Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM138834

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. ROCK JELLY FEDERAL COM/703H

2. Name of Operator COG OPERATING LLC

9. API Well No. 3001547581

3a. Address 600 West Illinois Ave, Midland, TX 79701

3b. Phone No. *(include area code)* (432) 683-7443

10. Field and Pool or Exploratory Area BOBCAT DRAW; UPPER WOLFCAMP/PURPLE SAGE

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 3/T26S/R29E/NMP

11. Country or Parish, State EDDY/NM

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

COG Operating requests a revision to our approved APD for this well to reflect a change in BHL.

Change BHL to: 200' FSL & 2430' FWL SESW 15-26S-29E Eddy Co.
Revised drill and directional plans attached.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* STAN WAGNER / Ph: (432) 253-9685

Title Regulatory Advisor

Signature Stan Wagner

Date 03/15/2022

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 07/26/2022

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

Office CARLSBAD

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

(Instructions on page 2)

Additional Information

Location of Well

0. SHL: NENW / 350 FNL / 1530 FWL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078004 / LONG: -103.975769 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 1 FNL / 2630 FWL / TWSP: 26S / RANGE: 29E / SECTION: 10 / LAT: 32.064279 / LONG: -103.972084 (TVD: 10133 feet, MD: 15100 feet)

PPP: SESW / 1 FSL / 2630 FWL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.064279 / LONG: -103.972084 (TVD: 10133 feet, MD: 15100 feet)

PPP: NENW / 330 FNL / 2630 FWL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078061 / LONG: -103.972218 (TVD: 10078 feet, MD: 10209 feet)

BHL: SESW / 200 FSL / 2630 FWL / TWSP: 26S / RANGE: 29E / SECTION: 10 / LAT: 32.050126 / LONG: -103.971947 (TVD: 10115 feet, MD: 20194 feet)

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) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-47581	98220	Purple Sage; Wolfcamp (Gas)

Property Code	Property Name	Well Number
329756	ROCK JELLY FEDERAL COM	703H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	2978.6'

Surface Location

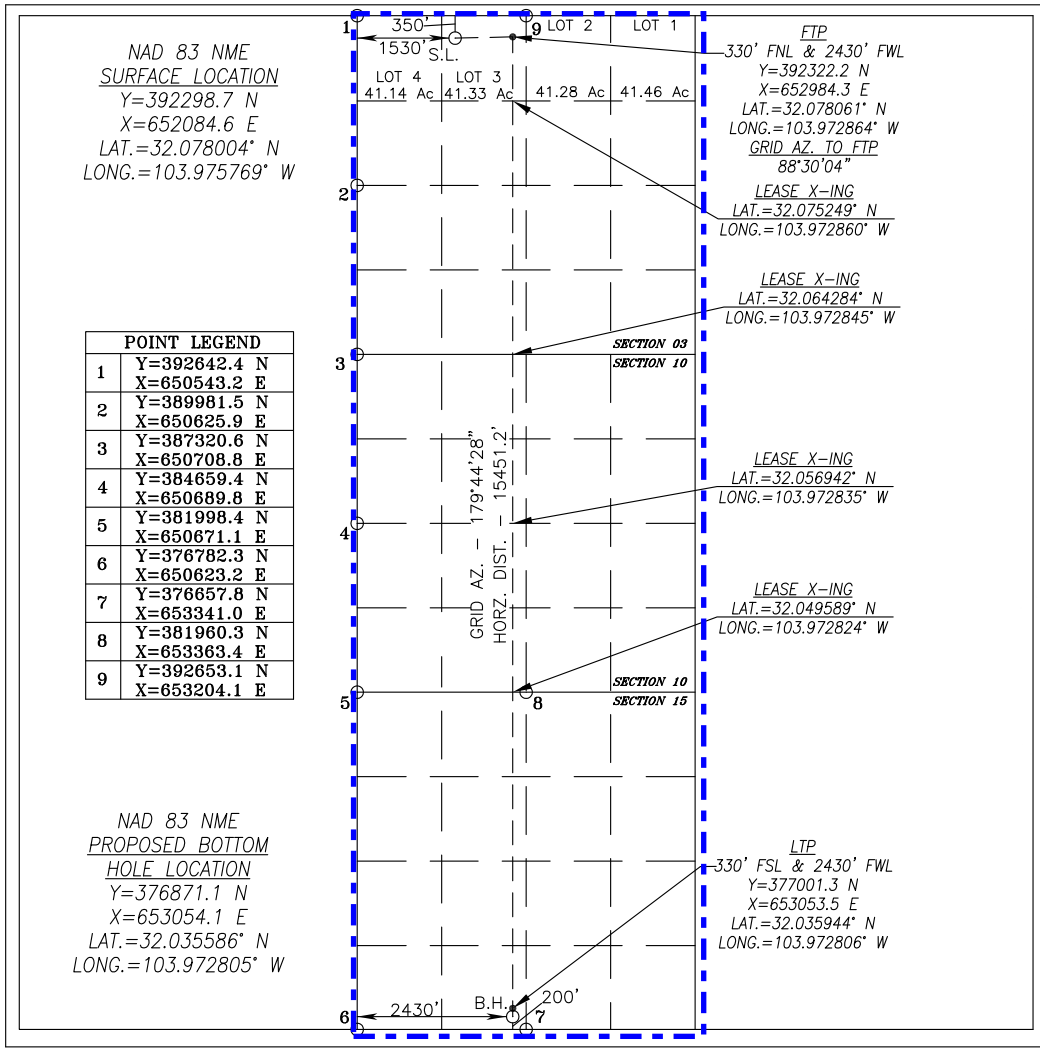
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	3	26-S	29-E		350	NORTH	1530	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	26-S	29-E		200	SOUTH	2430	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1920			

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



POINT LEGEND	
1	Y=392642.4 N X=650543.2 E
2	Y=389981.5 N X=650625.9 E
3	Y=387320.6 N X=650708.8 E
4	Y=384659.4 N X=650689.8 E
5	Y=381998.4 N X=650671.1 E
6	Y=376782.3 N X=650623.2 E
7	Y=376657.8 N X=653341.0 E
8	Y=381960.3 N X=653363.4 E
9	Y=392653.1 N X=653204.1 E

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 2/17/22
Signature Date

Stan Wagner
Printed Name

E-mail Address

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.

