	
12,255.0	10,538.7	12,095.9	10,518.3	36.9	26.7	-88.78	1,712.0	491.1	980.2	917.0	63.21	15.508	
12,300.0	10,538.9	12,140.9	10,518.4	37.1	26.9	-88.78	1,757.0	491.0	980.2	916.7	63.49	15.439	
12,350.0	10,539.1	12,190.9	10,518.6	37.2	27.1	-88.78	1,807.0	490.9	980.2	916.4	63.81	15.361	
12,400.0	10,539.3	12,240.9	10,518.8	37.4	27.2	-88.77	1,857.0	490.8	980.2	916.1	64.14	15.282	
12,445.0	10,539.4	12,285.9	10,519.0	37.5	27.4	-88.77	1,902.0	490.7	980.2	915.8	64.44	15.210	
12,500.0	10,539.6	12,340.9	10,519.1	37.7	27.6	-88.77	1,957.0	490.5	980.2	915.4	64.82	15.122	
12,540.0	10,539.8	12,380.9	10,519.3	37.8	27.8	-88.77	1,997.0	490.5	980.2	915.1	65.10	15.057	
12,600.0	10,540.0	12,440.9	10,519.5	38.0	28.0	-88.77	2,057.0	490.3	980.2	914.7	65.53	14.958	
12,635.0	10,540.2	12,475.9	10,519.6	38.1	28.1	-88.77	2,092.0	490.2	980.2	914.4	65.79	14.900	
12,700.0	10,540.4	12,540.9	10,519.9	38.4	28.4	-88.77	2,157.0	490.1	980.2	913.9	66.27	14.792	
12,730.0	10,540.5	12,570.9	10,520.0	38.5	28.5	-88.77	2,187.0	490.0	980.2	913.7	66.49	14.741	
12,800.0	10,540.8	12,640.9	10,520.2	38.7	28.8	-88.77	2,257.0	489.9	980.2	913.2	67.03	14.623	
12,825.0	10,540.9	12,665.9	10,520.3	38.8	28.9	-88.77	2,282.0	489.8	980.2	913.0	67.23	14.580	
12,900.0	10,541.2	12,740.9	10,520.6	39.1	29.3	-88.76	2,357.0	489.6	980.2	912.4	67.82	14.453	
12,920.0	10,541.3	12,760.9	10,520.6	39.2	29.3	-88.76	2,377.0	489.6	980.2	912.2	67.98	14.418	
13,000.0	10,541.6	12,840.9	10,520.9	39.5	29.7	-88.76	2,457.0	489.4	980.2	911.6	68.64	14.281	
13,015.0	10,541.6	12,855.9	10,521.0	39.5	29.8	-88.76	2,472.0	489.4	980.2	911.4	68.76	14.255	
13,100.0	10,542.0	12,940.9	10,521.3	39.8	30.2	-88.76	2,557.0	489.2	980.2	910.7	69.48	14.108	
13,110.0	10,542.0	12,950.9	10,521.3	39.9	30.2	-88.76	2,567.0	489.2	980.2	910.6	69.56	14.091	
13,200.0	10,542.3	13,040.9	10,521.6	40.2	30.6	-88.76	2,657.0	489.0	980.2	909.9	70.34	13.935	
13,205.0	10,542.4	13,045.9	10,521.6	40.3	30.7	-88.76	2,662.0	488.9	980.2	909.8	70.38	13.927	
13,300.0	10,542.7	13,140.9	10,522.0	40.7	31.1	-88.76	2,757.0	488.7	980.2	909.0	71.22	13.762	
13,395.0	10,543.1	13,235.9	10,522.3	41.0	31.6	-88.75	2,852.0	488.5	980.2	908.1	72.08	13.598	
13,400.0	10,543.1	13,240.9	10,522.3	41.1	31.6	-88.75	2,857.0	488.5	980.2	908.1	72.13	13.589	
13,490.0	10,543.5	13,330.9	10,522.6	41.5	32.1	-88.75	2,947.0	488.3	980.2	907.2	72.96	13.434	
13,500.0	10,543.5	13,340.9	10,522.7	41.5	32.1	-88.75	2,957.0	488.3	980.2	907.1	73.06	13.417	
13,585.0	10,543.8	13,425.9	10,523.0	41.9	32.5	-88.75	3,042.0	488.1	980.2	906.3	73.86	13.271	
13,600.0	10,543.9	13,440.9	10,523.0	41.9	32.6	-88.75	3,057.0	488.0	980.2	906.2	74.00	13.245	
13,680.0	10,544.2	13,520.9	10,523.3	42.3	33.0	-88.75	3,137.0	487.9	980.2	905.4	74.78	13.109	
13,700.0	10,544.3	13,540.9	10,523.4	42.4	33.1	-88.75	3,157.0	487.8	980.2	905.2	74.97	13.075	
13,775.0	10,544.6	13,615.9	10,523.6	42.7	33.5	-88.75	3,232.0	487.7	980.2	904.5	75.71	12.947	
13,800.0	10,544.6	13,640.9	10,523.7	42.8	33.7	-88.75	3,257.0	487.6	980.2	904.3	75.95	12.905	
13,870.0	10,544.9	13,710.9	10,524.0	43.2	34.0	-88.75	3,327.0	487.4	980.2	903.6	76.65	12.787	
13,900.0	10,545.0	13,740.9	10,524.1	43.3	34.2	-88.74	3,357.0	487.4	980.2	903.2	76.96	12.737	
13,965.0	10,545.3	13,805.9	10,524.3	43.6	34.6	-88.74	3,422.0	487.2	980.2	902.6	77.62	12.629	
14,000.0	10,545.4	13,840.9	10,524.4	43.8	34.8	-88.74	3,457.0	487.1	980.2	902.2	77.98	12.571	
14,060.0	10,545.7	13,900.9	10,524.6	44.1	35.1	-88.74	3,517.0	487.0	980.2	901.6	78.60	12.472	
14,100.0	10,545.8	13,940.9	10,524.8	44.2	35.3	-88.74	3,557.0	486.9	980.2	901.2	79.01	12.406	
14,155.0	10,546.0	13,995.9	10,525.0	44.5	35.6	-88.74	3,612.0	486.8	980.2	900.6	79.59	12.316	
14,200.0	10,546.2	14,040.9	10,525.1	44.7	35.9	-88.74	3,657.0	486.7	980.2	900.1	80.06	12.243	
14,250.0	10,546.4	14,090.9	10,525.3	45.0	36.2	-88.74	3,707.0	486.6	980.2	899.6	80.59	12.162	
14,300.0	10,546.6	14,140.9	10,525.5	45.2	36.4	-88.74	3,757.0	486.5	980.2	899.1	81.13	12.082	
14,345.0	10,546.7	14,185.9	10,525.6	45.5	36.7	-88.74	3,802.0	486.4	980.2	898.6	81.61	12.011	
14,400.0	10,547.0	14,240.9	10,525.8	45.7	37.0	-88.73	3,857.0	486.2	980.2	898.0	82.21	11.924	
14,440.0	10,547.1	14,280.9	10,526.0	45.9	37.3	-88.73	3,897.0	486.1	980.2	897.6	82.64	11.861	
14,500.0	10,547.3	14,340.9	10,526.2	46.2	37.6	-88.73	3,957.0	486.0	980.2	896.9	83.30	11.767	
14,535.0	10,547.5	14,375.9	10,526.3	46.4	37.8	-88.73	3,992.0	485.9	980.2	896.5	83.69	11.713	
14,600.0	10,547.7	14,440.9	10,526.5	46.7	38.2	-88.73	4,057.0	485.8	980.2	895.8	84.41	11.613	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	10,547.8	14,470.9	10,526.6	46.9	38.4	-88.73	4,087.0	485.7	980.2	895.5	84.74	11.567	
14,700.0	10,548.1	14,540.9	10,526.9	47.3	38.8	-88.73	4,157.0	485.6	980.2	894.7	85.53	11.460	
14,725.0	10,548.2	14,565.9	10,527.0	47.4	38.9	-88.73	4,182.0	485.5	980.2	894.4	85.81	11.423	
14,800.0	10,548.5	14,640.9	10,527.2	47.8	39.4	-88.73	4,257.0	485.3	980.2	893.6	86.66	11.311	
14,820.0	10,548.6	14,660.9	10,527.3	47.9	39.5	-88.73	4,277.0	485.3	980.2	893.3	86.89	11.281	
14,900.0	10,548.9	14,740.9	10,527.6	48.3	40.0	-88.72	4,357.0	485.1	980.2	892.4	87.81	11.163	
14,915.0	10,548.9	14,755.9	10,527.6	48.4	40.1	-88.72	4,372.0	485.1	980.2	892.2	87.98	11.141	
15,000.0	10,549.3	14,840.9	10,527.9	48.9	40.6	-88.72	4,457.0	484.9	980.2	891.3	88.96	11.018	
15,010.0	10,549.3	14,850.9	10,528.0	48.9	40.7	-88.72	4,467.0	484.9	980.2	891.1	89.08	11.004	
15,100.0	10,549.7	14,940.9	10,528.3	49.4	41.2	-88.72	4,557.0	484.6	980.2	890.1	90.13	10.876	
15,105.0	10,549.7	14,945.9	10,528.3	49.4	41.3	-88.72	4,562.0	484.6	980.2	890.0	90.19	10.869	
15,200.0	10,550.0	15,040.9	10,528.6	50.0	41.9	-88.72	4,657.0	484.4	980.2	888.9	91.31	10.736	
15,295.0	10,550.4	15,135.9	10,528.9	50.5	42.5	-88.72	4,752.0	484.2	980.2	887.8	92.43	10.605	
15,300.0	10,550.4	15,140.9	10,529.0	50.5	42.5	-88.72	4,757.0	484.2	980.2	887.7	92.49	10.598	
15,390.0	10,550.8	15,230.9	10,529.3	51.0	43.1	-88.71	4,847.0	484.0	980.2	886.6	93.57	10.476	
15,400.0	10,550.8	15,240.9	10,529.3	51.1	43.1	-88.71	4,857.0	484.0	980.2	886.5	93.69	10.462	
15,485.0	10,551.1	15,325.9	10,529.6	51.6	43.7	-88.71	4,942.0	483.8	980.2	885.5	94.71	10.349	
15,500.0	10,551.2	15,340.9	10,529.7	51.7	43.8	-88.71	4,957.0	483.7	980.2	885.3	94.90	10.329	
15,580.0	10,551.5	15,420.9	10,529.9	52.1	44.3	-88.71	5,037.0	483.6	980.2	884.4	95.87	10.225	
15,600.0	10,551.6	15,440.9	10,530.0	52.2	44.4	-88.71	5,057.0	483.5	980.2	884.1	96.11	10.199	
15,675.0	10,551.9	15,515.9	10,530.3	52.7	44.9	-88.71	5,132.0	483.3	980.2	883.2	97.03	10.102	
15,700.0	10,552.0	15,540.9	10,530.4	52.8	45.0	-88.71	5,157.0	483.3	980.2	882.9	97.33	10.071	
15,770.0	10,552.2	15,610.9	10,530.6	53.2	45.5	-88.71	5,227.0	483.1	980.2	882.0	98.20	9.982	
15,800.0	10,552.3	15,640.9	10,530.7	53.4	45.7	-88.71	5,257.0	483.1	980.2	881.7	98.57	9.945	
15,865.0	10,552.6	15,705.9	10,530.9	53.8	46.1	-88.71	5,322.0	482.9	980.2	880.9	99.37	9.864	
15,900.0	10,552.7	15,740.9	10,531.1	54.0	46.3	-88.70	5,357.0	482.8	980.2	880.4	99.81	9.821	
15,960.0	10,553.0	15,800.9	10,531.3	54.3	46.7	-88.70	5,417.0	482.7	980.2	879.7	100.55	9.748	
16,000.0	10,553.1	15,840.9	10,531.4	54.6	47.0	-88.70	5,457.0	482.6	980.2	879.2	101.05	9.700	
16,055.0	10,553.3	15,895.9	10,531.6	54.9	47.3	-88.70	5,512.0	482.5	980.2	878.5	101.74	9.634	
16,100.0	10,553.5	15,940.9	10,531.8	55.2	47.6	-88.70	5,557.0	482.4	980.2	877.9	102.31	9.581	
16,150.0	10,553.7	15,990.9	10,531.9	55.5	48.0	-88.70	5,607.0	482.3	980.2	877.3	102.94	9.522	
16,200.0	10,553.9	16,040.9	10,532.1	55.8	48.3	-88.70	5,657.0	482.2	980.2	876.7	103.57	9.464	
16,245.0	10,554.1	16,085.9	10,532.3	56.0	48.6	-88.70	5,702.0	482.1	980.2	876.1	104.14	9.412	
16,300.0	10,554.3	16,140.9	10,532.5	56.4	49.0	-88.70	5,757.0	481.9	980.2	875.4	104.84	9.350	
16,340.0	10,554.4	16,180.9	10,532.6	56.6	49.2	-88.70	5,797.0	481.8	980.2	874.9	105.35	9.304	
16,400.0	10,554.7	16,240.9	10,532.8	57.0	49.6	-88.69	5,857.0	481.7	980.2	874.1	106.12	9.237	
16,435.0	10,554.8	16,275.9	10,532.9	57.2	49.9	-88.69	5,892.0	481.6	980.2	873.7	106.57	9.198	
16,500.0	10,555.0	16,340.9	10,533.2	57.6	50.3	-88.69	5,957.0	481.5	980.2	872.8	107.40	9.127	
16,530.0	10,555.2	16,370.9	10,533.3	57.8	50.5	-88.69	5,987.0	481.4	980.2	872.4	107.79	9.094	
16,600.0	10,555.4	16,440.9	10,533.5	58.2	51.0	-88.69	6,057.0	481.2	980.2	871.5	108.69	9.019	
16,625.0	10,555.5	16,465.9	10,533.6	58.3	51.1	-88.69	6,082.0	481.2	980.2	871.2	109.01	8.992	
16,700.0	10,555.8	16,540.9	10,533.9	58.8	51.7	-88.69	6,157.0	481.0	980.2	870.2	109.98	8.912	
16,720.0	10,555.9	16,560.9	10,533.9	58.9	51.8	-88.69	6,177.0	481.0	980.2	870.0	110.24	8.891	
16,800.0	10,556.2	16,640.9	10,534.2	59.4	52.3	-88.69	6,257.0	480.8	980.2	868.9	111.28	8.808	
16,815.0	10,556.3	16,655.9	10,534.3	59.5	52.4	-88.69	6,272.0	480.8	980.2	868.8	111.48	8.793	
16,900.0	10,556.6	16,740.9	10,534.6	60.0	53.0	-88.68	6,357.0	480.6	980.2	867.6	112.59	8.706	
16,910.0	10,556.6	16,750.9	10,534.6	60.1	53.1	-88.68	6,367.0	480.5	980.2	867.5	112.72	8.696	
17,000.0	10,557.0	16,840.9	10,534.9	60.7	53.7	-88.68	6,457.0	480.3	980.2	866.3	113.90	8.606	
17,005.0	10,557.0	16,845.9	10,534.9	60.7	53.7	-88.68	6,462.0	480.3	980.2	866.3	113.97	8.601	
17,100.0	10,557.4	16,940.9	10,535.3	61.3	54.4	-88.68	6,557.0	480.1	980.2	865.0	115.22	8.508	
17,195.0	10,557.7	17,035.9	10,535.6	61.9	55.0	-88.68	6,652.0	479.9	980.2	863.8	116.47	8.416	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	10,557.7	17,040.9	10,535.6	61.9	55.1	-88.68	6,657.0	479.9	980.2	863.7	116.54	8.411	
17,290.0	10,558.1	17,130.9	10,535.9	62.5	55.7	-88.68	6,747.0	479.7	980.2	862.5	117.74	8.326	
17,300.0	10,558.1	17,140.9	10,536.0	62.6	55.7	-88.68	6,757.0	479.7	980.2	862.4	117.87	8.316	
17,385.0	10,558.5	17,225.9	10,536.3	63.1	56.3	-88.67	6,842.0	479.5	980.2	861.2	119.00	8.237	
17,400.0	10,558.5	17,240.9	10,536.3	63.2	56.4	-88.67	6,857.0	479.4	980.2	861.0	119.20	8.224	
17,480.0	10,558.8	17,320.9	10,536.6	63.7	57.0	-88.67	6,937.0	479.3	980.2	860.0	120.27	8.150	
17,500.0	10,558.9	17,340.9	10,536.7	63.9	57.1	-88.67	6,957.0	479.2	980.2	859.7	120.54	8.132	
17,575.0	10,559.2	17,415.9	10,536.9	64.3	57.7	-88.67	7,032.0	479.0	980.2	858.7	121.54	8.065	
17,600.0	10,559.3	17,440.9	10,537.0	64.5	57.8	-88.67	7,057.0	479.0	980.2	858.4	121.88	8.043	
17,670.0	10,559.5	17,510.9	10,537.3	64.9	58.3	-88.67	7,127.0	478.8	980.2	857.4	122.82	7.981	
17,700.0	10,559.7	17,540.9	10,537.4	65.1	58.5	-88.67	7,157.0	478.8	980.2	857.0	123.22	7.955	
17,765.0	10,559.9	17,605.9	10,537.6	65.6	59.0	-88.67	7,222.0	478.6	980.2	856.1	124.10	7.899	
17,800.0	10,560.0	17,640.9	10,537.7	65.8	59.2	-88.67	7,257.0	478.5	980.2	855.7	124.57	7.869	
17,860.0	10,560.3	17,700.9	10,537.9	66.2	59.6	-88.67	7,317.0	478.4	980.2	854.9	125.38	7.818	
17,900.0	10,560.4	17,740.9	10,538.1	66.4	59.9	-88.66	7,357.0	478.3	980.2	854.3	125.92	7.784	
17,955.0	10,560.6	17,795.9	10,538.3	66.8	60.3	-88.66	7,412.0	478.2	980.2	853.6	126.67	7.739	
18,000.0	10,560.8	17,840.9	10,538.4	67.1	60.6	-88.66	7,457.0	478.1	980.2	853.0	127.28	7.702	
18,050.0	10,561.0	17,890.9	10,538.6	67.4	61.0	-88.66	7,507.0	478.0	980.2	852.3	127.96	7.661	
18,100.0	10,561.2	17,940.9	10,538.8	67.7	61.3	-88.66	7,557.0	477.8	980.2	851.6	128.64	7.620	
18,145.0	10,561.4	17,985.9	10,538.9	68.0	61.6	-88.66	7,602.0	477.7	980.2	851.0	129.25	7.584	
18,200.0	10,561.6	18,040.9	10,539.1	68.4	62.0	-88.66	7,657.0	477.6	980.2	850.2	130.00	7.540	
18,240.0	10,561.7	18,080.9	10,539.3	68.7	62.3	-88.66	7,697.0	477.5	980.2	849.7	130.55	7.509	
18,300.0	10,562.0	18,140.9	10,539.5	69.1	62.7	-88.66	7,757.0	477.4	980.2	848.9	131.37	7.462	
18,335.0	10,562.1	18,175.9	10,539.6	69.3	63.0	-88.66	7,792.0	477.3	980.2	848.4	131.85	7.434	
18,400.0	10,562.4	18,240.9	10,539.8	69.7	63.4	-88.65	7,857.0	477.2	980.2	847.5	132.74	7.385	
18,430.0	10,562.5	18,270.9	10,539.9	69.9	63.6	-88.65	7,887.0	477.1	980.2	847.1	133.15	7.362	
18,500.0	10,562.7	18,340.9	10,540.2	70.4	64.1	-88.65	7,957.0	476.9	980.2	846.1	134.12	7.309	
18,525.0	10,562.8	18,365.9	10,540.3	70.6	64.3	-88.65	7,982.0	476.9	980.2	845.8	134.46	7.290	
18,600.0	10,563.1	18,440.9	10,540.5	71.1	64.8	-88.65	8,057.0	476.7	980.2	844.8	135.49	7.235	
18,620.0	10,563.2	18,460.9	10,540.6	71.2	65.0	-88.65	8,077.0	476.7	980.2	844.5	135.77	7.220	
18,700.0	10,563.5	18,540.9	10,540.9	71.7	65.6	-88.65	8,157.0	476.5	980.2	843.4	136.88	7.162	
18,715.0	10,563.6	18,555.9	10,540.9	71.8	65.7	-88.65	8,172.0	476.4	980.2	843.2	137.08	7.151	
18,800.0	10,563.9	18,640.9	10,541.2	72.4	66.3	-88.65	8,257.0	476.3	980.2	842.0	138.26	7.090	
18,810.0	10,563.9	18,650.9	10,541.3	72.5	66.3	-88.65	8,267.0	476.2	980.2	841.9	138.40	7.083	
18,900.0	10,564.3	18,740.9	10,541.6	73.1	67.0	-88.64	8,357.0	476.0	980.2	840.6	139.65	7.020	
18,905.0	10,564.3	18,745.9	10,541.6	73.1	67.0	-88.64	8,362.0	476.0	980.2	840.5	139.72	7.016	
19,000.0	10,564.7	18,840.9	10,541.9	73.7	67.7	-88.64	8,457.0	475.8	980.3	839.2	141.04	6.950	
19,095.0	10,565.0	18,935.9	10,542.3	74.4	68.4	-88.64	8,552.0	475.6	980.3	837.9	142.36	6.886	
19,100.0	10,565.1	18,940.9	10,542.3	74.4	68.4	-88.64	8,557.0	475.6	980.3	837.8	142.43	6.882	
19,190.0	10,565.4	19,030.9	10,542.6	75.0	69.1	-88.64	8,647.0	475.4	980.3	836.6	143.68	6.822	
19,200.0	10,565.4	19,040.9	10,542.6	75.1	69.1	-88.64	8,657.0	475.3	980.3	836.4	143.82	6.816	
19,285.0	10,565.8	19,125.9	10,542.9	75.7	69.7	-88.64	8,742.0	475.2	980.3	835.2	145.01	6.760	
19,300.0	10,565.8	19,140.9	10,543.0	75.8	69.8	-88.64	8,757.0	475.1	980.3	835.0	145.22	6.750	
19,380.0	10,566.1	19,220.9	10,543.3	76.3	70.4	-88.63	8,837.0	474.9	980.3	833.9	146.34	6.698	
19,400.0	10,566.2	19,240.9	10,543.3	76.5	70.6	-88.63	8,857.0	474.9	980.3	833.6	146.62	6.686	
19,475.0	10,566.5	19,315.9	10,543.6	77.0	71.1	-88.63	8,932.0	474.7	980.3	832.6	147.67	6.638	
19,500.0	10,566.6	19,340.9	10,543.7	77.1	71.3	-88.63	8,957.0	474.7	980.3	832.2	148.02	6.622	
19,570.0	10,566.9	19,410.9	10,543.9	77.6	71.8	-88.63	9,027.0	474.5	980.3	831.2	149.01	6.579	
19,600.0	10,567.0	19,440.9	10,544.0	77.8	72.0	-88.63	9,057.0	474.4	980.3	830.8	149.43	6.560	
19,665.0	10,567.2	19,505.9	10,544.3	78.3	72.5	-88.63	9,122.0	474.3	980.3	829.9	150.34	6.520	
19,700.0	10,567.4	19,540.9	10,544.4	78.5	72.7	-88.63	9,157.0	474.2	980.3	829.4	150.84	6.499	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	10,567.6	19,600.9	10,544.6	78.9	73.1	-88.63	9,217.0	474.1	980.3	828.6	151.68	6.463	
19,800.0	10,567.7	19,640.9	10,544.7	79.2	73.4	-88.63	9,257.0	474.0	980.3	828.0	152.25	6.439	
19,855.0	10,568.0	19,695.9	10,544.9	79.6	73.8	-88.63	9,312.0	473.9	980.3	827.2	153.02	6.406	
19,900.0	10,568.1	19,740.9	10,545.1	79.9	74.2	-88.62	9,357.0	473.8	980.3	826.6	153.66	6.379	
19,950.0	10,568.3	19,790.9	10,545.3	80.2	74.5	-88.62	9,407.0	473.6	980.3	825.9	154.36	6.350	
20,000.0	10,568.5	19,840.9	10,545.4	80.6	74.9	-88.62	9,457.0	473.5	980.3	825.2	155.07	6.321	
20,045.0	10,568.7	19,885.9	10,545.6	80.9	75.2	-88.62	9,502.0	473.4	980.3	824.6	155.71	6.295	
20,100.0	10,568.9	19,940.9	10,545.8	81.3	75.6	-88.62	9,557.0	473.3	980.3	823.8	156.49	6.264	
20,140.0	10,569.1	19,980.9	10,545.9	81.5	75.9	-88.62	9,597.0	473.2	980.3	823.2	157.06	6.241	
20,200.0	10,569.3	20,040.9	10,546.1	81.9	76.3	-88.62	9,657.0	473.1	980.3	822.4	157.91	6.208	
20,235.0	10,569.4	20,075.9	10,546.3	82.2	76.6	-88.62	9,692.0	473.0	980.3	821.9	158.40	6.188	
20,300.0	10,569.7	20,140.9	10,546.5	82.6	77.1	-88.62	9,757.0	472.9	980.3	820.9	159.33	6.153	
20,330.0	10,569.8	20,170.9	10,546.6	82.8	77.3	-88.62	9,787.0	472.8	980.3	820.5	159.75	6.136	
20,400.0	10,570.1	20,240.9	10,546.8	83.3	77.8	-88.61	9,857.0	472.6	980.3	819.5	160.75	6.098	
20,425.0	10,570.2	20,265.9	10,546.9	83.5	78.0	-88.61	9,882.0	472.6	980.3	819.2	161.10	6.085	
20,500.0	10,570.4	20,340.9	10,547.2	84.0	78.5	-88.61	9,957.0	472.4	980.3	818.1	162.17	6.045	
20,520.0	10,570.5	20,360.9	10,547.3	84.2	78.6	-88.61	9,977.0	472.4	980.3	817.8	162.46	6.034	
20,600.0	10,570.8	20,440.9	10,547.5	84.7	79.2	-88.61	10,057.0	472.2	980.3	816.7	163.60	5.992	
20,615.0	10,570.9	20,455.9	10,547.6	84.8	79.3	-88.61	10,072.0	472.1	980.3	816.5	163.81	5.984	
20,700.0	10,571.2	20,540.9	10,547.9	85.4	80.0	-88.61	10,157.0	471.9	980.3	815.2	165.03	5.940	
20,710.0	10,571.2	20,550.9	10,547.9	85.5	80.0	-88.61	10,167.0	471.9	980.3	815.1	165.17	5.935	
20,800.0	10,571.6	20,640.9	10,548.2	86.1	80.7	-88.61	10,257.0	471.7	980.3	813.8	166.46	5.889	
20,805.0	10,571.6	20,645.9	10,548.3	86.2	80.7	-88.61	10,262.0	471.7	980.3	813.7	166.53	5.887	
20,900.0	10,572.0	20,740.9	10,548.6	86.8	81.4	-88.60	10,357.0	471.5	980.3	812.4	167.89	5.839	