DECEMBER 13, 2021
Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 12/17/21
Certificate No. CHAD HARCROW 17777
W.O. #21-1071 DRAWN BY: AH

COG Operating, LLC - Rock Jelly Federal Com 703H

1. Geologic Formations

TVD of target	10,339' EOL	Pilot hole depth	NA
MD at TD:	25,856'	Deepest expected fresh water:	78'

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Quaternary Fill	Surface	Water	
Rustler	534	Water	
Top of Salt	679	Salt	
Base of Salt	2802	Salt	
Lamar	3028	Salt Water	
Bell Canyon	3070	Salt Water	
Cherry Canyon	3927	Oil/Gas	
Brushy Canyon	5217	Oil/Gas	
Bone Spring Lime	6784	Oil/Gas	
1st Bone Spring Sand	7727	Oil/Gas	
2nd Bone Spring Sand	8329	Oil/Gas	
3rd Bone Spring Sand	9624	Oil/Gas	
Wolfcamp A	9989	Target	
Wolfcamp B	0	Not Penetrated	
Wolfcamp D	0	Not Penetrated	

2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight	Grade	Conn.	SF	SF Burst	SF	SF
	From	To		(lbs)			Collapse		Body	Joint
14.75"	0	650	10.75"	45.5	N80	BTC	8.30	2.02	35.16	37.09
9.875"	0	7000	7.625"	29.7	HCL80	BTC	1.90	1.29	3.49	3.53
8.750"	7000	9700	7.625"	29.7	P110 RY	W 513	1.62	1.71	3.26	1.96
6.75"	0	9200	5.5"	23	P110 RY	TXP BTC	2.43	2.87	3.45	3.42
6.75"	9200	25,856	5.5"	23	P110 RY	W 441	2.41	2.90	3.49	3.17
					BLM Minimum Safety Factor		1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

Intermediate casing will be kept at least 1/3 full while running casing.to mitigate collapse. Surface burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface and
All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

The 5 1/2" talon casing will be run back 200’ into the intermediate casing to ensure the coupling OD clearance is greater than .422” for the cement bond tie in.

COG Operating, LLC - Rock Jelly Federal Com 703H

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary?	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

COG Operating, LLC - Rock Jelly Federal Com 703H

3. Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H_20 gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	310	13.5	1.75	9	12	Lead: Class C + 4% Gel + 1% CaCl2
	250	14.8	1.34	6.34	8	Tail: Class C + 2% CaCl2
Inter. Stage 1	690	10.3	3.3	22	24	Halliburton tunded light
	250	14.8	1.35	6.6	8	Tail: Class H
Prod	427	12.7	2	10.7	72	Lead: 50:50:10 H Blend
	1571	14.4	1.24	5.7	19	Tail: 50:50:2 Class H Blend

If losses are encountered in the intermediate section a DV/ECP tool will be run ~50' above the Lamar Lime top, cement will be adjusted accordingly if this contingency is necessary.

Volumes Subject to Observed Hole Conditions and/or Fluid Caliper Results
Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
Surface	0’	50%
1st Intermediate	0’	50%
Production	9,200'	35% OH in Lateral (KOP to EOL)

COG Operating, LLC - Rock Jelly Federal Com 703H

4. Pressure Control Equipment

N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	x	Tested to:
9-7/8”	13-5/8”	5M	Annular	x	2500psi
			Blind Ram	x	5000psi
			Pipe Ram	x	
			Double Ram	x	
			Other*		
6-3/4”	13-5/8”	10M	5M Annular	x	5000psi
			Blind Ram	x	10000psi
			Pipe Ram	x	
			Double Ram	x	
			Other*		

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Y	Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.
Y	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.
	N Are anchors required by manufacturer?
Y	A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.

COG Operating, LLC - Rock Jelly Federal Com 703H

5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0	Surf. Shoe	FW Gel	8.6 - 8.8	28-34	N/C
Surf csg	7-5/8" Int shoe	Brine Diesel Emulsion	8.4 - 9	28-34	N/C
7-5/8" Int shoe	Lateral TD	OBM	9.6 - 12.5	35-45	<20

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing.	
Y	Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
Y	No Logs are planned based on well control or offset log information.
N	Drill stem test? If yes, explain.
N	Coring? If yes, explain.

Additional logs planned		Interval
N	Resistivity	Pilot Hole TD to ICP
N	Density	Pilot Hole TD to ICP
Y	CBL	Production casing (If cement not circulated to surface)
Y	Mud log	Intermediate shoe to TD
N	PEX	

COG Operating, LLC - Rock Jelly Federal Com 703H

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	6725 psi at 10339' TVD
Abnormal Temperature	NO 160 Deg. F.

No abnormal pressure or temperature conditions are anticipated. Sufficient mud materials to maintain mud properties and weight increase requirements will be kept on location at all times.

Sufficient supplies of Paper/LCM for periodic sweeps to control seepage and losses will be maintained on location.

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

8. Other Facets of Operation

Y	Is it a walking operation?
Y	Is casing pre-set?

x	H2S Plan.
x	BOP & Choke Schematics.
x	Directional Plan

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)
ROCK JELLY FEDERAL PROJECT (ATLAS 2629)
ROCK JELLY FED COM #703H

OWB
PWP1

Anticollision Report

18 January, 2022

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Reference PWP1

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.0usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 1/18/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	9,730.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
9,730.0	25,856.7	PWP1 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction

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
ROCK JELLY FEDERAL PROJECT (ATLAS 2629)						
ROCK JELLY FED COM #701H - OWB - PWP1	9,889.0	9,904.3	862.5	841.6	41.220	CC
ROCK JELLY FED COM #701H - OWB - PWP1	25,856.7	25,907.7	997.1	725.8	3.676	ES, SF
ROCK JELLY FED COM #702H - OWB - PWP1	9,600.0	9,672.1	442.5	420.8	20.328	CC
ROCK JELLY FED COM #702H - OWB - PWP1	25,856.7	25,710.8	621.0	352.6	2.314	ES, SF
ROCK JELLY FED COM #704H - OWB - PWP1	2,000.0	1,999.8	30.1	23.5	4.573	CC, ES, SF
ROCK JELLY FED COM #705H - OWB - PWP1	2,000.0	1,999.7	60.1	53.5	9.132	CC, ES, SF
ROCK JELLY FED COM #710H - OWB - PWP1	2,000.0	1,999.8	45.1	37.2	5.727	CC, ES
ROCK JELLY FED COM #710H - OWB - PWP1	25,856.7	25,552.1	489.4	225.0	1.851	Advise and Monitor, SF
ROCK JELLY FED COM #711H - OWB - PWP1	2,000.0	1,999.7	53.5	45.9	7.100	CC, ES
ROCK JELLY FED COM #711H - OWB - PWP1	25,825.1	25,751.6	840.2	569.9	3.108	SF
ROCK JELLY FED COM #712H - OWB - PWP1	2,000.0	1,999.5	74.1	67.1	10.452	CC, ES, SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**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
ROCK JELLY FEDERAL PROJECT (ATLAS 2629)						
ROCK JELLY FED COM #701H - OWB - PWP1	25,856.7	25,907.7	997.1	725.8	3.676	ES, SF
ROCK JELLY FED COM #702H - OWB - PWP1	25,856.7	25,710.8	621.0	352.6	2.314	ES, SF
ROCK JELLY FED COM #704H - OWB - PWP1	25,856.7	25,741.6				Out of Range @TD
ROCK JELLY FED COM #705H - OWB - PWP1	25,856.7	25,505.0				Out of Range @TD
ROCK JELLY FED COM #710H - OWB - PWP1	25,856.7	25,552.1	489.4	225.0	1.851	Advise and Monitor, SF
ROCK JELLY FED COM #711H - OWB - PWP1	25,856.7	25,753.2	840.7	570.4	3.110	
ROCK JELLY FED COM #712H - OWB - PWP1	25,856.7	25,493.4				Out of Range @TD