20,995.0	10,572.3	20,835.9	10,548.9	87.5	82.1	-88.60	10,452.0	471.3	980.3	811.0	169.25	5.792	
21,000.0	10,572.4	20,840.9	10,549.0	87.5	82.1	-88.60	10,457.0	471.3	980.3	810.9	169.32	5.789	
21,090.0	10,572.7	20,930.9	10,549.3	88.1	82.8	-88.60	10,547.0	471.1	980.3	809.7	170.61	5.746	
21,100.0	10,572.8	20,940.9	10,549.3	88.2	82.9	-88.60	10,557.0	471.0	980.3	809.5	170.75	5.741	
21,185.0	10,573.1	21,025.9	10,549.6	88.8	83.5	-88.60	10,642.0	470.8	980.3	808.3	171.97	5.700	
21,200.0	10,573.1	21,040.9	10,549.7	88.9	83.6	-88.60	10,657.0	470.8	980.3	808.1	172.19	5.693	
21,280.0	10,573.4	21,120.9	10,549.9	89.5	84.2	-88.60	10,737.0	470.6	980.3	806.9	173.34	5.655	
21,300.0	10,573.5	21,140.9	10,550.0	89.6	84.3	-88.60	10,757.0	470.6	980.3	806.6	173.63	5.646	
21,375.0	10,573.8	21,215.9	10,550.3	90.2	84.9	-88.59	10,832.0	470.4	980.3	805.6	174.71	5.611	
21,400.0	10,573.9	21,240.9	10,550.4	90.3	85.1	-88.59	10,857.0	470.4	980.3	805.2	175.07	5.599	
21,470.0	10,574.2	21,310.9	10,550.6	90.8	85.6	-88.59	10,927.0	470.2	980.3	804.2	176.07	5.567	
21,500.0	10,574.3	21,340.9	10,550.7	91.0	85.8	-88.59	10,957.0	470.1	980.3	803.8	176.51	5.554	
21,565.0	10,574.5	21,405.9	10,550.9	91.5	86.3	-88.59	11,022.0	470.0	980.3	802.8	177.44	5.524	
21,600.0	10,574.7	21,440.9	10,551.1	91.7	86.5	-88.59	11,057.0	469.9	980.3	802.3	177.95	5.509	
21,660.0	10,574.9	21,500.9	10,551.3	92.2	87.0	-88.59	11,117.0	469.8	980.3	801.5	178.81	5.482	
21,700.0	10,575.1	21,540.9	10,551.4	92.4	87.3	-88.59	11,157.0	469.7	980.3	800.9	179.39	5.464	
21,755.0	10,575.3	21,595.9	10,551.6	92.8	87.7	-88.59	11,212.0	469.6	980.3	800.1	180.19	5.440	
21,800.0	10,575.4	21,640.9	10,551.8	93.2	88.0	-88.59	11,257.0	469.5	980.3	799.4	180.84	5.421	
21,850.0	10,575.6	21,690.9	10,551.9	93.5	88.4	-88.59	11,307.0	469.3	980.3	798.7	181.56	5.399	
21,900.0	10,575.8	21,740.9	10,552.1	93.9	88.7	-88.58	11,357.0	469.2	980.3	798.0	182.28	5.378	
21,945.0	10,576.0	21,785.9	10,552.3	94.2	89.1	-88.58	11,402.0	469.1	980.3	797.3	182.93	5.359	
22,000.0	10,576.2	21,840.9	10,552.5	94.6	89.5	-88.58	11,457.0	469.0	980.3	796.5	183.73	5.335	
22,040.0	10,576.4	21,880.9	10,552.6	94.9	89.8	-88.58	11,497.0	468.9	980.3	796.0	184.31	5.319	
22,100.0	10,576.6	21,940.9	10,552.8	95.3	90.2	-88.58	11,557.0	468.8	980.3	795.1	185.18	5.294	
22,135.0	10,576.7	21,975.9	10,552.9	95.5	90.5	-88.58	11,592.0	468.7	980.3	794.6	185.69	5.279	
22,200.0	10,577.0	22,040.9	10,553.2	96.0	90.9	-88.58	11,657.0	468.5	980.3	793.7	186.63	5.253	
22,230.0	10,577.1	22,070.9	10,553.3	96.2	91.2	-88.58	11,687.0	468.5	980.3	793.2	187.06	5.240	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	10,577.4	22,140.9	10,553.5	96.7	91.7	-88.58	11,757.0	468.3	980.3	792.2	188.08	5.212	
22,325.0	10,577.5	22,165.9	10,553.6	96.9	91.9	-88.58	11,782.0	468.3	980.3	791.8	188.44	5.202	
22,400.0	10,577.8	22,240.9	10,553.9	97.4	92.4	-88.57	11,857.0	468.1	980.3	790.8	189.53	5.172	
22,420.0	10,577.8	22,260.9	10,553.9	97.6	92.6	-88.57	11,877.0	468.0	980.3	790.5	189.82	5.164	
22,500.0	10,578.1	22,340.9	10,554.2	98.1	93.2	-88.57	11,957.0	467.9	980.3	789.3	190.98	5.133	
22,515.0	10,578.2	22,355.9	10,554.3	98.2	93.3	-88.57	11,972.0	467.8	980.3	789.1	191.20	5.127	
22,593.5	10,578.5	22,434.4	10,554.5	98.8	93.8	-88.57	12,050.5	467.7	980.3	787.9	192.34	5.097	
22,600.0	10,578.5	22,440.9	10,554.6	98.9	93.9	-88.57	12,056.9	467.6	980.3	787.8	192.44	5.094	
22,610.0	10,578.6	22,450.9	10,554.6	98.9	94.0	-88.57	12,066.9	467.6	980.3	787.7	192.58	5.090	
22,700.0	10,578.9	22,540.9	10,554.9	99.6	94.6	-88.57	12,156.9	467.4	980.3	786.4	193.89	5.056	
22,705.0	10,578.9	22,545.9	10,554.9	99.6	94.7	-88.57	12,161.9	467.4	980.3	786.3	193.96	5.054	
22,723.5	10,579.0	22,564.4	10,555.0	99.7	94.8	-88.57	12,180.5	467.4	980.3	786.1	194.23	5.047	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	0.6	0.6	3.0	3.0	-90.24	-0.4	-90.1	90.1				
95.0	95.0	95.6	95.6	3.0	3.0	-90.24	-0.4	-90.1	90.1	84.1	6.04	14.933	
100.0	100.0	100.6	100.6	3.0	3.0	-90.24	-0.4	-90.1	90.1	84.1	6.04	14.921	
190.0	190.0	190.6	190.6	3.1	3.1	-90.24	-0.4	-90.1	90.1	83.9	6.25	14.415	
200.0	200.0	200.6	200.6	3.1	3.1	-90.24	-0.4	-90.1	90.1	83.9	6.29	14.338	
285.0	285.0	285.6	285.6	3.3	3.3	-90.24	-0.4	-90.1	90.1	83.7	6.48	13.903	
300.0	300.0	300.6	300.6	3.3	3.3	-90.24	-0.4	-90.1	90.1	83.6	6.52	13.819	
380.0	380.0	380.6	380.6	3.4	3.4	-90.24	-0.4	-90.1	90.1	83.4	6.70	13.449	
400.0	400.0	400.6	400.6	3.4	3.4	-90.24	-0.4	-90.1	90.1	83.4	6.75	13.352	
475.0	475.0	475.6	475.6	3.5	3.5	-90.24	-0.4	-90.1	90.1	83.2	6.91	13.037	
500.0	500.0	500.6	500.6	3.5	3.5	-90.24	-0.4	-90.1	90.1	83.2	6.97	12.930	
570.0	570.0	570.6	570.6	3.6	3.6	-90.24	-0.4	-90.1	90.1	83.0	7.12	12.662	
600.0	600.0	600.6	600.6	3.6	3.6	-90.24	-0.4	-90.1	90.1	83.0	7.19	12.546	
665.0	665.0	665.6	665.6	3.7	3.7	-90.24	-0.4	-90.1	90.1	82.8	7.32	12.317	
700.0	700.0	700.6	700.6	3.8	3.8	-90.24	-0.4	-90.1	90.1	82.7	7.39	12.193	
760.0	760.0	760.6	760.6	3.8	3.8	-90.24	-0.4	-90.1	90.1	82.6	7.51	11.999	
800.0	800.0	800.6	800.6	3.9	3.9	-90.24	-0.4	-90.1	90.1	82.5	7.59	11.869	
855.0	855.0	855.6	855.6	4.0	4.0	-90.24	-0.4	-90.1	90.1	82.4	7.70	11.704	
900.0	900.0	900.6	900.6	4.0	4.0	-90.24	-0.4	-90.1	90.1	82.3	7.79	11.570	
950.0	950.0	950.6	950.6	4.1	4.1	-90.24	-0.4	-90.1	90.1	82.3	7.89	11.430	
1,000.0	1,000.0	1,000.6	1,000.6	4.1	4.1	-90.24	-0.4	-90.1	90.1	82.2	7.98	11.292	
1,045.0	1,045.0	1,045.6	1,045.6	4.2	4.2	-90.24	-0.4	-90.1	90.1	82.1	8.07	11.175	
1,100.0	1,100.0	1,100.6	1,100.6	4.2	4.2	-90.24	-0.4	-90.1	90.1	82.0	8.17	11.033	
1,140.0	1,140.0	1,140.6	1,140.6	4.3	4.3	-90.24	-0.4	-90.1	90.1	81.9	8.24	10.936	
1,200.0	1,200.0	1,200.6	1,200.6	4.4	4.4	-90.24	-0.4	-90.1	90.1	81.8	8.35	10.791	
1,235.0	1,235.0	1,235.6	1,235.6	4.4	4.4	-90.24	-0.4	-90.1	90.1	81.7	8.42	10.711	
1,300.0	1,300.0	1,300.6	1,300.6	4.5	4.5	-90.24	-0.4	-90.1	90.1	81.6	8.53	10.565	
1,330.0	1,330.0	1,330.6	1,330.6	4.5	4.5	-90.24	-0.4	-90.1	90.1	81.6	8.58	10.500	
1,400.0	1,400.0	1,400.6	1,400.6	4.6	4.6	-90.24	-0.4	-90.1	90.1	81.4	8.71	10.352	
1,425.0	1,425.0	1,425.6	1,425.6	4.6	4.6	-90.24	-0.4	-90.1	90.1	81.4	8.75	10.301	
1,500.0	1,500.0	1,500.6	1,500.6	4.7	4.7	-90.24	-0.4	-90.1	90.1	81.3	8.88	10.151	
1,501.9	1,501.9	1,502.6	1,502.6	4.7	4.7	176.72	-0.4	-90.1	90.1	81.3	8.89	10.143	CC
1,520.0	1,520.0	1,521.1	1,521.1	4.7	4.8	176.69	-0.4	-90.1	90.2	81.2	8.95	10.076	ES
1,600.0	1,600.0	1,603.0	1,603.0	4.8	4.9	176.00	-1.6	-88.8	90.5	81.3	9.22	9.820	
1,615.0	1,615.0	1,618.4	1,618.3	4.8	4.9	175.77	-2.0	-88.3	90.7	81.4	9.29	9.756	
1,700.0	1,699.8	1,705.3	1,705.1	5.0	5.1	173.91	-5.3	-84.6	91.9	82.1	9.71	9.460	
1,710.0	1,709.8	1,715.5	1,715.3	5.0	5.1	173.63	-5.8	-84.1	92.0	82.3	9.75	9.444	
1,800.0	1,799.5	1,806.2	1,805.6	5.2	5.2	170.88	-10.9	-78.3	94.7	84.6	10.09	9.388	SF
1,805.0	1,804.4	1,811.1	1,810.6	5.2	5.2	170.73	-11.1	-78.0	94.9	84.8	10.11	9.388	
1,900.0	1,898.7	1,905.9	1,904.9	5.5	5.4	168.30	-16.6	-71.8	101.0	90.4	10.57	9.554	
1,995.0	1,992.5	2,000.3	1,999.1	5.8	5.6	166.51	-22.1	-65.7	110.2	99.2	11.05	9.980	
2,000.0	1,997.5	2,005.3	2,004.0	5.9	5.7	166.44	-22.4	-65.3	110.8	99.7	11.07	10.009	
2,090.0	2,085.8	2,094.5	2,092.9	6.2	5.9	165.36	-27.5	-59.5	122.6	111.1	11.54	10.622	
2,100.0	2,095.6	2,104.4	2,102.7	6.2	5.9	165.27	-28.1	-58.9	124.1	112.5	11.59	10.701	
2,185.0	2,178.5	2,188.2	2,186.2	6.5	6.1	164.74	-33.0	-53.4	138.0	125.9	12.06	11.443	
2,200.0	2,193.1	2,203.0	2,201.0	6.6	6.1	164.68	-33.8	-52.5	140.7	128.6	12.14	11.588	
2,280.0	2,270.7	2,281.6	2,279.3	6.8	6.4	164.50	-38.4	-47.3	155.4	142.8	12.55	12.384	
2,300.0	2,290.1	2,301.3	2,298.9	6.9	6.4	164.46	-39.5	-46.1	159.0	146.4	12.65	12.574	
2,375.0	2,362.9	2,375.0	2,372.3	7.1	6.6	164.33	-43.8	-41.2	172.7	159.7	13.04	13.250	
2,400.0	2,387.1	2,399.6	2,396.8	7.2	6.7	164.29	-45.2	-39.6	177.3	164.2	13.17	13.465	
2,470.0	2,455.0	2,468.4	2,465.4	7.5	6.9	164.18	-49.2	-35.2	190.1	176.6	13.55	14.034	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	2,484.1	2,497.9	2,494.8	7.6	7.0	164.14	-50.9	-33.2	195.6	181.9	13.71	14.268	
2,565.0	2,547.2	2,561.8	2,558.4	7.8	7.2	164.06	-54.6	-29.1	207.5	193.5	14.07	14.745	
2,600.0	2,581.2	2,596.2	2,592.7	7.9	7.3	164.02	-56.5	-26.8	213.9	199.7	14.27	14.991	
2,660.0	2,639.4	2,655.2	2,651.4	8.2	7.5	163.96	-60.0	-23.0	224.9	210.3	14.61	15.390	
2,700.0	2,678.2	2,694.5	2,690.6	8.3	7.6	163.92	-62.2	-20.4	232.2	217.4	14.84	15.645	
2,755.0	2,731.6	2,748.6	2,744.5	8.5	7.8	163.88	-65.4	-16.9	242.3	227.1	15.17	15.976	
2,800.0	2,775.2	2,792.8	2,788.6	8.7	7.9	163.84	-67.9	-14.0	250.5	235.1	15.43	16.236	
2,850.0	2,823.7	2,841.9	2,837.4	8.9	8.0	163.80	-70.7	-10.8	259.7	244.0	15.70	16.542	
2,900.0	2,872.3	2,889.7	2,885.1	9.1	8.2	163.81	-73.4	-7.9	269.0	253.0	15.97	16.841	
2,945.0	2,915.9	2,932.7	2,927.9	9.3	8.3	163.87	-75.5	-5.5	277.6	261.3	16.24	17.094	
3,000.0	2,969.3	2,985.1	2,980.3	9.5	8.5	164.02	-77.8	-2.9	288.3	271.7	16.57	17.398	
3,040.0	3,008.1	3,023.2	3,018.2	9.7	8.6	164.17	-79.2	-1.3	296.3	279.5	16.82	17.619	
3,100.0	3,066.3	3,080.1	3,075.1	9.9	8.8	164.44	-81.1	0.9	308.6	291.4	17.19	17.954	
3,135.0	3,100.3	3,113.2	3,108.2	10.1	8.9	164.63	-82.0	1.9	315.9	298.5	17.41	18.150	
3,200.0	3,163.3	3,174.6	3,169.6	10.3	9.0	165.04	-83.4	3.5	329.8	312.0	17.81	18.520	
3,230.0	3,192.5	3,202.9	3,197.8	10.5	9.1	165.25	-83.9	4.0	336.4	318.4	18.00	18.691	
3,300.0	3,260.4	3,268.6	3,263.5	10.8	9.3	165.77	-84.7	4.9	352.1	333.7	18.43	19.104	
3,325.0	3,284.6	3,292.0	3,287.0	10.9	9.3	165.97	-84.8	5.0	357.8	339.3	18.59	19.251	
3,400.0	3,357.4	3,363.1	3,358.0	11.2	9.4	166.60	-84.9	5.2	375.4	356.4	18.98	19.774	
3,420.0	3,376.8	3,382.5	3,377.4	11.3	9.4	166.77	-84.9	5.2	380.1	361.0	19.09	19.914	
3,500.0	3,454.4	3,460.1	3,455.0	11.6	9.5	167.40	-84.9	5.2	399.0	379.5	19.53	20.434	
3,515.0	3,469.0	3,474.7	3,469.6	11.7	9.5	167.52	-84.9	5.2	402.5	382.9	19.61	20.528	
3,600.0	3,551.5	3,557.2	3,552.1	12.1	9.5	168.12	-84.9	5.2	422.7	402.6	20.08	21.046	
3,610.0	3,561.2	3,566.9	3,561.8	12.1	9.5	168.19	-84.9	5.2	425.0	404.9	20.14	21.106	
3,700.0	3,648.5	3,654.2	3,649.1	12.5	9.6	168.76	-84.9	5.2	446.4	425.8	20.64	21.629	
3,705.0	3,653.3	3,659.0	3,653.9	12.5	9.6	168.79	-84.9	5.2	447.6	426.9	20.67	21.657	
3,800.0	3,745.5	3,751.2	3,746.1	13.0	9.7	169.33	-84.9	5.2	470.2	449.0	21.20	22.183	
3,895.0	3,837.7	3,843.4	3,838.3	13.4	9.7	169.83	-84.9	5.2	492.8	471.1	21.72	22.685	
3,900.0	3,842.6	3,848.2	3,843.2	13.4	9.7	169.85	-84.9	5.2	494.0	472.2	21.75	22.711	
3,990.0	3,929.9	3,935.6	3,930.5	13.8	9.8	170.28	-84.9	5.2	515.5	493.2	22.25	23.165	
4,000.0	3,939.6	3,945.3	3,940.2	13.9	9.8	170.32	-84.9	5.2	517.8	495.5	22.31	23.214	
4,085.0	4,022.1	4,027.7	4,022.7	14.3	9.9	170.69	-84.9	5.2	538.1	515.4	22.78	23.624	
4,100.0	4,036.6	4,042.3	4,037.2	14.3	9.9	170.75	-84.9	5.2	541.7	518.9	22.86	23.694	
4,180.0	4,114.2	4,119.9	4,114.8	14.7	9.9	171.07	-84.9	5.2	560.9	537.5	23.31	24.062	
4,200.0	4,133.6	4,139.3	4,134.2	14.8	9.9	171.14	-84.9	5.2	565.6	542.2	23.42	24.153	
4,275.0	4,206.4	4,212.1	4,207.0	15.1	10.0	171.42	-84.9	5.2	583.6	559.8	23.84	24.482	
4,300.0	4,230.7	4,236.4	4,231.3	15.2	10.0	171.51	-84.9	5.2	589.6	565.6	23.98	24.590	
4,370.0	4,298.6	4,304.3	4,299.2	15.6	10.1	171.74	-84.9	5.2	606.3	582.0	24.37	24.885	
4,400.0	4,327.7	4,333.4	4,328.3	15.7	10.1	171.84	-84.9	5.2	613.5	589.0	24.53	25.008	
4,465.0	4,390.8	4,396.5	4,391.4	16.0	10.1	172.04	-84.9	5.2	629.1	604.2	24.89	25.270	
4,500.0	4,424.7	4,430.4	4,425.3	16.2	10.1	172.15	-84.9	5.2	637.5	612.4	25.09	25.409	
4,560.0	4,482.9	4,488.6	4,483.5	16.5	10.2	172.32	-84.9	5.2	651.9	626.5	25.42	25.640	
4,600.0	4,521.8	4,527.4	4,522.4	16.6	10.2	172.43	-84.9	5.2	661.5	635.8	25.65	25.792	
4,655.0	4,575.1	4,580.8	4,575.7	16.9	10.3	172.58	-84.9	5.2	674.7	648.7	25.95	25.995	
4,700.0	4,618.8	4,624.5	4,619.4	17.1	10.3	172.70	-84.9	5.2	685.5	659.3	26.20	26.159	
4,750.0	4,667.3	4,673.0	4,667.9	17.3	10.3	172.83	-84.9	5.2	697.5	671.0	26.48	26.336	
4,800.0	4,715.8	4,721.5	4,716.4	17.6	10.4	172.95	-84.9	5.2	709.5	682.7	26.76	26.511	
4,845.0	4,759.5	4,765.2	4,760.1	17.8	10.4	173.06	-84.9	5.2	720.3	693.3	27.01	26.664	
4,900.0	4,812.8	4,818.5	4,813.4	18.0	10.4	173.18	-84.9	5.2	733.5	706.2	27.32	26.848	
4,940.0	4,851.7	4,857.3	4,852.3	18.2	10.5	173.27	-84.9	5.2	743.1	715.6	27.54	26.979	
5,000.0	4,909.9	4,915.6	4,910.5	18.5	10.5	173.40	-84.9	5.2	757.6	729.7	27.88	27.172	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	4,943.8	4,949.5	4,944.4	18.7	10.5	173.47	-84.9	5.2	766.0	737.9	28.08	27.282	
5,100.0	5,006.9	5,012.6	5,007.5	19.0	10.6	173.60	-84.9	5.2	781.6	753.2	28.44	27.484	
5,130.0	5,036.0	5,041.7	5,036.6	19.1	10.6	173.66	-84.9	5.2	788.8	760.2	28.61	27.575	
5,200.0	5,103.9	5,109.6	5,104.5	19.5	10.6	173.79	-84.9	5.2	805.7	776.7	29.00	27.783	
5,225.0	5,128.2	5,133.9	5,128.8	19.6	10.7	173.84	-84.9	5.2	811.7	782.5	29.14	27.856	
5,300.0	5,201.0	5,206.6	5,201.6	19.9	10.7	173.97	-84.9	5.2	829.7	800.2	29.56	28.071	
5,320.0	5,220.4	5,226.1	5,221.0	20.0	10.7	174.01	-84.9	5.2	834.5	804.9	29.67	28.127	
5,400.0	5,298.0	5,303.7	5,298.6	20.4	10.8	174.14	-84.9	5.2	853.8	823.7	30.12	28.348	
5,415.0	5,312.5	5,318.2	5,313.1	20.5	10.8	174.17	-84.9	5.2	857.4	827.2	30.20	28.389	
5,500.0	5,395.0	5,400.7	5,395.6	20.9	10.8	174.31	-84.9	5.2	877.9	847.2	30.68	28.615	
5,510.0	5,404.7	5,410.4	5,405.3	20.9	10.9	174.32	-84.9	5.2	880.3	849.6	30.74	28.641	
5,600.0	5,492.1	5,497.7	5,492.7	21.4	10.9	174.46	-84.9	5.2	902.0	870.7	31.24	28.872	
5,605.0	5,496.9	5,502.6	5,497.5	21.4	10.9	174.47	-84.9	5.2	903.2	871.9	31.27	28.885	
5,700.0	5,589.1	5,594.8	5,589.7	21.8	11.0	174.60	-84.9	5.2	926.1	894.3	31.80	29.120	
5,795.0	5,681.3	5,686.9	5,681.9	22.3	11.1	174.73	-84.9	5.2	948.9	916.6	32.33	29.348	
5,800.0	5,686.1	5,691.8	5,686.7	22.3	11.1	174.74	-84.9	5.2	950.1	917.8	32.36	29.360	
5,890.0	5,773.4	5,779.1	5,774.0	22.7	11.1	174.86	-84.9	5.2	971.8	939.0	32.87	29.568	
5,900.0	5,783.1	5,788.8	5,783.7	22.8	11.1	174.87	-84.9	5.2	974.2	941.3	32.92	29.591	
5,985.0	5,865.6	5,871.3	5,866.2	23.2	11.2	174.98	-84.9	5.2	994.7	961.3	33.40	29.781	
6,000.0	5,880.2	5,885.9	5,880.8	23.3	11.2	174.99	-84.9	5.2	998.4	964.9	33.49	29.814	
6,080.0	5,957.8	5,963.5	5,958.4	23.7	11.3	175.09	-84.9	5.2	1,017.6	983.7	33.94	29.988	
6,100.0	5,977.2	5,982.9	5,977.8	23.8	11.3	175.11	-84.9	5.2	1,022.5	988.4	34.05	30.030	
6,175.0	6,050.0	6,055.7	6,050.6	24.1	11.3	175.20	-84.9	5.2	1,040.5	1,006.1	34.47	30.187	
6,200.0	6,074.2	6,079.9	6,074.8	24.2	11.3	175.23	-84.9	5.2	1,046.6	1,012.0	34.61	30.239	
6,270.0	6,142.1	6,147.8	6,142.7	24.6	11.4	175.30	-84.9	5.2	1,063.5	1,028.5	35.00	30.381	
6,300.0	6,171.3	6,176.9	6,171.9	24.7	11.4	175.33	-84.9	5.2	1,070.7	1,035.5	35.17	30.441	
6,365.0	6,234.3	6,240.0	6,234.9	25.0	11.5	175.40	-84.9	5.2	1,086.4	1,050.8	35.54	30.568	
6,400.0	6,268.3	6,274.0	6,268.9	25.2	11.5	175.44	-84.9	5.2	1,094.8	1,059.1	35.74	30.636	
6,460.0	6,326.5	6,332.2	6,327.1	25.5	11.5	175.50	-84.9	5.2	1,109.3	1,073.2	36.07	30.750	
6,500.0	6,365.3	6,371.0	6,365.9	25.7	11.6	175.53	-84.9	5.2	1,118.9	1,082.6	36.30	30.825	
6,555.0	6,418.7	6,424.4	6,419.3	25.9	11.6	175.59	-84.9	5.2	1,132.2	1,095.6	36.61	30.927	
6,600.0	6,462.3	6,468.0	6,462.9	26.2	11.6	175.63	-84.9	5.2	1,143.1	1,106.2	36.86	31.009	
6,650.0	6,510.9	6,516.5	6,511.5	26.4	11.7	175.67	-84.9	5.2	1,155.1	1,118.0	37.14	31.098	
6,700.0	6,559.4	6,565.1	6,560.0	26.6	11.7	175.72	-84.9	5.2	1,167.2	1,129.8	37.43	31.186	
6,745.0	6,603.0	6,608.7	6,603.6	26.9	11.7	175.76	-84.9	5.2	1,178.0	1,140.4	37.68	31.264	
6,800.0	6,656.4	6,662.1	6,657.0	27.1	11.8	175.81	-84.9	5.2	1,191.3	1,153.3	37.99	31.358	
6,840.0	6,695.2	6,700.9	6,695.8	27.3	11.8	175.84	-84.9	5.2	1,201.0	1,162.8	38.22	31.426	
6,900.0	6,753.4	6,759.1	6,754.0	27.6	11.8	175.89	-84.9	5.2	1,215.5	1,176.9	38.55	31.526	
6,935.0	6,787.4	6,793.1	6,788.0	27.8	11.9	175.92	-84.9	5.2	1,223.9	1,185.1	38.75	31.583	
7,000.0	6,850.5	6,856.1	6,851.1	28.1	11.9	175.97	-84.9	5.2	1,239.6	1,200.5	39.12	31.688	
7,030.0	6,879.6	6,885.3	6,880.2	28.2	11.9	175.99	-84.9	5.2	1,246.8	1,207.5	39.29	31.735	
7,100.0	6,947.5	6,953.2	6,948.1	28.6	12.0	176.05	-84.9	5.2	1,263.7	1,224.0	39.68	31.845	
7,125.0	6,971.7	6,977.4	6,972.3	28.7	12.0	176.07	-84.9	5.2	1,269.8	1,229.9	39.82	31.884	
7,200.0	7,044.5	7,050.2	7,045.1	29.1	12.1	176.12	-84.9	5.2	1,287.9	1,247.6	40.25	31.998	
7,220.0	7,063.9	7,069.6	7,064.5	29.2	12.1	176.14	-84.9	5.2	1,292.7	1,252.3	40.36	32.028	
7,300.0	7,141.5	7,147.2	7,142.1	29.5	12.1	176.19	-84.9	5.2	1,312.0	1,271.2	40.81	32.147	
7,315.0	7,156.1	7,161.8	7,156.7	29.6	12.1	176.20	-84.9	5.2	1,315.6	1,274.7	40.90	32.169	