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #701H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9871-MWD+IFR1+FDIR — **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
8,000.0	7,944.2	8,069.8	7,988.8	10.1	10.4	14.63	276.0	1,760.6	989.9	971.7	18.22	54.323	
8,100.0	8,043.2	8,154.0	8,073.0	10.2	10.5	14.77	276.4	1,757.3	972.6	954.2	18.44	52.752	
8,200.0	8,142.3	8,238.6	8,157.6	10.3	10.6	14.93	276.7	1,755.3	956.8	938.1	18.66	51.286	
8,300.0	8,241.3	8,323.6	8,242.6	10.5	10.6	15.11	276.8	1,754.5	942.4	923.6	18.87	49.943	
8,400.0	8,340.3	8,420.8	8,339.7	10.6	10.7	15.33	276.8	1,754.5	929.0	909.9	19.04	48.794	
8,495.5	8,434.9	8,515.3	8,434.3	10.7	10.8	15.55	276.8	1,754.5	916.2	897.0	19.20	47.723	
8,500.0	8,439.3	8,519.8	8,438.7	10.7	10.8	15.56	276.8	1,754.5	915.6	896.3	19.20	47.673	
8,600.0	8,538.5	8,619.0	8,537.9	10.9	10.9	15.74	276.8	1,754.5	903.1	883.7	19.37	46.617	
8,700.0	8,637.9	8,718.3	8,637.3	11.0	11.0	15.91	276.8	1,754.5	892.2	872.7	19.54	45.666	
8,800.0	8,737.4	8,817.9	8,736.8	11.1	11.1	16.05	276.8	1,754.5	883.1	863.4	19.70	44.819	
8,900.0	8,837.1	8,917.6	8,836.5	11.2	11.2	16.17	276.8	1,754.5	875.6	855.8	19.87	44.072	
9,000.0	8,936.9	9,017.4	8,936.3	11.4	11.3	16.27	276.8	1,754.5	869.8	849.8	20.03	43.426	
9,100.0	9,036.8	9,117.3	9,036.2	11.4	11.4	16.34	276.8	1,754.5	865.7	845.5	20.19	42.880	
9,200.0	9,136.8	9,217.3	9,136.2	11.5	11.5	16.38	276.8	1,754.5	863.3	842.9	20.35	42.425	
9,295.5	9,232.3	9,312.7	9,231.7	11.6	11.5	89.55	276.8	1,754.5	862.5	842.1	20.47	42.144	
9,300.0	9,236.8	9,317.2	9,236.2	11.6	11.6	89.55	276.8	1,754.5	862.5	842.1	20.47	42.136	
9,400.0	9,336.8	9,417.2	9,336.2	11.7	11.6	89.55	276.8	1,754.5	862.5	842.0	20.56	41.958	
9,500.0	9,436.8	9,517.2	9,436.2	11.8	11.7	89.55	276.8	1,754.5	862.5	841.9	20.64	41.779	
9,600.0	9,536.8	9,617.2	9,536.2	11.9	11.8	89.55	276.8	1,754.5	862.5	841.8	20.73	41.601	
9,700.0	9,636.8	9,717.2	9,636.2	12.0	11.9	89.55	276.8	1,754.5	862.5	841.7	20.82	41.424	
9,800.0	9,736.8	9,817.2	9,736.2	12.1	12.0	89.55	276.8	1,754.5	862.5	841.6	20.89	41.285	
9,829.4	9,766.2	9,846.7	9,765.6	12.1	12.0	89.55	276.8	1,754.5	862.5	841.6	20.90	41.261	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #701H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9871-MWD+IFR1+FDIR — **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
9,850.0	9,786.8	9,867.2	9,786.2	12.1	12.1	-88.71	276.8	1,754.5	862.5	841.6	20.91	41.243	
9,889.0	9,825.7	9,904.3	9,823.3	12.1	12.1	-88.82	275.8	1,754.5	862.5	841.6	20.92	41.220	CC
9,900.0	9,836.6	9,914.7	9,833.6	12.1	12.1	-88.85	275.1	1,754.6	862.5	841.6	20.93	41.213	
9,950.0	9,885.9	9,962.2	9,880.7	12.1	12.1	-89.00	269.6	1,754.8	862.5	841.6	20.95	41.176	
10,000.0	9,934.3	10,009.8	9,927.4	12.1	12.1	-89.16	260.1	1,755.3	862.7	841.7	20.98	41.128	
10,050.0	9,981.4	10,057.7	9,973.4	12.2	12.1	-89.33	246.7	1,755.9	862.9	841.8	21.01	41.066	
10,100.0	10,026.8	10,105.8	10,018.2	12.2	12.1	-89.49	229.4	1,756.7	863.1	842.1	21.06	40.988	
10,150.0	10,070.3	10,154.1	10,061.7	12.2	12.2	-89.67	208.4	1,757.7	863.5	842.3	21.12	40.887	
10,200.0	10,111.5	10,202.7	10,103.4	12.3	12.2	-89.84	183.6	1,758.9	863.9	842.7	21.19	40.760	
10,250.0	10,150.0	10,251.6	10,143.1	12.3	12.2	-90.02	155.2	1,760.2	864.3	843.0	21.29	40.601	
10,300.0	10,185.6	10,300.7	10,180.5	12.4	12.3	-90.20	123.3	1,761.7	864.9	843.5	21.41	40.403	
10,350.0	10,218.1	10,350.2	10,215.2	12.4	12.3	-90.37	88.1	1,763.4	865.5	843.9	21.55	40.162	
10,400.0	10,247.0	10,399.9	10,246.9	12.5	12.4	-90.54	49.8	1,765.2	866.1	844.4	21.72	39.874	
10,450.0	10,272.4	10,450.0	10,275.3	12.6	12.5	-90.71	8.7	1,767.1	866.8	844.9	21.93	39.536	
10,500.0	10,293.8	10,500.4	10,300.2	12.7	12.5	-90.88	-35.1	1,769.2	867.6	845.4	22.16	39.148	
10,550.0	10,311.3	10,551.1	10,321.3	12.7	12.6	-91.04	-81.2	1,771.4	868.4	846.0	22.43	38.714	
10,600.0	10,324.6	10,602.1	10,338.2	12.8	12.7	-91.19	-129.2	1,773.6	869.2	846.5	22.73	38.237	
10,650.0	10,333.7	10,653.5	10,350.9	12.9	12.7	-91.33	-178.9	1,776.0	870.1	847.0	23.06	37.726	
10,700.0	10,338.4	10,705.2	10,359.2	13.0	12.8	-91.46	-229.9	1,778.4	871.0	847.6	23.42	37.188	
10,731.9	10,339.2	10,738.3	10,362.0	13.0	12.8	-91.54	-262.8	1,779.9	871.5	847.9	23.66	36.837	
10,800.0	10,338.9	10,807.9	10,362.8	13.2	12.9	-91.61	-332.3	1,783.2	872.7	848.5	24.19	36.075	
10,900.0	10,338.4	10,907.9	10,362.4	13.5	13.1	-91.61	-432.2	1,787.9	874.3	849.3	25.05	34.904	
11,000.0	10,338.0	11,007.8	10,362.0	13.8	13.3	-91.61	-532.0	1,792.6	875.9	849.9	25.99	33.698	