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	1.1	1.1	3.0	3.0	-90.21	-0.4	-120.1	120.2				
95.0	95.0	96.1	96.1	3.0	3.0	-90.21	-0.4	-120.1	120.2	114.1	6.04	19.904	
100.0	100.0	101.1	101.1	3.0	3.0	-90.21	-0.4	-120.1	120.2	114.1	6.04	19.887	
190.0	190.0	191.1	191.1	3.1	3.1	-90.21	-0.4	-120.1	120.2	113.9	6.25	19.212	
200.0	200.0	201.1	201.1	3.1	3.1	-90.21	-0.4	-120.1	120.2	113.9	6.29	19.110	
285.0	285.0	286.1	286.1	3.3	3.3	-90.21	-0.4	-120.1	120.2	113.7	6.48	18.529	
300.0	300.0	301.1	301.1	3.3	3.3	-90.21	-0.4	-120.1	120.2	113.6	6.52	18.418	
380.0	380.0	381.1	381.1	3.4	3.4	-90.21	-0.4	-120.1	120.2	113.4	6.70	17.924	
400.0	400.0	401.1	401.1	3.4	3.4	-90.21	-0.4	-120.1	120.2	113.4	6.75	17.796	
475.0	475.0	476.1	476.1	3.5	3.5	-90.21	-0.4	-120.1	120.2	113.2	6.91	17.376	
500.0	500.0	501.1	501.1	3.5	3.5	-90.21	-0.4	-120.1	120.2	113.2	6.97	17.234	
570.0	570.0	571.1	571.1	3.6	3.6	-90.21	-0.4	-120.1	120.2	113.0	7.12	16.876	
600.0	600.0	601.1	601.1	3.6	3.6	-90.21	-0.4	-120.1	120.2	113.0	7.19	16.721	
665.0	665.0	666.1	666.1	3.7	3.7	-90.21	-0.4	-120.1	120.2	112.8	7.32	16.416	
700.0	700.0	701.1	701.1	3.8	3.8	-90.21	-0.4	-120.1	120.2	112.8	7.39	16.252	
760.0	760.0	761.1	761.1	3.8	3.8	-90.21	-0.4	-120.1	120.2	112.6	7.51	15.992	
800.0	800.0	801.1	801.1	3.9	3.9	-90.21	-0.4	-120.1	120.2	112.6	7.59	15.820	
855.0	855.0	856.1	856.1	4.0	4.0	-90.21	-0.4	-120.1	120.2	112.4	7.70	15.600	
900.0	900.0	901.1	901.1	4.0	4.0	-90.21	-0.4	-120.1	120.2	112.4	7.79	15.421	
950.0	950.0	951.1	951.1	4.1	4.1	-90.21	-0.4	-120.1	120.2	112.3	7.89	15.235	
1,000.0	1,000.0	1,001.1	1,001.1	4.1	4.1	-90.21	-0.4	-120.1	120.2	112.2	7.98	15.050	
1,045.0	1,045.0	1,046.1	1,046.1	4.2	4.2	-90.21	-0.4	-120.1	120.2	112.1	8.07	14.894	
1,100.0	1,100.0	1,101.1	1,101.1	4.2	4.2	-90.21	-0.4	-120.1	120.2	112.0	8.17	14.705	
1,140.0	1,140.0	1,141.1	1,141.1	4.3	4.3	-90.21	-0.4	-120.1	120.2	111.9	8.24	14.576	
1,200.0	1,200.0	1,201.1	1,201.1	4.4	4.4	-90.21	-0.4	-120.1	120.2	111.8	8.35	14.383	
1,235.0	1,235.0	1,236.1	1,236.1	4.4	4.4	-90.21	-0.4	-120.1	120.2	111.7	8.42	14.277	
1,300.0	1,300.0	1,301.1	1,301.1	4.5	4.5	-90.21	-0.4	-120.1	120.2	111.6	8.53	14.081	
1,330.0	1,330.0	1,331.1	1,331.1	4.5	4.5	-90.21	-0.4	-120.1	120.2	111.6	8.58	13.995	
1,400.0	1,400.0	1,401.1	1,401.1	4.6	4.6	-90.21	-0.4	-120.1	120.2	111.4	8.71	13.798	
1,425.0	1,425.0	1,426.1	1,426.1	4.6	4.6	-90.21	-0.4	-120.1	120.2	111.4	8.75	13.730	
1,437.1	1,437.1	1,438.2	1,438.2	4.6	4.6	-90.21	-0.4	-120.1	120.2	111.4	8.77	13.698	CC
1,500.0	1,500.0	1,500.0	1,500.0	4.7	4.7	-90.21	-0.4	-120.1	120.2	111.3	8.88	13.533	ES
1,520.0	1,520.0	1,520.3	1,520.3	4.7	4.7	176.75	-0.4	-120.2	120.3	111.3	8.95	13.433	
1,600.0	1,600.0	1,597.0	1,597.0	4.8	4.8	176.62	-0.8	-121.7	123.6	114.3	9.25	13.354	SF
1,615.0	1,615.0	1,611.4	1,611.3	4.8	4.8	176.58	-0.9	-122.3	124.7	115.3	9.33	13.362	
1,700.0	1,699.8	1,692.3	1,692.2	5.0	5.0	176.27	-1.9	-126.4	133.7	123.9	9.78	13.666	
1,710.0	1,709.8	1,700.0	1,699.8	5.0	5.0	176.23	-2.0	-126.9	135.1	125.3	9.83	13.748	
1,800.0	1,799.5	1,786.4	1,785.9	5.2	5.2	175.78	-3.7	-134.1	150.5	140.1	10.33	14.567	
1,805.0	1,804.4	1,791.0	1,790.5	5.2	5.2	175.76	-3.8	-134.5	151.5	141.1	10.36	14.626	
1,900.0	1,898.7	1,883.1	1,882.1	5.5	5.4	175.32	-6.1	-143.9	172.7	161.8	10.85	15.908	
1,995.0	1,992.5	1,975.0	1,973.5	5.8	5.6	175.04	-8.3	-153.2	196.9	185.6	11.38	17.311	
2,000.0	1,997.5	1,979.8	1,978.3	5.9	5.6	175.02	-8.4	-153.7	198.3	186.9	11.40	17.388	
2,090.0	2,085.8	2,066.0	2,064.0	6.2	5.9	174.87	-10.5	-162.5	224.2	212.3	11.93	18.800	
2,100.0	2,095.6	2,075.5	2,073.4	6.2	5.9	174.86	-10.7	-163.4	227.3	215.3	11.98	18.963	
2,185.0	2,178.5	2,156.0	2,153.5	6.5	6.1	174.80	-12.7	-171.6	254.5	242.0	12.50	20.358	
2,200.0	2,193.1	2,170.2	2,167.6	6.6	6.1	174.79	-13.0	-173.1	259.5	247.0	12.59	20.611	
2,280.0	2,270.7	2,245.4	2,242.4	6.8	6.3	174.81	-14.8	-180.7	286.7	273.6	13.04	21.976	
2,300.0	2,290.1	2,264.2	2,261.1	6.9	6.4	174.82	-15.3	-182.6	293.5	280.3	13.16	22.301	
2,375.0	2,362.9	2,334.8	2,331.3	7.1	6.6	174.83	-17.0	-189.8	318.9	305.3	13.60	23.446	
2,400.0	2,387.1	2,358.3	2,354.7	7.2	6.7	174.83	-17.6	-192.2	327.4	313.6	13.75	23.808	
2,470.0	2,455.0	2,424.1	2,420.2	7.5	6.9	174.85	-19.2	-198.9	351.1	336.9	14.18	24.758	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	2,484.1	2,452.4	2,448.2	7.6	7.0	174.85	-19.8	-201.7	361.3	346.9	14.37	25.144	
2,565.0	2,547.2	2,513.5	2,509.1	7.8	7.1	174.86	-21.3	-208.0	383.3	368.5	14.78	25.929	
2,600.0	2,581.2	2,546.4	2,541.8	7.9	7.2	174.86	-22.1	-211.3	395.2	380.2	15.01	26.330	
2,660.0	2,639.4	2,602.9	2,597.9	8.2	7.4	174.87	-23.5	-217.1	415.6	400.1	15.41	26.975	
2,700.0	2,678.2	2,640.5	2,635.4	8.3	7.5	174.88	-24.4	-220.9	429.1	413.4	15.67	27.382	
2,755.0	2,731.6	2,692.2	2,686.8	8.5	7.7	174.88	-25.6	-226.1	447.8	431.7	16.04	27.910	
2,800.0	2,775.2	2,734.6	2,728.9	8.7	7.9	174.88	-26.7	-230.4	463.0	446.7	16.35	28.319	
2,850.0	2,823.7	2,781.6	2,775.7	8.9	8.0	174.89	-27.8	-235.2	480.0	463.3	16.70	28.747	
2,900.0	2,872.3	2,828.6	2,822.5	9.1	8.2	174.89	-28.9	-240.0	497.0	479.9	17.05	29.154	
2,945.0	2,915.9	2,871.0	2,864.6	9.3	8.3	174.90	-30.0	-244.3	512.2	494.9	17.36	29.498	
3,000.0	2,969.3	2,922.7	2,916.0	9.5	8.5	174.90	-31.2	-249.6	530.9	513.1	17.76	29.900	
3,040.0	3,008.1	2,960.4	2,953.4	9.7	8.6	174.90	-32.1	-253.4	544.4	526.4	18.04	30.174	
3,100.0	3,066.3	3,016.8	3,009.6	9.9	8.8	174.91	-33.5	-259.1	564.8	546.3	18.48	30.568	
3,135.0	3,100.3	3,049.7	3,042.3	10.1	8.9	174.91	-34.3	-262.5	576.7	557.9	18.73	30.784	
3,200.0	3,163.3	3,110.9	3,103.1	10.3	9.1	174.91	-35.8	-268.7	598.7	579.5	19.21	31.169	
3,230.0	3,192.5	3,139.1	3,131.2	10.5	9.2	174.91	-36.4	-271.6	608.9	589.5	19.43	31.336	
3,300.0	3,260.4	3,204.9	3,196.7	10.8	9.5	174.92	-38.0	-278.3	632.6	612.7	19.95	31.710	
3,325.0	3,284.6	3,228.5	3,220.1	10.9	9.6	174.92	-38.6	-280.7	641.1	621.0	20.14	31.836	
3,400.0	3,357.4	3,299.0	3,290.3	11.2	9.8	174.92	-40.3	-287.8	666.5	645.8	20.70	32.199	
3,420.0	3,376.8	3,317.8	3,309.0	11.3	9.9	174.92	-40.8	-289.7	673.3	652.5	20.85	32.290	
3,500.0	3,454.4	3,393.1	3,383.8	11.6	10.2	174.93	-42.6	-297.4	700.5	679.0	21.46	32.642	
3,515.0	3,469.0	3,407.2	3,397.8	11.7	10.2	174.93	-42.9	-298.8	705.5	684.0	21.57	32.704	
3,600.0	3,551.5	3,487.2	3,477.4	12.1	10.5	174.93	-44.9	-307.0	734.4	712.2	22.22	33.044	
3,610.0	3,561.2	3,496.6	3,486.7	12.1	10.5	174.93	-45.1	-307.9	737.8	715.5	22.30	33.082	
3,700.0	3,648.5	3,581.2	3,570.9	12.5	10.8	174.93	-47.1	-316.5	768.3	745.3	23.00	33.411	
3,705.0	3,653.3	3,585.9	3,575.6	12.5	10.9	174.93	-47.2	-317.0	770.0	747.0	23.03	33.428	
3,800.0	3,745.5	3,675.3	3,664.5	13.0	11.2	174.94	-49.4	-326.1	802.2	778.4	23.77	33.745	
3,895.0	3,837.7	3,764.7	3,753.4	13.4	11.5	174.94	-51.6	-335.2	834.4	809.9	24.52	34.037	
3,900.0	3,842.6	3,769.4	3,758.0	13.4	11.5	174.94	-51.7	-335.7	836.1	811.6	24.55	34.052	
3,990.0	3,929.9	3,854.0	3,842.2	13.8	11.9	174.94	-53.7	-344.3	866.7	841.4	25.26	34.306	
4,000.0	3,939.6	3,863.4	3,851.6	13.9	11.9	174.94	-54.0	-345.2	870.0	844.7	25.34	34.333	
4,085.0	4,022.1	3,943.4	3,931.1	14.3	12.2	174.94	-55.9	-353.4	898.9	872.9	26.01	34.554	
4,100.0	4,036.6	3,957.5	3,945.2	14.3	12.2	174.94	-56.2	-354.8	904.0	877.8	26.13	34.592	
4,180.0	4,114.2	4,032.8	4,020.0	14.7	12.5	174.94	-58.0	-362.4	931.1	904.3	26.77	34.784	
4,200.0	4,133.6	4,051.6	4,038.7	14.8	12.6	174.95	-58.5	-364.4	937.9	911.0	26.93	34.830	
4,275.0	4,206.4	4,122.1	4,108.9	15.1	12.9	174.95	-60.2	-371.5	963.3	935.8	27.53	34.997	
4,300.0	4,230.7	4,145.7	4,132.3	15.2	13.0	174.95	-60.8	-373.9	971.8	944.1	27.73	35.051	
4,370.0	4,298.6	4,211.5	4,197.8	15.6	13.2	174.95	-62.4	-380.6	995.5	967.3	28.29	35.195	
4,400.0	4,327.7	4,239.7	4,225.8	15.7	13.3	174.95	-63.0	-383.5	1,005.7	977.2	28.53	35.255	
4,465.0	4,390.8	4,300.9	4,286.6	16.0	13.6	174.95	-64.5	-389.7	1,027.8	998.7	29.05	35.379	
4,500.0	4,424.7	4,333.8	4,319.4	16.2	13.7	174.95	-65.3	-393.1	1,039.6	1,010.3	29.33	35.444	
4,560.0	4,482.9	4,390.3	4,375.5	16.5	13.9	174.95	-66.7	-398.8	1,060.0	1,030.2	29.82	35.551	
4,600.0	4,521.8	4,427.9	4,412.9	16.6	14.0	174.95	-67.6	-402.6	1,073.5	1,043.4	30.14	35.620	
4,655.0	4,575.1	4,479.6	4,464.4	16.9	14.2	174.95	-68.8	-407.9	1,092.2	1,061.6	30.58	35.711	
4,700.0	4,618.8	4,522.0	4,506.5	17.1	14.4	174.95	-69.9	-412.2	1,107.5	1,076.5	30.95	35.784	
4,750.0	4,667.3	4,569.0	4,553.3	17.3	14.6	174.95	-71.0	-417.0	1,124.4	1,093.1	31.35	35.861	
4,800.0	4,715.8	4,616.0	4,600.1	17.6	14.8	174.96	-72.1	-421.7	1,141.4	1,109.6	31.76	35.936	
4,845.0	4,759.5	4,658.4	4,642.2	17.8	14.9	174.96	-73.2	-426.1	1,156.6	1,124.5	32.13	36.002	
4,900.0	4,812.8	4,710.1	4,693.6	18.0	15.1	174.96	-74.4	-431.3	1,175.3	1,142.7	32.58	36.079	
4,940.0	4,851.7	4,747.7	4,731.0	18.2	15.3	174.96	-75.3	-435.1	1,188.9	1,156.0	32.90	36.133	
5,000.0	4,909.9	4,804.2	4,787.2	18.5	15.5	174.96	-76.7	-440.9	1,209.2	1,175.8	33.39	36.213	