11,100.0	10,337.6	11,107.8	10,361.6	14.2	13.6	-91.61	-631.9	1,797.3	877.6	850.5	27.02	32.483	
11,200.0	10,337.1	11,207.8	10,361.2	14.7	14.0	-91.61	-731.8	1,802.0	879.2	851.1	28.11	31.280	
11,300.0	10,336.7	11,307.8	10,360.8	15.2	14.5	-91.61	-831.7	1,806.7	880.8	851.6	29.26	30.105	
11,400.0	10,336.3	11,407.8	10,360.4	15.8	15.1	-91.61	-931.5	1,811.4	882.4	852.0	30.46	28.966	
11,500.0	10,335.8	11,507.8	10,360.1	16.3	15.6	-91.61	-1,031.4	1,816.1	884.1	852.4	31.72	27.872	
11,600.0	10,335.4	11,607.8	10,359.7	17.0	16.3	-91.61	-1,131.3	1,820.8	885.7	852.7	33.02	26.827	
11,700.0	10,334.9	11,707.8	10,359.3	17.6	16.9	-91.61	-1,231.2	1,825.5	887.3	853.0	34.35	25.832	
11,800.0	10,334.5	11,807.7	10,358.9	18.3	17.6	-91.60	-1,331.0	1,830.2	889.0	853.2	35.72	24.889	
11,900.0	10,334.1	11,907.7	10,358.5	19.0	18.3	-91.60	-1,430.9	1,834.9	890.6	853.5	37.11	23.996	
12,000.0	10,333.6	12,007.7	10,358.1	19.7	19.0	-91.60	-1,530.8	1,839.6	892.2	853.7	38.54	23.151	
12,100.0	10,333.2	12,107.7	10,357.7	20.4	19.7	-91.60	-1,630.7	1,844.3	893.8	853.8	39.99	22.354	
12,200.0	10,332.8	12,207.7	10,357.3	21.1	20.4	-91.60	-1,730.5	1,849.0	895.5	854.0	41.45	21.601	
12,300.0	10,332.3	12,307.7	10,356.9	21.8	21.2	-91.60	-1,830.4	1,853.7	897.1	854.1	42.94	20.890	
12,400.0	10,331.9	12,407.7	10,356.5	22.6	21.9	-91.60	-1,930.3	1,858.4	898.7	854.3	44.45	20.220	
12,500.0	10,331.5	12,507.7	10,356.1	23.3	22.7	-91.60	-2,030.2	1,863.1	900.3	854.4	45.97	19.586	
12,600.0	10,331.0	12,607.6	10,355.7	24.1	23.5	-91.60	-2,130.0	1,867.9	902.0	854.5	47.50	18.988	
12,700.0	10,330.6	12,707.6	10,355.3	24.8	24.2	-91.60	-2,229.9	1,872.6	903.6	854.5	49.05	18.422	
12,800.0	10,330.2	12,807.6	10,354.9	25.6	25.0	-91.60	-2,329.8	1,877.3	905.2	854.6	50.61	17.887	
12,900.0	10,329.7	12,907.6	10,354.5	26.4	25.8	-91.60	-2,429.7	1,882.0	906.9	854.7	52.18	17.380	
13,000.0	10,329.3	13,007.6	10,354.1	27.2	26.6	-91.60	-2,529.6	1,886.7	908.5	854.7	53.76	16.900	
13,100.0	10,328.9	13,107.6	10,353.7	28.0	27.4	-91.60	-2,629.4	1,891.4	910.1	854.8	55.34	16.445	
13,200.0	10,328.4	13,207.6	10,353.3	28.7	28.2	-91.60	-2,729.3	1,896.1	911.7	854.8	56.94	16.013	
13,300.0	10,328.0	13,307.5	10,352.9	29.5	29.0	-91.60	-2,829.2	1,900.8	913.4	854.8	58.54	15.602	
13,400.0	10,327.6	13,407.5	10,352.6	30.3	29.8	-91.60	-2,929.1	1,905.5	915.0	854.8	60.15	15.212	
13,500.0	10,327.1	13,507.5	10,352.2	31.1	30.6	-91.60	-3,028.9	1,910.2	916.6	854.9	61.77	14.840	
13,600.0	10,326.7	13,607.5	10,351.8	32.0	31.5	-91.60	-3,128.8	1,914.9	918.2	854.9	63.39	14.486	
13,700.0	10,326.3	13,707.5	10,351.4	32.8	32.3	-91.60	-3,228.7	1,919.6	919.9	854.9	65.01	14.149	
13,800.0	10,325.8	13,807.5	10,351.0	33.6	33.1	-91.60	-3,328.6	1,924.3	921.5	854.9	66.64	13.827	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #701H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9871-MWD+IFR1+FDIR — **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
13,900.0	10,325.4	13,907.5	10,350.6	34.4	33.9	-91.60	-3,428.4	1,929.0	923.1	854.8	68.28	13.519	
14,000.0	10,325.0	14,007.5	10,350.2	35.2	34.7	-91.60	-3,528.3	1,933.7	924.8	854.8	69.92	13.226	
14,100.0	10,324.5	14,107.4	10,349.8	36.0	35.6	-91.60	-3,628.2	1,938.4	926.4	854.8	71.57	12.944	
14,200.0	10,324.1	14,207.4	10,349.4	36.8	36.4	-91.60	-3,728.1	1,943.1	928.0	854.8	73.21	12.675	
14,300.0	10,323.7	14,307.4	10,349.0	37.7	37.2	-91.60	-3,827.9	1,947.8	929.6	854.8	74.87	12.417	
14,400.0	10,323.2	14,407.4	10,348.6	38.5	38.0	-91.60	-3,927.8	1,952.5	931.3	854.7	76.52	12.170	
14,500.0	10,322.8	14,507.4	10,348.2	39.3	38.9	-91.59	-4,027.7	1,957.2	932.9	854.7	78.18	11.933	
14,600.0	10,322.4	14,607.4	10,347.8	40.1	39.7	-91.59	-4,127.6	1,961.9	934.5	854.7	79.84	11.705	
14,700.0	10,321.9	14,707.4	10,347.4	41.0	40.5	-91.59	-4,227.4	1,966.6	936.1	854.6	81.50	11.486	
14,800.0	10,321.5	14,807.3	10,347.0	41.8	41.4	-91.59	-4,327.3	1,971.3	937.8	854.6	83.17	11.276	
14,900.0	10,321.0	14,907.3	10,346.6	42.6	42.2	-91.59	-4,427.2	1,976.0	939.4	854.6	84.84	11.073	
15,000.0	10,320.6	15,007.3	10,346.2	43.5	43.1	-91.59	-4,527.1	1,980.7	941.0	854.5	86.51	10.878	
15,100.0	10,320.2	15,107.3	10,345.8	44.3	43.9	-91.59	-4,626.9	1,985.4	942.7	854.5	88.18	10.690	
15,200.0	10,319.7	15,207.3	10,345.4	45.1	44.7	-91.59	-4,726.8	1,990.2	944.3	854.4	89.85	10.509	
15,300.0	10,319.3	15,307.3	10,345.1	46.0	45.6	-91.59	-4,826.7	1,994.9	945.9	854.4	91.53	10.334	
15,400.0	10,318.9	15,407.3	10,344.7	46.8	46.4	-91.59	-4,926.6	1,999.6	947.5	854.3	93.21	10.166	