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 #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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	4,943.8	4,837.1	4,819.9	18.7	15.6	174.96	-77.5	-444.2	1,221.1	1,187.4	33.68	36.257	
5,100.0	5,006.9	4,898.2	4,880.7	19.0	15.9	174.96	-79.0	-450.4	1,243.1	1,208.9	34.21	36.338	
5,130.0	5,036.0	4,926.5	4,908.8	19.1	16.0	174.96	-79.7	-453.3	1,253.3	1,218.9	34.45	36.383	
5,200.0	5,103.9	5,008.1	4,990.0	19.5	16.3	174.97	-81.5	-461.2	1,276.7	1,241.6	35.13	36.346	
5,225.0	5,128.2	5,038.3	5,020.1	19.6	16.4	174.97	-82.1	-463.8	1,284.8	1,249.5	35.38	36.315	
5,300.0	5,201.0	5,129.8	5,111.3	19.9	16.7	174.99	-83.8	-470.8	1,308.5	1,272.3	36.13	36.212	
5,320.0	5,220.4	5,154.3	5,135.8	20.0	16.8	175.00	-84.2	-472.4	1,314.6	1,278.3	36.33	36.183	

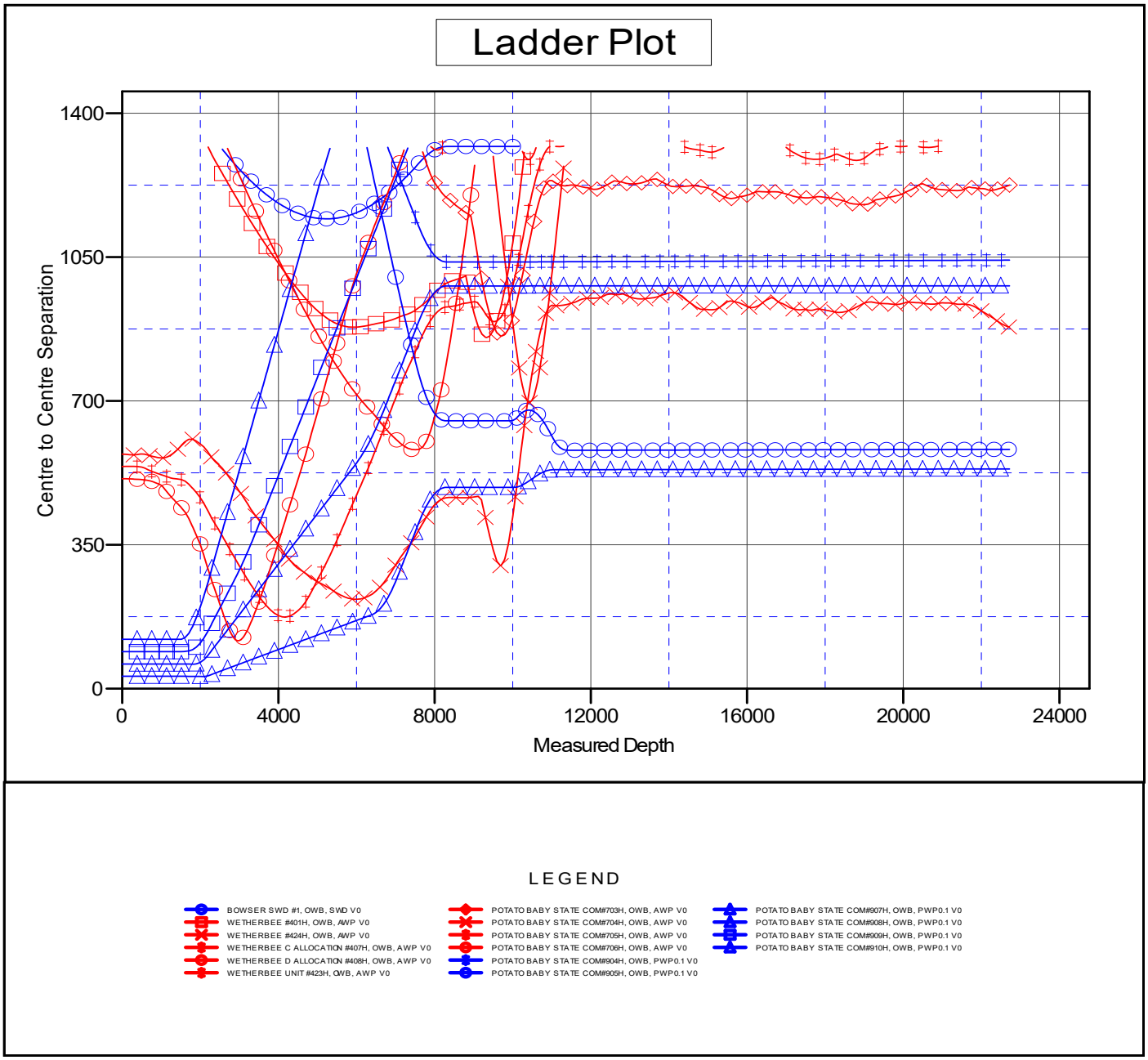
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 3072.5ft @ 3104.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: POTATO BABY STATE COM #906H
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