15,417.4	10,318.8	15,424.7	10,344.6	46.9	46.6	-91.59	-4,943.9	2,000.4	947.8	854.3	93.50	10.137	
15,500.0	10,318.4	15,524.1	10,344.2	47.6	47.4	-91.58	-5,043.2	2,004.6	950.1	855.0	95.03	9.998	
15,527.1	10,318.3	15,564.6	10,344.0	47.9	47.7	-91.58	-5,083.8	2,005.5	950.7	855.2	95.58	9.947	
15,600.0	10,318.0	15,659.9	10,343.7	48.5	48.5	-91.58	-5,179.1	2,005.5	951.2	854.3	96.91	9.815	
15,700.0	10,317.6	15,759.9	10,343.3	49.3	49.4	-91.58	-5,279.1	2,004.7	951.1	852.5	98.59	9.647	
15,800.0	10,317.2	15,859.9	10,342.9	50.1	50.2	-91.58	-5,379.1	2,003.8	951.0	850.8	100.26	9.485	
15,900.0	10,316.7	15,959.9	10,342.5	51.0	51.1	-91.59	-5,479.1	2,003.0	950.9	849.0	101.94	9.329	
16,000.0	10,316.3	16,059.9	10,342.1	51.8	51.9	-91.59	-5,579.1	2,002.1	950.8	847.2	103.61	9.177	
16,100.0	10,315.9	16,159.9	10,341.7	52.7	52.7	-91.59	-5,679.1	2,001.3	950.7	845.4	105.29	9.030	
16,200.0	10,315.4	16,259.9	10,341.3	53.5	53.6	-91.59	-5,779.1	2,000.4	950.6	843.7	106.97	8.887	
16,300.0	10,315.0	16,359.9	10,340.9	54.3	54.4	-91.59	-5,879.1	1,999.6	950.6	841.9	108.65	8.749	
16,400.0	10,314.6	16,459.9	10,340.5	55.2	55.3	-91.60	-5,979.1	1,998.8	950.5	840.1	110.33	8.615	
16,500.0	10,314.2	16,559.9	10,340.1	56.0	56.1	-91.60	-6,079.1	1,997.9	950.4	838.4	112.01	8.485	
16,600.0	10,313.7	16,659.9	10,339.7	56.8	56.9	-91.60	-6,179.1	1,997.1	950.3	836.6	113.70	8.358	
16,700.0	10,313.3	16,759.9	10,339.3	57.7	57.8	-91.60	-6,279.1	1,996.2	950.2	834.8	115.38	8.235	
16,800.0	10,312.9	16,859.9	10,338.9	58.5	58.6	-91.60	-6,379.1	1,995.4	950.1	833.0	117.07	8.116	
16,900.0	10,312.4	16,959.9	10,338.5	59.4	59.5	-91.61	-6,479.1	1,994.5	950.0	831.3	118.75	8.000	
17,000.0	10,312.0	17,059.9	10,338.1	60.2	60.3	-91.61	-6,579.0	1,993.7	949.9	829.5	120.44	7.887	
17,100.0	10,311.6	17,159.9	10,337.7	61.1	61.2	-91.61	-6,679.0	1,992.9	949.8	827.7	122.13	7.777	
17,200.0	10,311.2	17,259.9	10,337.3	61.9	62.0	-91.61	-6,779.0	1,992.0	949.7	825.9	123.81	7.671	
17,300.0	10,310.7	17,359.9	10,336.9	62.7	62.8	-91.61	-6,879.0	1,991.2	949.6	824.1	125.50	7.567	
17,400.0	10,310.3	17,459.9	10,336.5	63.6	63.7	-91.62	-6,979.0	1,990.3	949.5	822.4	127.19	7.465	
17,500.0	10,309.9	17,559.9	10,336.1	64.4	64.5	-91.62	-7,079.0	1,989.5	949.5	820.6	128.88	7.367	
17,600.0	10,309.4	17,659.9	10,335.7	65.3	65.4	-91.62	-7,179.0	1,988.6	949.4	818.8	130.58	7.271	
17,700.0	10,309.0	17,759.9	10,335.3	66.1	66.2	-91.62	-7,279.0	1,987.8	949.3	817.0	132.27	7.177	
17,800.0	10,308.6	17,859.9	10,334.9	67.0	67.1	-91.62	-7,379.0	1,986.9	949.2	815.2	133.96	7.086	
17,900.0	10,308.2	17,959.9	10,334.5	67.8	67.9	-91.62	-7,479.0	1,986.1	949.1	813.4	135.65	6.996	
18,000.0	10,307.7	18,059.9	10,334.1	68.7	68.8	-91.63	-7,579.0	1,985.3	949.0	811.7	137.35	6.910	
18,100.0	10,307.3	18,159.9	10,333.7	69.5	69.6	-91.63	-7,679.0	1,984.4	948.9	809.9	139.04	6.825	
18,200.0	10,306.9	18,259.9	10,333.3	70.4	70.5	-91.63	-7,779.0	1,983.6	948.8	808.1	140.74	6.742	
18,300.0	10,306.5	18,359.9	10,332.9	71.2	71.3	-91.63	-7,879.0	1,982.7	948.7	806.3	142.43	6.661	
18,400.0	10,306.0	18,459.9	10,332.5	72.0	72.2	-91.63	-7,979.0	1,981.9	948.6	804.5	144.13	6.582	
18,500.0	10,305.6	18,559.9	10,332.1	72.9	73.0	-91.64	-8,079.0	1,981.0	948.5	802.7	145.82	6.505	
18,600.0	10,305.2	18,659.9	10,331.7	73.7	73.9	-91.64	-8,179.0	1,980.2	948.4	800.9	147.52	6.429	
18,700.0	10,304.7	18,759.9	10,331.3	74.6	74.7	-91.64	-8,279.0	1,979.4	948.4	799.1	149.22	6.356	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #701H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9871-MWD+IFR1+FDIR — **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
18,800.0	10,304.3	18,859.9	10,330.9	75.4	75.6	-91.64	-8,379.0	1,978.5	948.3	797.4	150.91	6.283	
18,900.0	10,303.9	18,959.9	10,330.5	76.3	76.4	-91.64	-8,479.0	1,977.7	948.2	795.6	152.61	6.213	
19,000.0	10,303.5	19,059.9	10,330.1	77.1	77.3	-91.65	-8,579.0	1,976.8	948.1	793.8	154.31	6.144	
19,100.0	10,303.0	19,159.9	10,329.7	78.0	78.1	-91.65	-8,679.0	1,976.0	948.0	792.0	156.01	6.077	
19,200.0	10,302.6	19,259.9	10,329.3	78.8	78.9	-91.65	-8,778.9	1,975.1	947.9	790.2	157.71	6.010	
19,300.0	10,302.2	19,359.9	10,328.9	79.7	79.8	-91.65	-8,878.9	1,974.3	947.8	788.4	159.41	5.946	
19,400.0	10,301.7	19,459.9	10,328.5	80.5	80.6	-91.65	-8,978.9	1,973.5	947.7	786.6	161.11	5.883	
19,500.0	10,301.3	19,559.9	10,328.1	81.4	81.5	-91.65	-9,078.9	1,972.6	947.6	784.8	162.81	5.821	
19,600.0	10,300.9	19,659.9	10,327.7	82.2	82.4	-91.66	-9,178.9	1,971.8	947.5	783.0	164.51	5.760	