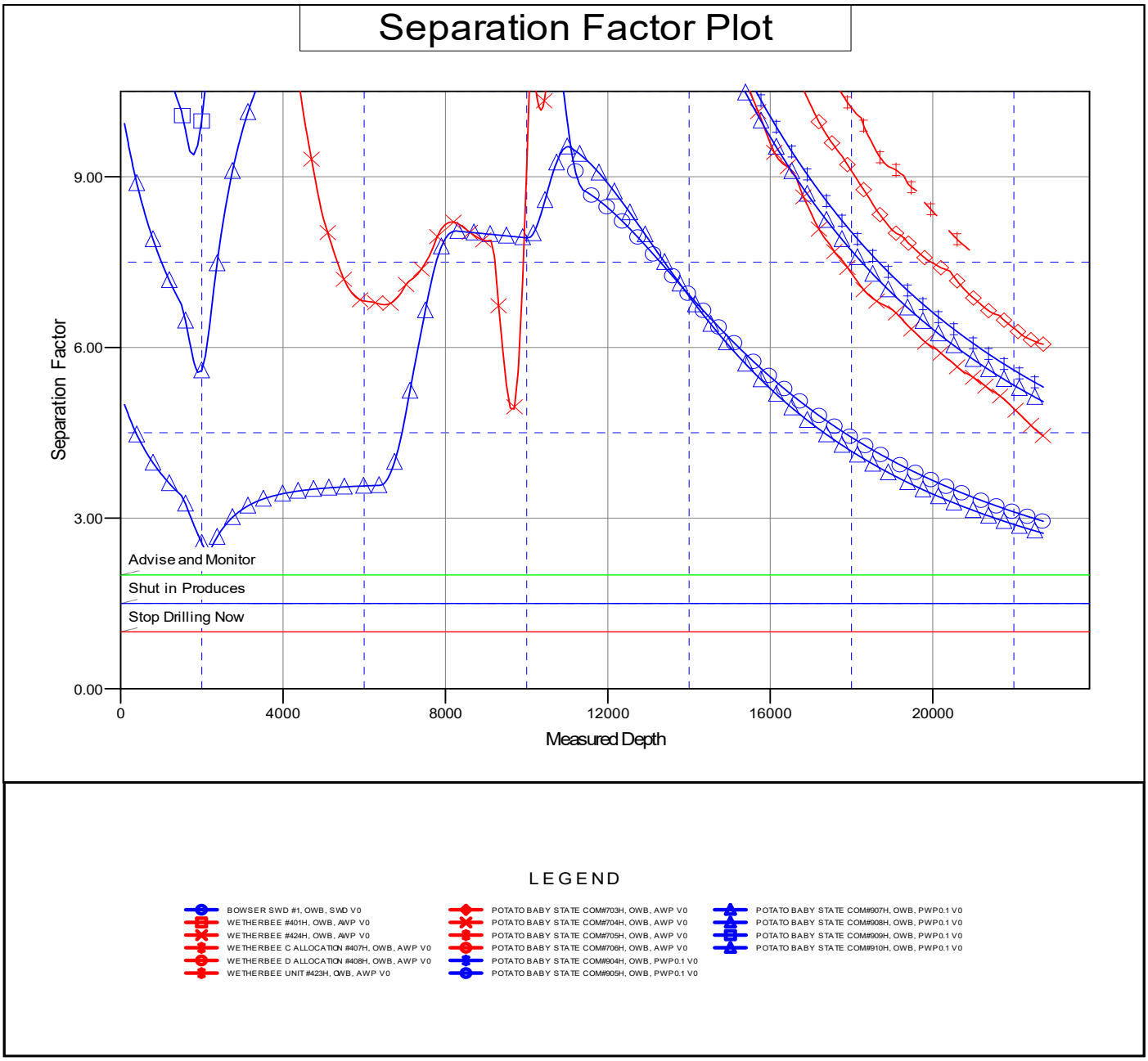
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Reference Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	POTATO BABY STATE COM #906H	**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 3072.5ft @ 3104.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: POTATO BABY STATE COM #906H
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 #906H