19,700.0	10,300.5	19,759.9	10,327.3	83.1	83.2	-91.66	-9,278.9	1,970.9	947.4	781.2	166.21	5.700	
19,800.0	10,300.0	19,859.9	10,326.9	83.9	84.1	-91.66	-9,378.9	1,970.1	947.3	779.4	167.91	5.642	
19,900.0	10,299.6	19,959.9	10,326.5	84.8	84.9	-91.66	-9,478.9	1,969.2	947.3	777.6	169.61	5.585	
20,000.0	10,299.2	20,059.9	10,326.1	85.6	85.8	-91.66	-9,578.9	1,968.4	947.2	775.9	171.31	5.529	
20,100.0	10,298.7	20,159.9	10,325.7	86.5	86.6	-91.67	-9,678.9	1,967.6	947.1	774.1	173.01	5.474	
20,200.0	10,298.3	20,259.9	10,325.3	87.3	87.5	-91.67	-9,778.9	1,966.7	947.0	772.3	174.71	5.420	
20,300.0	10,297.9	20,359.9	10,324.9	88.2	88.3	-91.67	-9,878.9	1,965.9	946.9	770.5	176.42	5.367	
20,400.0	10,297.5	20,459.9	10,324.5	89.0	89.2	-91.67	-9,978.9	1,965.0	946.8	768.7	178.12	5.316	
20,500.0	10,297.0	20,559.9	10,324.1	89.9	90.0	-91.67	-10,078.9	1,964.2	946.7	766.9	179.82	5.265	
20,600.0	10,296.6	20,659.9	10,323.7	90.7	90.9	-91.68	-10,178.9	1,963.3	946.6	765.1	181.53	5.215	
20,700.0	10,296.2	20,759.9	10,323.3	91.6	91.7	-91.68	-10,278.9	1,962.5	946.5	763.3	183.23	5.166	
20,763.6	10,295.9	20,823.6	10,323.0	92.1	92.3	-91.68	-10,342.5	1,962.0	946.5	762.2	184.31	5.135	
20,766.2	10,295.9	20,826.2	10,323.0	92.1	92.3	-91.68	-10,345.1	1,961.9	946.5	762.1	184.36	5.134	
20,768.5	10,295.9	20,828.5	10,323.0	92.2	92.3	-91.68	-10,347.4	1,961.9	946.5	762.1	184.40	5.133	
20,800.0	10,295.7	20,852.3	10,322.9	92.4	92.5	-91.68	-10,371.3	1,961.8	946.6	761.7	184.89	5.120	
20,900.0	10,295.3	20,951.2	10,322.5	93.3	93.3	-91.68	-10,470.2	1,961.9	947.6	761.0	186.59	5.079	
21,000.0	10,294.9	21,051.2	10,322.1	94.1	94.2	-91.68	-10,570.2	1,962.0	948.6	760.3	188.30	5.038	
21,100.0	10,294.5	21,151.2	10,321.7	95.0	95.1	-91.68	-10,670.2	1,962.0	949.6	759.6	190.00	4.998	
21,200.0	10,294.0	21,251.2	10,321.4	95.8	95.9	-91.68	-10,770.2	1,962.1	950.6	758.9	191.71	4.959	
21,300.0	10,293.6	21,351.2	10,321.0	96.7	96.8	-91.68	-10,870.1	1,962.2	951.6	758.2	193.41	4.920	
21,400.0	10,293.2	21,451.2	10,320.6	97.5	97.6	-91.68	-10,970.1	1,962.3	952.6	757.5	195.12	4.882	
21,500.0	10,292.7	21,551.2	10,320.2	98.4	98.5	-91.68	-11,070.1	1,962.3	953.6	756.8	196.82	4.845	
21,600.0	10,292.3	21,651.2	10,319.8	99.3	99.3	-91.68	-11,170.1	1,962.4	954.6	756.1	198.53	4.808	
21,700.0	10,291.9	21,751.2	10,319.4	100.1	100.2	-91.68	-11,270.1	1,962.5	955.6	755.4	200.23	4.772	
21,800.0	10,291.4	21,851.2	10,319.0	101.0	101.0	-91.68	-11,370.1	1,962.6	956.6	754.7	201.94	4.737	
21,900.0	10,291.0	21,951.2	10,318.6	101.8	101.9	-91.69	-11,470.1	1,962.6	957.6	753.9	203.65	4.702	
22,000.0	10,290.6	22,051.2	10,318.2	102.7	102.7	-91.69	-11,570.1	1,962.7	958.6	753.2	205.35	4.668	
22,100.0	10,290.2	22,151.2	10,317.8	103.5	103.6	-91.69	-11,670.1	1,962.8	959.6	752.5	207.06	4.634	
22,200.0	10,289.7	22,251.2	10,317.4	104.4	104.4	-91.69	-11,770.1	1,962.9	960.6	751.8	208.77	4.601	
22,300.0	10,289.3	22,351.2	10,317.1	105.2	105.3	-91.69	-11,870.1	1,963.0	961.6	751.1	210.47	4.569	
22,400.0	10,288.9	22,451.2	10,316.7	106.1	106.2	-91.69	-11,970.1	1,963.0	962.6	750.4	212.18	4.537	
22,500.0	10,288.4	22,551.2	10,316.3	106.9	107.0	-91.69	-12,070.1	1,963.1	963.6	749.7	213.89	4.505	
22,600.0	10,288.0	22,651.1	10,315.9	107.8	107.9	-91.69	-12,170.1	1,963.2	964.6	749.0	215.60	4.474	
22,700.0	10,287.6	22,751.1	10,315.5	108.6	108.7	-91.69	-12,270.1	1,963.3	965.6	748.3	217.30	4.443	
22,800.0	10,287.1	22,851.1	10,315.1	109.5	109.6	-91.69	-12,370.1	1,963.3	966.6	747.6	219.01	4.413	
22,900.0	10,286.7	22,951.1	10,314.7	110.3	110.4	-91.69	-12,470.1	1,963.4	967.6	746.9	220.72	4.384	
23,000.0	10,286.3	23,051.1	10,314.3	111.2	111.3	-91.69	-12,570.0	1,963.5	968.6	746.2	222.43	4.355	
23,100.0	10,285.9	23,151.1	10,313.9	112.0	112.1	-91.69	-12,670.0	1,963.6	969.6	745.4	224.14	4.326	
23,200.0	10,285.4	23,251.1	10,313.5	112.9	113.0	-91.69	-12,770.0	1,963.6	970.6	744.7	225.84	4.298	
23,300.0	10,285.0	23,351.1	10,313.2	113.8	113.8	-91.69	-12,870.0	1,963.7	971.6	744.0	227.55	4.270	
23,400.0	10,284.6	23,451.1	10,312.8	114.6	114.7	-91.69	-12,970.0	1,963.8	972.6	743.3	229.26	4.242	
23,500.0	10,284.1	23,551.1	10,312.4	115.5	115.6	-91.70	-13,070.0	1,963.9	973.6	742.6	230.97	4.215	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #701H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9871-MWD+IFR1+FDIR — **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
23,600.0	10,283.7	23,651.1	10,312.0	116.3	116.4	-91.70	-13,170.0	1,963.9	974.6	741.9	232.68	4.188	