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 #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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 #906H				
Well Position	**+N/-S**	367.1 usft	**Northing:**	364,183.95 usft	**Latitude:**	32° 0' 3.610 N
	+E/-W	987.1 usft	**Easting:**	578,458.45 usft	**Longitude:**	104° 4' 48.845 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,072.5 usft

Wellbore	OWB				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2022	12/1/2023	6.59	59.52	47,285.04147252

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	6.77

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

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	1,500.0	PWP0.1 (OWB)	r.5 SDI_KPR_WL_NS-CT SDI Keeper Wireline Gyrocomp	
2	1,500.0	10,135.4	PWP0.1 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	
3	10,135.4	22,723.5	PWP0.1 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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	
2,200.0	14.00	93.04	2,193.1	-4.5	85.0	2.00	2.00	0.00	93.04	
7,602.3	14.00	93.04	7,434.9	-73.8	1,390.1	0.00	0.00	0.00	0.00	
8,302.4	0.00	0.00	8,128.0	-78.3	1,475.1	2.00	-2.00	0.00	180.00	
10,135.4	0.00	0.00	9,961.0	-78.3	1,475.1	0.00	0.00	0.00	0.00	
11,033.2	89.78	359.87	10,534.0	492.4	1,473.8	10.00	10.00	-0.01	359.87	
22,593.5	89.78	359.87	10,578.5	12,052.6	1,447.6	0.00	0.00	0.00	0.00	LTP (POTATO BABY
22,723.5	89.78	359.87	10,579.0	12,182.6	1,447.3	0.00	0.00	0.00	0.00	BHL (POTATO BABY