23,700.0	10,283.3	23,751.1	10,311.6	117.2	117.3	-91.70	-13,270.0	1,964.0	975.6	741.2	234.39	4.162	
23,800.0	10,282.8	23,851.1	10,311.2	118.0	118.1	-91.70	-13,370.0	1,964.1	976.6	740.5	236.10	4.136	
23,900.0	10,282.4	23,951.1	10,310.8	118.9	119.0	-91.70	-13,470.0	1,964.2	977.6	739.8	237.81	4.111	
24,000.0	10,282.0	24,051.1	10,310.4	119.7	119.8	-91.70	-13,570.0	1,964.2	978.6	739.1	239.52	4.086	
24,100.0	10,281.6	24,151.1	10,310.0	120.6	120.7	-91.70	-13,670.0	1,964.3	979.6	738.3	241.22	4.061	
24,200.0	10,281.1	24,251.1	10,309.6	121.4	121.5	-91.70	-13,770.0	1,964.4	980.6	737.6	242.93	4.036	
24,300.0	10,280.7	24,351.1	10,309.3	122.3	122.4	-91.70	-13,870.0	1,964.5	981.6	736.9	244.64	4.012	
24,400.0	10,280.3	24,451.1	10,308.9	123.1	123.3	-91.70	-13,970.0	1,964.6	982.6	736.2	246.35	3.988	
24,500.0	10,279.8	24,551.1	10,308.5	124.0	124.1	-91.70	-14,070.0	1,964.6	983.6	735.5	248.06	3.965	
24,600.0	10,279.4	24,651.0	10,308.1	124.9	125.0	-91.70	-14,170.0	1,964.7	984.6	734.8	249.77	3.942	
24,700.0	10,279.0	24,751.0	10,307.7	125.7	125.8	-91.70	-14,270.0	1,964.8	985.6	734.1	251.48	3.919	
24,800.0	10,278.5	24,851.0	10,307.3	126.6	126.7	-91.70	-14,369.9	1,964.9	986.6	733.4	253.19	3.896	
24,900.0	10,278.1	24,951.0	10,306.9	127.4	127.5	-91.70	-14,469.9	1,964.9	987.6	732.7	254.90	3.874	
25,000.0	10,277.7	25,051.0	10,306.5	128.3	128.4	-91.70	-14,569.9	1,965.0	988.6	731.9	256.61	3.852	
25,100.0	10,277.3	25,151.0	10,306.1	129.1	129.2	-91.70	-14,669.9	1,965.1	989.6	731.2	258.32	3.831	
25,200.0	10,276.8	25,251.0	10,305.7	130.0	130.1	-91.71	-14,769.9	1,965.2	990.6	730.5	260.03	3.809	
25,300.0	10,276.4	25,351.0	10,305.3	130.8	131.0	-91.71	-14,869.9	1,965.2	991.6	729.8	261.74	3.788	
25,400.0	10,276.0	25,451.0	10,305.0	131.7	131.8	-91.71	-14,969.9	1,965.3	992.5	729.1	263.45	3.767	
25,500.0	10,275.5	25,551.0	10,304.6	132.5	132.7	-91.71	-15,069.9	1,965.4	993.5	728.4	265.16	3.747	
25,600.0	10,275.1	25,651.0	10,304.2	133.4	133.5	-91.71	-15,169.9	1,965.5	994.5	727.7	266.88	3.727	
25,700.0	10,274.7	25,751.0	10,303.8	134.3	134.4	-91.71	-15,269.9	1,965.5	995.5	727.0	268.59	3.707	
25,800.0	10,274.2	25,851.0	10,303.4	135.1	135.2	-91.71	-15,369.9	1,965.6	996.5	726.2	270.30	3.687	
25,856.7	10,274.0	25,907.7	10,303.2	135.6	135.7	-91.71	-15,426.6	1,965.7	997.1	725.8	271.27	3.676	ES, SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #702H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9759-MWD+IFR1+FDIR — **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
7,200.0	7,152.0	7,462.3	7,351.6	9.0	10.5	14.51	249.5	1,617.5	973.5	956.7	16.78	58.001	
7,300.0	7,251.0	7,556.4	7,443.8	9.2	10.7	14.55	251.3	1,598.0	939.9	922.9	17.03	55.180	
7,400.0	7,350.0	7,650.6	7,535.9	9.3	10.9	14.59	253.1	1,578.5	906.3	889.0	17.28	52.437	
7,500.0	7,449.1	7,744.8	7,628.0	9.4	11.1	14.63	254.9	1,559.0	872.7	855.2	17.54	49.769	
7,600.0	7,548.1	7,839.0	7,720.1	9.5	11.3	14.68	256.7	1,539.5	839.1	821.3	17.79	47.174	
7,700.0	7,647.1	7,933.2	7,812.3	9.7	11.5	14.73	258.5	1,520.0	805.5	787.5	18.04	44.650	
7,800.0	7,746.1	8,027.4	7,904.4	9.8	11.7	14.79	260.3	1,500.5	771.9	753.6	18.29	42.193	
7,900.0	7,845.2	8,121.5	7,996.5	9.9	11.9	14.85	262.2	1,481.0	738.3	719.8	18.55	39.801	
8,000.0	7,944.2	8,215.7	8,088.6	10.1	12.1	14.91	264.0	1,461.5	704.7	685.9	18.81	37.473	
8,100.0	8,043.2	8,300.0	8,171.2	10.2	12.3	14.98	265.5	1,444.6	671.6	652.6	19.00	35.344	
8,200.0	8,142.3	8,386.5	8,256.1	10.3	12.5	15.07	267.0	1,428.4	639.9	620.7	19.21	33.315	
8,300.0	8,241.3	8,472.5	8,340.8	10.5	12.6	15.19	268.4	1,413.5	609.7	590.2	19.41	31.411	
8,400.0	8,340.3	8,559.3	8,426.5	10.6	12.8	15.34	269.7	1,399.8	580.8	561.2	19.61	29.616	
8,495.5	8,434.9	8,642.8	8,509.2	10.7	12.9	15.51	270.8	1,387.9	554.6	534.8	19.81	28.002	
8,500.0	8,439.3	8,646.8	8,513.1	10.7	12.9	15.52	270.8	1,387.3	553.4	533.6	19.82	27.928	
8,600.0	8,538.5	8,735.3	8,600.9	10.9	13.0	15.64	271.9	1,376.0	528.4	508.4	20.02	26.390	
8,700.0	8,637.9	8,824.8	8,689.9	11.0	13.2	15.75	272.8	1,366.0	506.5	486.3	20.23	25.037	
8,800.0	8,737.4	8,915.3	8,779.9	11.1	13.3	15.86	273.6	1,357.3	487.8	467.3	20.44	23.865	
8,900.0	8,837.1	9,006.5	8,870.7	11.2	13.4	15.95	274.3	1,349.9	472.3	451.6	20.65	22.869	
9,000.0	8,936.9	9,100.0	8,964.1	11.4	13.5	16.03	274.8	1,343.8	460.0	439.1	20.87	22.042	
9,100.0	9,036.8	9,190.6	9,054.5	11.4	13.5	16.08	275.3	1,339.4	451.0	429.9	21.08	21.395	
9,200.0	9,136.8	9,283.2	9,147.1	11.5	13.6	16.11	275.5	1,336.3	445.2	423.9	21.30	20.904	