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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	93.04	1,600.0	-0.1	1.7	0.1	2.00	2.00	0.00
1,700.0	4.00	93.04	1,699.8	-0.4	7.0	0.5	2.00	2.00	0.00
1,800.0	6.00	93.04	1,799.5	-0.8	15.7	1.0	2.00	2.00	0.00
1,900.0	8.00	93.04	1,898.7	-1.5	27.8	1.8	2.00	2.00	0.00
2,000.0	10.00	93.04	1,997.5	-2.3	43.5	2.8	2.00	2.00	0.00
2,100.0	12.00	93.04	2,095.6	-3.3	62.5	4.1	2.00	2.00	0.00
2,200.0	14.00	93.04	2,193.1	-4.5	85.0	5.5	2.00	2.00	0.00
Start 5402.3 hold at 2200.0 MD									
2,300.0	14.00	93.04	2,290.1	-5.8	109.1	7.1	0.00	0.00	0.00
2,400.0	14.00	93.04	2,387.1	-7.1	133.3	8.7	0.00	0.00	0.00
2,500.0	14.00	93.04	2,484.1	-8.4	157.5	10.3	0.00	0.00	0.00
2,600.0	14.00	93.04	2,581.2	-9.6	181.6	11.8	0.00	0.00	0.00
2,700.0	14.00	93.04	2,678.2	-10.9	205.8	13.4	0.00	0.00	0.00
2,800.0	14.00	93.04	2,775.2	-12.2	229.9	15.0	0.00	0.00	0.00
2,900.0	14.00	93.04	2,872.3	-13.5	254.1	16.6	0.00	0.00	0.00
3,000.0	14.00	93.04	2,969.3	-14.8	278.3	18.1	0.00	0.00	0.00
3,100.0	14.00	93.04	3,066.3	-16.1	302.4	19.7	0.00	0.00	0.00
3,200.0	14.00	93.04	3,163.3	-17.3	326.6	21.3	0.00	0.00	0.00
3,300.0	14.00	93.04	3,260.4	-18.6	350.7	22.9	0.00	0.00	0.00
3,400.0	14.00	93.04	3,357.4	-19.9	374.9	24.5	0.00	0.00	0.00
3,500.0	14.00	93.04	3,454.4	-21.2	399.0	26.0	0.00	0.00	0.00
3,600.0	14.00	93.04	3,551.5	-22.5	423.2	27.6	0.00	0.00	0.00
3,700.0	14.00	93.04	3,648.5	-23.8	447.4	29.2	0.00	0.00	0.00
3,800.0	14.00	93.04	3,745.5	-25.0	471.5	30.8	0.00	0.00	0.00
3,900.0	14.00	93.04	3,842.6	-26.3	495.7	32.3	0.00	0.00	0.00
4,000.0	14.00	93.04	3,939.6	-27.6	519.8	33.9	0.00	0.00	0.00
4,100.0	14.00	93.04	4,036.6	-28.9	544.0	35.5	0.00	0.00	0.00
4,200.0	14.00	93.04	4,133.6	-30.2	568.2	37.1	0.00	0.00	0.00
4,300.0	14.00	93.04	4,230.7	-31.5	592.3	38.6	0.00	0.00	0.00
4,400.0	14.00	93.04	4,327.7	-32.7	616.5	40.2	0.00	0.00	0.00
4,500.0	14.00	93.04	4,424.7	-34.0	640.6	41.8	0.00	0.00	0.00
4,600.0	14.00	93.04	4,521.8	-35.3	664.8	43.4	0.00	0.00	0.00
4,700.0	14.00	93.04	4,618.8	-36.6	689.0	44.9	0.00	0.00	0.00
4,800.0	14.00	93.04	4,715.8	-37.9	713.1	46.5	0.00	0.00	0.00
4,900.0	14.00	93.04	4,812.8	-39.1	737.3	48.1	0.00	0.00	0.00
5,000.0	14.00	93.04	4,909.9	-40.4	761.4	49.7	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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	14.00	93.04	5,006.9	-41.7	785.6	51.2	0.00	0.00	0.00
5,200.0	14.00	93.04	5,103.9	-43.0	809.8	52.8	0.00	0.00	0.00
5,300.0	14.00	93.04	5,201.0	-44.3	833.9	54.4	0.00	0.00	0.00
5,400.0	14.00	93.04	5,298.0	-45.6	858.1	56.0	0.00	0.00	0.00
5,500.0	14.00	93.04	5,395.0	-46.8	882.2	57.5	0.00	0.00	0.00
5,600.0	14.00	93.04	5,492.1	-48.1	906.4	59.1	0.00	0.00	0.00
5,700.0	14.00	93.04	5,589.1	-49.4	930.6	60.7	0.00	0.00	0.00
5,800.0	14.00	93.04	5,686.1	-50.7	954.7	62.3	0.00	0.00	0.00
5,900.0	14.00	93.04	5,783.1	-52.0	978.9	63.8	0.00	0.00	0.00
6,000.0	14.00	93.04	5,880.2	-53.3	1,003.0	65.4	0.00	0.00	0.00
6,100.0	14.00	93.04	5,977.2	-54.5	1,027.2	67.0	0.00	0.00	0.00
6,200.0	14.00	93.04	6,074.2	-55.8	1,051.3	68.6	0.00	0.00	0.00
6,300.0	14.00	93.04	6,171.3	-57.1	1,075.5	70.1	0.00	0.00	0.00
6,400.0	14.00	93.04	6,268.3	-58.4	1,099.7	71.7	0.00	0.00	0.00
6,500.0	14.00	93.04	6,365.3	-59.7	1,123.8	73.3	0.00	0.00	0.00
6,600.0	14.00	93.04	6,462.3	-61.0	1,148.0	74.9	0.00	0.00	0.00
6,700.0	14.00	93.04	6,559.4	-62.2	1,172.1	76.5	0.00	0.00	0.00
6,800.0	14.00	93.04	6,656.4	-63.5	1,196.3	78.0	0.00	0.00	0.00
6,900.0	14.00	93.04	6,753.4	-64.8	1,220.5	79.6	0.00	0.00	0.00
7,000.0	14.00	93.04	6,850.5	-66.1	1,244.6	81.2	0.00	0.00	0.00
7,100.0	14.00	93.04	6,947.5	-67.4	1,268.8	82.8	0.00	0.00	0.00
7,200.0	14.00	93.04	7,044.5	-68.7	1,292.9	84.3	0.00	0.00	0.00
7,300.0	14.00	93.04	7,141.5	-69.9	1,317.1	85.9	0.00	0.00	0.00
7,400.0	14.00	93.04	7,238.6	-71.2	1,341.3	87.5	0.00	0.00	0.00
7,500.0	14.00	93.04	7,335.6	-72.5	1,365.4	89.1	0.00	0.00	0.00
7,602.3	14.00	93.04	7,434.9	-73.8	1,390.1	90.7	0.00	0.00	0.00
Start Drop -2.00									
7,700.0	12.05	93.04	7,530.1	-75.0	1,412.1	92.1	2.00	-2.00	0.00
7,800.0	10.05	93.04	7,628.2	-76.0	1,431.3	93.4	2.00	-2.00	0.00
7,900.0	8.05	93.04	7,726.9	-76.8	1,447.0	94.4	2.00	-2.00	0.00
8,000.0	6.05	93.04	7,826.2	-77.5	1,459.2	95.2	2.00	-2.00	0.00
8,100.0	4.05	93.04	7,925.8	-78.0	1,468.0	95.7	2.00	-2.00	0.00
8,200.0	2.05	93.04	8,025.6	-78.2	1,473.3	96.1	2.00	-2.00	0.00
8,302.4	0.00	0.00	8,128.0	-78.3	1,475.1	96.2	2.00	-2.00	0.00
Start 1833.0 hold at 8302.4 MD									
8,400.0	0.00	0.00	8,225.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
8,500.0	0.00	0.00	8,325.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
8,600.0	0.00	0.00	8,425.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
8,700.0	0.00	0.00	8,525.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
8,800.0	0.00	0.00	8,625.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
8,900.0	0.00	0.00	8,725.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,000.0	0.00	0.00	8,825.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,100.0	0.00	0.00	8,925.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,200.0	0.00	0.00	9,025.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,300.0	0.00	0.00	9,125.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,400.0	0.00	0.00	9,225.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,500.0	0.00	0.00	9,325.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,600.0	0.00	0.00	9,425.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,700.0	0.00	0.00	9,525.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,800.0	0.00	0.00	9,625.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
9,900.0	0.00	0.00	9,725.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
10,000.0	0.00	0.00	9,825.6	-78.3	1,475.1	96.2	0.00	0.00	0.00
10,100.0	0.00	0.00	9,925.6	-78.3	1,475.1	96.2	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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)
10,135.4	0.00	0.00	9,961.0	-78.3	1,475.1	96.2	0.00	0.00	0.00
Start DLS 10.00 TFO 359.87									
10,150.0	1.46	359.87	9,975.6	-78.1	1,475.1	96.4	10.00	10.00	0.00
10,200.0	6.46	359.87	10,025.5	-74.7	1,475.1	99.8	10.00	10.00	0.00
10,250.0	11.46	359.87	10,074.9	-66.9	1,475.1	107.5	10.00	10.00	0.00
10,300.0	16.46	359.87	10,123.4	-54.9	1,475.1	119.5	10.00	10.00	0.00
10,350.0	21.46	359.87	10,170.6	-38.6	1,475.0	135.6	10.00	10.00	0.00
10,400.0	26.46	359.87	10,216.3	-18.3	1,475.0	155.8	10.00	10.00	0.00
10,450.0	31.46	359.87	10,260.1	5.9	1,474.9	179.8	10.00	10.00	0.00
10,500.0	36.46	359.87	10,301.5	33.8	1,474.9	207.5	10.00	10.00	0.00
10,550.0	41.46	359.87	10,340.4	65.2	1,474.8	238.7	10.00	10.00	0.00
10,600.0	46.46	359.87	10,376.4	99.9	1,474.7	273.2	10.00	10.00	0.00
10,650.0	51.46	359.87	10,409.2	137.6	1,474.6	310.6	10.00	10.00	0.00
10,700.0	56.46	359.87	10,438.6	178.0	1,474.5	350.7	10.00	10.00	0.00
10,750.0	61.46	359.87	10,464.4	220.9	1,474.5	393.2	10.00	10.00	0.00
10,800.0	66.46	359.87	10,486.3	265.8	1,474.3	437.8	10.00	10.00	0.00
10,850.0	71.46	359.87	10,504.3	312.4	1,474.2	484.1	10.00	10.00	0.00
10,900.0	76.46	359.87	10,518.1	360.5	1,474.1	531.8	10.00	10.00	0.00
10,950.0	81.46	359.87	10,527.6	409.5	1,474.0	580.5	10.00	10.00	0.00
11,000.0	86.46	359.87	10,532.9	459.2	1,473.9	629.9	10.00	10.00	0.00
11,033.2	89.78	359.87	10,534.0	492.4	1,473.8	662.8	10.00	10.00	0.00
Start 11560.3 hold at 11033.2 MD									
11,100.0	89.78	359.87	10,534.3	559.2	1,473.7	729.1	0.00	0.00	0.00
11,200.0	89.78	359.87	10,534.6	659.2	1,473.5	828.4	0.00	0.00	0.00
11,300.0	89.78	359.87	10,535.0	759.2	1,473.2	927.7	0.00	0.00	0.00
11,400.0	89.78	359.87	10,535.4	859.2	1,473.0	1,026.9	0.00	0.00	0.00
11,500.0	89.78	359.87	10,535.8	959.2	1,472.8	1,126.2	0.00	0.00	0.00
11,600.0	89.78	359.87	10,536.2	1,059.2	1,472.6	1,225.5	0.00	0.00	0.00
11,700.0	89.78	359.87	10,536.6	1,159.2	1,472.3	1,324.8	0.00	0.00	0.00
11,800.0	89.78	359.87	10,537.0	1,259.2	1,472.1	1,424.0	0.00	0.00	0.00
11,900.0	89.78	359.87	10,537.3	1,359.2	1,471.9	1,523.3	0.00	0.00	0.00
12,000.0	89.78	359.87	10,537.7	1,459.2	1,471.6	1,622.6	0.00	0.00	0.00
12,100.0	89.78	359.87	10,538.1	1,559.2	1,471.4	1,721.9	0.00	0.00	0.00
12,200.0	89.78	359.87	10,538.5	1,659.2	1,471.2	1,821.1	0.00	0.00	0.00
12,300.0	89.78	359.87	10,538.9	1,759.2	1,471.0	1,920.4	0.00	0.00	0.00
12,400.0	89.78	359.87	10,539.3	1,859.2	1,470.7	2,019.7	0.00	0.00	0.00
12,500.0	89.78	359.87	10,539.6	1,959.2	1,470.5	2,119.0	0.00	0.00	0.00
12,600.0	89.78	359.87	10,540.0	2,059.2	1,470.3	2,218.2	0.00	0.00	0.00
12,700.0	89.78	359.87	10,540.4	2,159.2	1,470.1	2,317.5	0.00	0.00	0.00
12,800.0	89.78	359.87	10,540.8	2,259.2	1,469.8	2,416.8	0.00	0.00	0.00
12,900.0	89.78	359.87	10,541.2	2,359.2	1,469.6	2,516.1	0.00	0.00	0.00
13,000.0	89.78	359.87	10,541.6	2,459.2	1,469.4	2,615.3	0.00	0.00	0.00
13,100.0	89.78	359.87	10,542.0	2,559.2	1,469.2	2,714.6	0.00	0.00	0.00
13,200.0	89.78	359.87	10,542.3	2,659.2	1,468.9	2,813.9	0.00	0.00	0.00
13,300.0	89.78	359.87	10,542.7	2,759.2	1,468.7	2,913.2	0.00	0.00	0.00
13,400.0	89.78	359.87	10,543.1	2,859.2	1,468.5	3,012.4	0.00	0.00	0.00
13,500.0	89.78	359.87	10,543.5	2,959.2	1,468.2	3,111.7	0.00	0.00	0.00
13,600.0	89.78	359.87	10,543.9	3,059.2	1,468.0	3,211.0	0.00	0.00	0.00
13,700.0	89.78	359.87	10,544.3	3,159.2	1,467.8	3,310.3	0.00	0.00	0.00
13,800.0	89.78	359.87	10,544.6	3,259.2	1,467.6	3,409.5	0.00	0.00	0.00
13,900.0	89.78	359.87	10,545.0	3,359.2	1,467.3	3,508.8	0.00	0.00	0.00
14,000.0	89.78	359.87	10,545.4	3,459.2	1,467.1	3,608.1	0.00	0.00	0.00
14,100.0	89.78	359.87	10,545.8	3,559.2	1,466.9	3,707.3	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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)
14,200.0	89.78	359.87	10,546.2	3,659.2	1,466.7	3,806.6	0.00	0.00	0.00
14,300.0	89.78	359.87	10,546.6	3,759.2	1,466.4	3,905.9	0.00	0.00	0.00
14,400.0	89.78	359.87	10,547.0	3,859.2	1,466.2	4,005.2	0.00	0.00	0.00
14,500.0	89.78	359.87	10,547.3	3,959.2	1,466.0	4,104.4	0.00	0.00	0.00
14,600.0	89.78	359.87	10,547.7	4,059.2	1,465.8	4,203.7	0.00	0.00	0.00
14,700.0	89.78	359.87	10,548.1	4,159.2	1,465.5	4,303.0	0.00	0.00	0.00
14,800.0	89.78	359.87	10,548.5	4,259.2	1,465.3	4,402.3	0.00	0.00	0.00
14,900.0	89.78	359.87	10,548.9	4,359.2	1,465.1	4,501.5	0.00	0.00	0.00
15,000.0	89.78	359.87	10,549.3	4,459.2	1,464.8	4,600.8	0.00	0.00	0.00
15,100.0	89.78	359.87	10,549.7	4,559.2	1,464.6	4,700.1	0.00	0.00	0.00
15,200.0	89.78	359.87	10,550.0	4,659.2	1,464.4	4,799.4	0.00	0.00	0.00
15,300.0	89.78	359.87	10,550.4	4,759.2	1,464.2	4,898.6	0.00	0.00	0.00
15,400.0	89.78	359.87	10,550.8	4,859.2	1,463.9	4,997.9	0.00	0.00	0.00
15,500.0	89.78	359.87	10,551.2	4,959.2	1,463.7	5,097.2	0.00	0.00	0.00
15,600.0	89.78	359.87	10,551.6	5,059.2	1,463.5	5,196.5	0.00	0.00	0.00
15,700.0	89.78	359.87	10,552.0	5,159.2	1,463.3	5,295.7	0.00	0.00	0.00
15,800.0	89.78	359.87	10,552.3	5,259.2	1,463.0	5,395.0	0.00	0.00	0.00
15,900.0	89.78	359.87	10,552.7	5,359.2	1,462.8	5,494.3	0.00	0.00	0.00
16,000.0	89.78	359.87	10,553.1	5,459.2	1,462.6	5,593.6	0.00	0.00	0.00
16,100.0	89.78	359.87	10,553.5	5,559.2	1,462.4	5,692.8	0.00	0.00	0.00
16,200.0	89.78	359.87	10,553.9	5,659.1	1,462.1	5,792.1	0.00	0.00	0.00
16,300.0	89.78	359.87	10,554.3	5,759.1	1,461.9	5,891.4	0.00	0.00	0.00
16,400.0	89.78	359.87	10,554.7	5,859.1	1,461.7	5,990.7	0.00	0.00	0.00
16,500.0	89.78	359.87	10,555.0	5,959.1	1,461.4	6,089.9	0.00	0.00	0.00
16,600.0	89.78	359.87	10,555.4	6,059.1	1,461.2	6,189.2	0.00	0.00	0.00
16,700.0	89.78	359.87	10,555.8	6,159.1	1,461.0	6,288.5	0.00	0.00	0.00
16,800.0	89.78	359.87	10,556.2	6,259.1	1,460.8	6,387.8	0.00	0.00	0.00
16,900.0	89.78	359.87	10,556.6	6,359.1	1,460.5	6,487.0	0.00	0.00	0.00
17,000.0	89.78	359.87	10,557.0	6,459.1	1,460.3	6,586.3	0.00	0.00	0.00
17,100.0	89.78	359.87	10,557.4	6,559.1	1,460.1	6,685.6	0.00	0.00	0.00
17,200.0	89.78	359.87	10,557.7	6,659.1	1,459.9	6,784.8	0.00	0.00	0.00
17,300.0	89.78	359.87	10,558.1	6,759.1	1,459.6	6,884.1	0.00	0.00	0.00
17,400.0	89.78	359.87	10,558.5	6,859.1	1,459.4	6,983.4	0.00	0.00	0.00
17,500.0	89.78	359.87	10,558.9	6,959.1	1,459.2	7,082.7	0.00	0.00	0.00
17,600.0	89.78	359.87	10,559.3	7,059.1	1,458.9	7,181.9	0.00	0.00	0.00
17,700.0	89.78	359.87	10,559.7	7,159.1	1,458.7	7,281.2	0.00	0.00	0.00
17,800.0	89.78	359.87	10,560.0	7,259.1	1,458.5	7,380.5	0.00	0.00	0.00
17,900.0	89.78	359.87	10,560.4	7,359.1	1,458.3	7,479.8	0.00	0.00	0.00
18,000.0	89.78	359.87	10,560.8	7,459.1	1,458.0	7,579.0	0.00	0.00	0.00
18,100.0	89.78	359.87	10,561.2	7,559.1	1,457.8	7,678.3	0.00	0.00	0.00
18,200.0	89.78	359.87	10,561.6	7,659.1	1,457.6	7,777.6	0.00	0.00	0.00
18,300.0	89.78	359.87	10,562.0	7,759.1	1,457.4	7,876.9	0.00	0.00	0.00
18,400.0	89.78	359.87	10,562.4	7,859.1	1,457.1	7,976.1	0.00	0.00	0.00
18,500.0	89.78	359.87	10,562.7	7,959.1	1,456.9	8,075.4	0.00	0.00	0.00
18,600.0	89.78	359.87	10,563.1	8,059.1	1,456.7	8,174.7	0.00	0.00	0.00
18,700.0	89.78	359.87	10,563.5	8,159.1	1,456.5	8,274.0	0.00	0.00	0.00
18,800.0	89.78	359.87	10,563.9	8,259.1	1,456.2	8,373.2	0.00	0.00	0.00
18,900.0	89.78	359.87	10,564.3	8,359.1	1,456.0	8,472.5	0.00	0.00	0.00
19,000.0	89.78	359.87	10,564.7	8,459.1	1,455.8	8,571.8	0.00	0.00	0.00
19,100.0	89.78	359.87	10,565.1	8,559.1	1,455.5	8,671.1	0.00	0.00	0.00
19,200.0	89.78	359.87	10,565.4	8,659.1	1,455.3	8,770.3	0.00	0.00	0.00
19,300.0	89.78	359.87	10,565.8	8,759.1	1,455.1	8,869.6	0.00	0.00	0.00
19,400.0	89.78	359.87	10,566.2	8,859.1	1,454.9	8,968.9	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 #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**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)
19,500.0	89.78	359.87	10,566.6	8,959.1	1,454.6	9,068.2	0.00	0.00	0.00
19,600.0	89.78	359.87	10,567.0	9,059.1	1,454.4	9,167.4	0.00	0.00	0.00
19,700.0	89.78	359.87	10,567.4	9,159.1	1,454.2	9,266.7	0.00	0.00	0.00
19,800.0	89.78	359.87	10,567.7	9,259.1	1,454.0	9,366.0	0.00	0.00	0.00
19,900.0	89.78	359.87	10,568.1	9,359.1	1,453.7	9,465.3	0.00	0.00	0.00
20,000.0	89.78	359.87	10,568.5	9,459.1	1,453.5	9,564.5	0.00	0.00	0.00
20,100.0	89.78	359.87	10,568.9	9,559.1	1,453.3	9,663.8	0.00	0.00	0.00
20,200.0	89.78	359.87	10,569.3	9,659.1	1,453.1	9,763.1	0.00	0.00	0.00
20,300.0	89.78	359.87	10,569.7	9,759.1	1,452.8	9,862.3	0.00	0.00	0.00
20,400.0	89.78	359.87	10,570.1	9,859.1	1,452.6	9,961.6	0.00	0.00	0.00
20,500.0	89.78	359.87	10,570.4	9,959.1	1,452.4	10,060.9	0.00	0.00	0.00
20,600.0	89.78	359.87	10,570.8	10,059.1	1,452.1	10,160.2	0.00	0.00	0.00
20,700.0	89.78	359.87	10,571.2	10,159.1	1,451.9	10,259.4	0.00	0.00	0.00
20,800.0	89.78	359.87	10,571.6	10,259.1	1,451.7	10,358.7	0.00	0.00	0.00
20,900.0	89.78	359.87	10,572.0	10,359.1	1,451.5	10,458.0	0.00	0.00	0.00
21,000.0	89.78	359.87	10,572.4	10,459.1	1,451.2	10,557.3	0.00	0.00	0.00
21,100.0	89.78	359.87	10,572.8	10,559.1	1,451.0	10,656.5	0.00	0.00	0.00
21,200.0	89.78	359.87	10,573.1	10,659.1	1,450.8	10,755.8	0.00	0.00	0.00
21,300.0	89.78	359.87	10,573.5	10,759.1	1,450.6	10,855.1	0.00	0.00	0.00
21,400.0	89.78	359.87	10,573.9	10,859.1	1,450.3	10,954.4	0.00	0.00	0.00
21,500.0	89.78	359.87	10,574.3	10,959.1	1,450.1	11,053.6	0.00	0.00	0.00
21,600.0	89.78	359.87	10,574.7	11,059.1	1,449.9	11,152.9	0.00	0.00	0.00
21,700.0	89.78	359.87	10,575.1	11,159.1	1,449.7	11,252.2	0.00	0.00	0.00
21,800.0	89.78	359.87	10,575.4	11,259.1	1,449.4	11,351.5	0.00	0.00	0.00
21,900.0	89.78	359.87	10,575.8	11,359.1	1,449.2	11,450.7	0.00	0.00	0.00
22,000.0	89.78	359.87	10,576.2	11,459.1	1,449.0	11,550.0	0.00	0.00	0.00
22,100.0	89.78	359.87	10,576.6	11,559.1	1,448.7	11,649.3	0.00	0.00	0.00
22,200.0	89.78	359.87	10,577.0	11,659.1	1,448.5	11,748.6	0.00	0.00	0.00
22,300.0	89.78	359.87	10,577.4	11,759.1	1,448.3	11,847.8	0.00	0.00	0.00
22,400.0	89.78	359.87	10,577.8	11,859.1	1,448.1	11,947.1	0.00	0.00	0.00
22,500.0	89.78	359.87	10,578.1	11,959.1	1,447.8	12,046.4	0.00	0.00	0.00
22,593.5	89.78	359.87	10,578.5	12,052.6	1,447.6	12,139.2	0.00	0.00	0.00
Start 130.0 hold at 22593.5 MD									
22,600.0	89.78	359.87	10,578.5	12,059.1	1,447.6	12,145.7	0.00	0.00	0.00
22,700.0	89.78	359.87	10,578.9	12,159.1	1,447.4	12,244.9	0.00	0.00	0.00
22,723.5	89.78	359.87	10,579.0	12,182.6	1,447.3	12,268.3	0.00	0.00	0.00
TD at 22723.5									

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Planning Report

Database:	EDT 15 Central Prod	**Local Co-ordinate Reference:**	Well POTATO BABY STATE COM #906H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Project:	ATLAS PROSPECT (NM-E)	**MD Reference:**	RKB 32ft + GL 3072.5ft @ 3104.5usft
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	**North Reference:**	Grid
Well:	POTATO BABY STATE COM #906H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0.1		

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (POTATO BABY ST	0.00	0.00	10,534.0	-78.3	1,475.1	364,105.62	579,933.58	32° 0' 2.800 N	104° 4' 31.717 W
- plan misses target center by 237.4usft at 10589.7usft MD (10369.2 TVD, 92.6 N, 1474.7 E)									
- Circle (radius 50.0)									
LTP (POTATO BABY ST	0.00	0.00	10,578.5	12,052.6	1,447.6	376,236.58	579,906.08	32° 2' 2.856 N	104° 4' 31.700 W
- plan hits target center									
- Point									
BHL (POTATO BABY ST	0.22	359.87	10,579.0	12,182.6	1,447.1	376,366.57	579,905.53	32° 2' 4.143 N	104° 4' 31.703 W
- plan misses target center by 0.3usft at 22723.5usft MD (10579.0 TVD, 12182.6 N, 1447.3 E)									
- Rectangle (sides W100.0 H12,261.2 D20.0)									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,500.0	1,500.0	0.0	0.0	Start Build 2.00
2,200.0	2,193.1	-4.5	85.0	Start 5402.3 hold at 2200.0 MD
7,602.3	7,434.9	-73.8	1,390.1	Start Drop -2.00
8,302.4	8,128.0	-78.3	1,475.1	Start 1833.0 hold at 8302.4 MD
10,135.4	9,961.0	-78.3	1,475.1	Start DLS 10.00 TFO 359.87
11,033.2	10,534.0	492.4	1,473.8	Start 11560.3 hold at 11033.2 MD
22,593.5	10,578.5	12,052.6	1,447.6	Start 130.0 hold at 22593.5 MD
22,723.5	10,579.0	12,182.6	1,447.3	TD at 22723.5

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Project:	ATLAS PROSPECT (NM-E)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)
Well:	POTATO BABY STATE COM #906H
Wellbore:	OWB
Design:	PWP0.1
GL:	3072.5
RKB 32ft + GL 3072.5ft @ 3104.5usft	

G T M

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

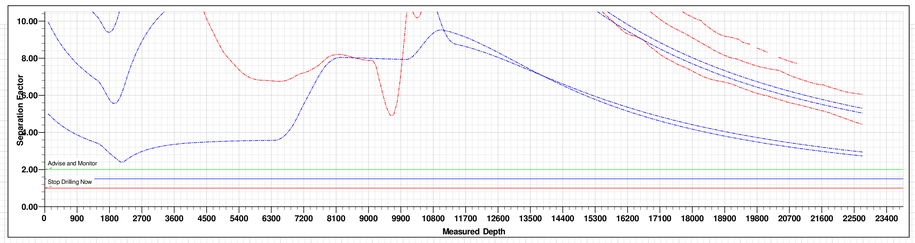
Magnetic Field
Strength: 47285.0nT
Dip Angle: 59.52°
Date: 12/1/2023
Model: BGGM2022

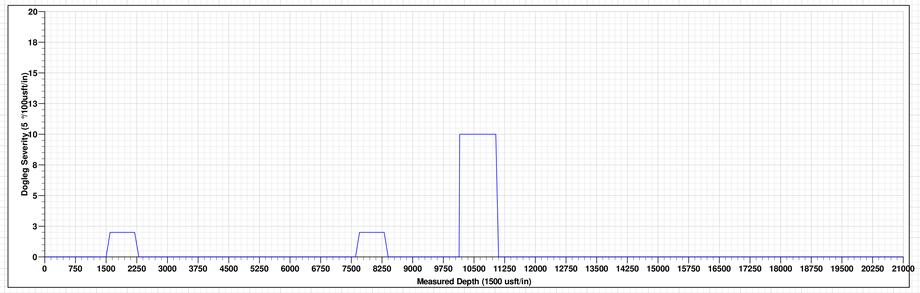
WELL DETAILS: POTATO BABY STATE COM #906H

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.0	0.0	364183.95	578458.45	32° 0' 3.610 N	104° 4' 48.845 W

DESIGN TARGET DETAILS

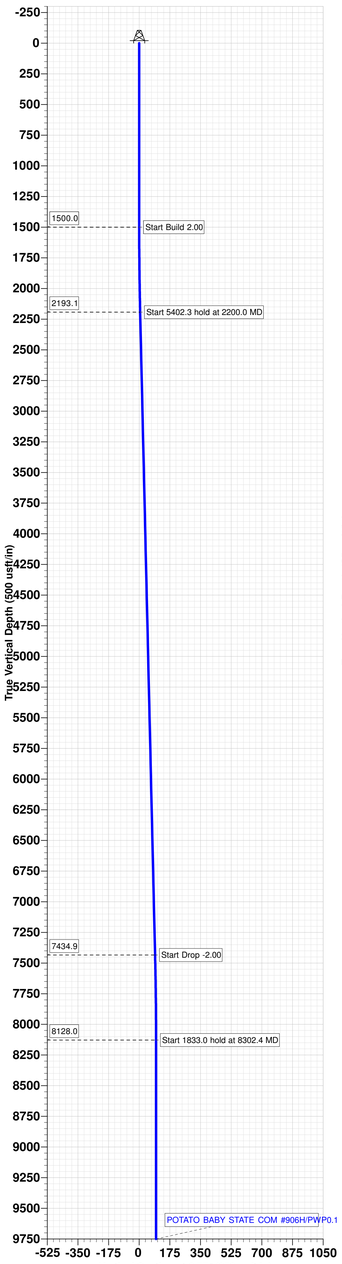
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
FTP (POTATO BABY STATE COM #906H)	10534.0	-78.3	1475.1	364105.62	579933.58	Circle (Radius: 50.0)
LTP (POTATO BABY STATE COM #906H)	10578.5	12052.6	1447.6	376236.58	579906.08	Point
BHL (POTATO BABY STATE COM #906H)	10579.0	12182.6	1447.1	376366.57	579905.53	Rectangle (Sides: L12261.2 W100.0)

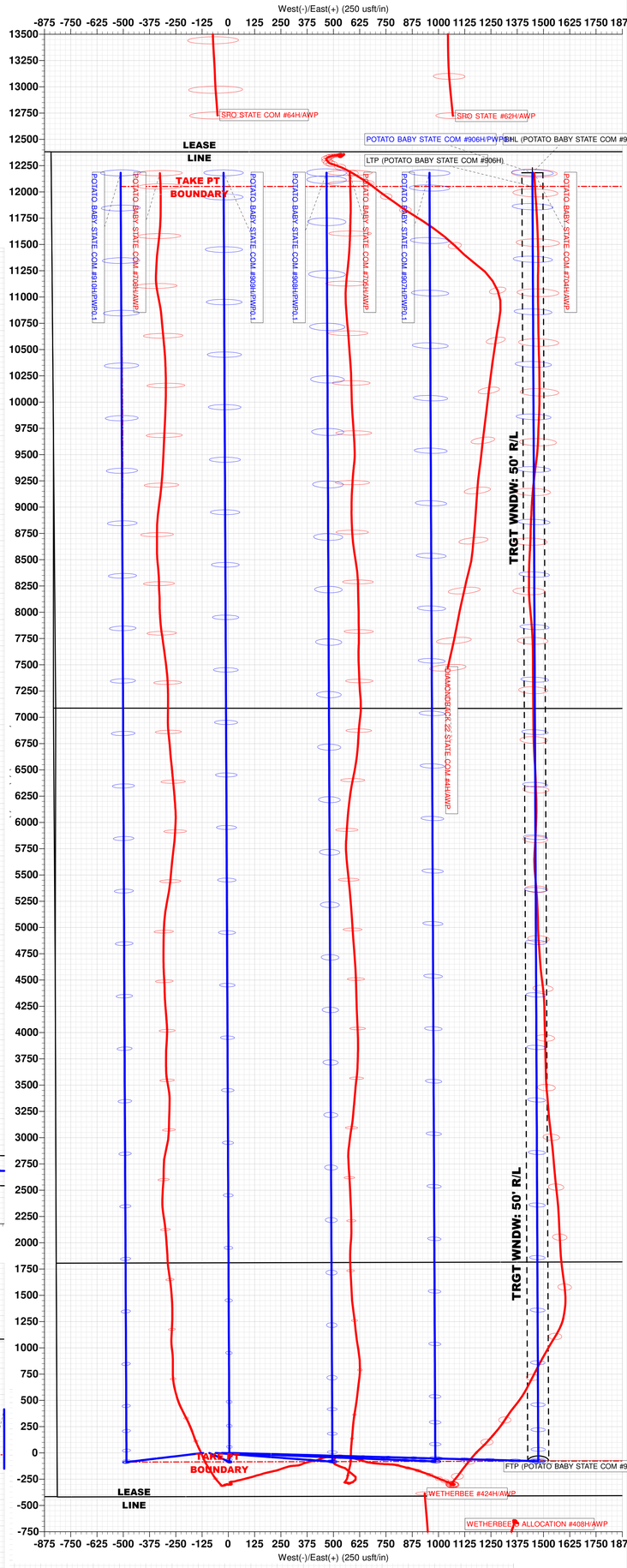


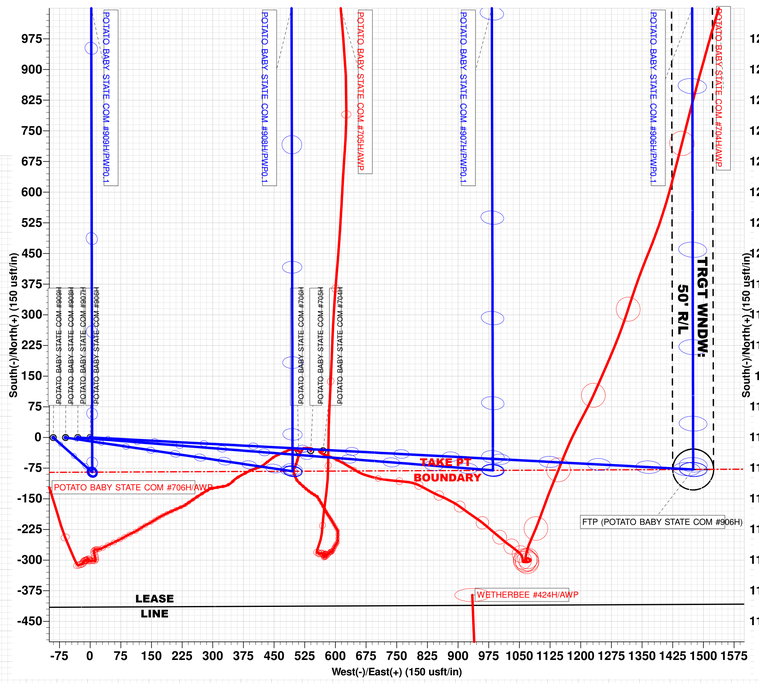


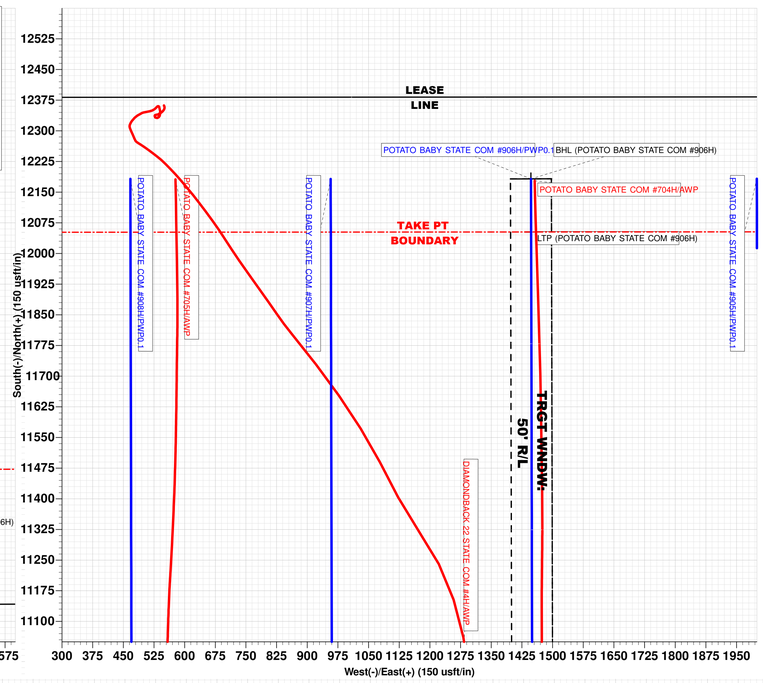
PWP0.1

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
2200.0	14.00	93.04	2193.1	-4.5	85.0	5.5	85.1	Start 5402.3 hold at 2200.0 MD
7602.3	14.00	93.04	7434.9	-73.8	1390.1	90.7	1392.1	Start Drop -2.00
8302.4	0.00	0.00	8128.0	-78.3	1475.1	96.2	1477.2	Start 1833.0 hold at 8302.4 MD
10135.4	0.00	0.00	9961.0	-78.3	1475.1	96.2	1477.2	Start DLS 10.00 TFO 359.87
11033.2	89.78	359.87	10534.0	492.4	1473.8	662.8	2048.0	Start 11560.3 hold at 11033.2 MD
22593.5	89.78	359.87	10578.5	12052.6	1447.6	12139.2	13608.2	Start 130.0 hold at 22593.5 MD
22723.5	89.78	359.87	10579.0	12182.6	1447.3	12268.3	13738.2	TD at 22723.5









TRGT WNDW:
10' A/B