9,295.5	9,232.3	9,371.8	9,235.7	11.6	13.6	89.27	275.7	1,334.8	442.8	421.3	21.48	20.615	
9,300.0	9,236.8	9,376.0	9,239.9	11.6	13.6	89.27	275.7	1,334.7	442.8	421.3	21.49	20.607	
9,374.3	9,311.0	9,446.3	9,310.2	11.7	13.7	89.26	275.7	1,334.5	442.5	421.0	21.58	20.506	
9,400.0	9,336.8	9,472.1	9,336.0	11.7	13.7	89.26	275.7	1,334.5	442.5	420.9	21.60	20.485	
9,500.0	9,436.8	9,572.1	9,436.0	11.8	13.8	89.26	275.7	1,334.5	442.5	420.9	21.69	20.407	
9,600.0	9,536.8	9,672.1	9,536.0	11.9	13.8	89.26	275.7	1,334.5	442.5	420.8	21.77	20.328	CC
9,700.0	9,636.8	9,768.8	9,632.3	12.0	14.1	90.23	268.2	1,334.9	442.9	421.0	21.83	20.283	
9,800.0	9,736.8	9,860.4	9,721.2	12.1	14.7	93.05	246.3	1,335.9	444.8	422.8	21.91	20.300	
9,829.4	9,766.2	9,885.8	9,745.1	12.1	14.7	94.15	237.8	1,336.3	445.9	424.0	21.93	20.334	
9,850.0	9,786.8	9,903.2	9,761.2	12.1	14.7	-83.20	231.3	1,336.6	446.9	425.0	21.95	20.362	
9,900.0	9,836.6	9,944.8	9,799.0	12.1	14.7	-81.10	213.9	1,337.4	449.8	427.8	22.02	20.425	
9,950.0	9,885.9	9,985.6	9,834.7	12.1	14.8	-79.07	194.2	1,338.3	453.2	431.1	22.14	20.475	
10,000.0	9,934.3	10,025.7	9,868.3	12.1	14.8	-77.14	172.4	1,339.4	457.1	434.8	22.30	20.500	
10,050.0	9,981.4	10,065.0	9,899.8	12.2	14.8	-75.31	148.8	1,340.5	461.3	438.8	22.51	20.494	
10,100.0	10,026.8	10,100.0	9,926.3	12.2	14.9	-73.72	126.1	1,341.5	465.7	442.9	22.81	20.419	
10,150.0	10,070.3	10,142.1	9,956.3	12.2	14.9	-72.00	96.6	1,342.9	470.2	447.2	23.09	20.368	
10,200.0	10,111.5	10,180.0	9,981.4	12.3	15.0	-70.54	68.3	1,344.3	474.8	451.4	23.45	20.246	
10,250.0	10,150.0	10,217.4	10,004.3	12.3	15.0	-69.20	38.7	1,345.6	479.3	455.4	23.85	20.092	
10,300.0	10,185.6	10,250.0	10,022.6	12.4	15.1	-68.09	11.8	1,346.9	483.6	459.3	24.35	19.863	
10,350.0	10,218.1	10,291.3	10,043.6	12.4	15.1	-66.94	-23.7	1,348.6	487.7	462.9	24.75	19.703	
10,400.0	10,247.0	10,327.9	10,060.0	12.5	15.2	-66.02	-56.3	1,350.1	491.4	466.2	25.23	19.480	
10,450.0	10,272.4	10,364.2	10,074.2	12.6	15.2	-65.24	-89.8	1,351.7	494.8	469.1	25.70	19.249	
10,500.0	10,293.8	10,400.0	10,086.1	12.7	15.3	-64.61	-123.5	1,353.3	497.7	471.5	26.18	19.011	
10,550.0	10,311.3	10,436.4	10,096.0	12.7	15.3	-64.10	-158.5	1,354.9	500.2	473.5	26.63	18.779	
10,600.0	10,324.6	10,472.4	10,103.6	12.8	15.3	-63.74	-193.6	1,356.6	502.1	475.1	27.07	18.549	
10,650.0	10,333.7	10,508.3	10,108.9	12.9	15.4	-63.52	-229.0	1,358.2	503.6	476.1	27.48	18.328	
10,700.0	10,338.4	10,550.0	10,112.4	13.0	15.4	-63.45	-270.6	1,360.2	504.5	476.7	27.81	18.141	
10,731.9	10,339.2	10,567.0	10,112.9	13.0	15.4	-63.47	-287.5	1,361.0	504.8	476.7	28.06	17.990	
10,800.0	10,338.9	10,630.5	10,112.7	13.2	15.5	-63.53	-350.9	1,364.0	505.7	477.2	28.48	17.755	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #702H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9759-MWD+IFR1+FDIR — **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
10,900.0	10,338.4	10,730.5	10,112.3	13.5	15.5	-63.61	-450.8	1,368.7	507.1	478.0	29.15	17.396	
11,000.0	10,338.0	10,830.4	10,111.8	13.8	15.6	-63.69	-550.7	1,373.4	508.6	478.7	29.91	17.006	
11,100.0	10,337.6	10,930.4	10,111.3	14.2	15.7	-63.76	-650.6	1,378.1	510.1	479.3	30.74	16.595	
11,200.0	10,337.1	11,030.4	10,110.9	14.7	15.8	-63.84	-750.4	1,382.7	511.5	479.9	31.64	16.169	
11,300.0	10,336.7	11,130.4	10,110.4	15.2	16.0	-63.92	-850.3	1,387.4	513.0	480.4	32.60	15.736	
11,400.0	10,336.3	11,230.4	10,109.9	15.8	16.2	-64.00	-950.2	1,392.1	514.5	480.8	33.62	15.300	
11,500.0	10,335.8	11,330.4	10,109.5	16.3	16.5	-64.07	-1,050.1	1,396.8	515.9	481.2	34.70	14.868	
11,600.0	10,335.4	11,430.4	10,109.0	17.0	17.0	-64.15	-1,149.9	1,401.5	517.4	481.6	35.83	14.442	
11,700.0	10,334.9	11,530.4	10,108.6	17.6	17.6	-64.22	-1,249.8	1,406.2	518.9	481.9	37.00	14.025	
11,800.0	10,334.5	11,630.3	10,108.1	18.3	18.2	-64.30	-1,349.7	1,410.9	520.3	482.1	38.21	13.619	
11,900.0	10,334.1	11,730.3	10,107.6	19.0	18.9	-64.37	-1,449.6	1,415.6	521.8	482.4	39.45	13.226	
12,000.0	10,333.6	11,830.3	10,107.2	19.7	19.6	-64.45	-1,549.4	1,420.3	523.3	482.6	40.73	12.846	
12,100.0	10,333.2	11,930.3	10,106.7	20.4	20.3	-64.52	-1,649.3	1,425.0	524.8	482.7	42.05	12.481	
12,200.0	10,332.8	12,030.3	10,106.3	21.1	21.0	-64.59	-1,749.2	1,429.7	526.2	482.8	43.38	12.130	
12,300.0	10,332.3	12,130.3	10,105.8	21.8	21.7	-64.67	-1,849.1	1,434.4	527.7	483.0	44.75	11.793	
12,400.0	10,331.9	12,230.3	10,105.3	22.6	22.4	-64.74	-1,948.9	1,439.1	529.2	483.0	46.13	11.471	
12,500.0	10,331.5	12,330.2	10,104.9	23.3	23.2	-64.81	-2,048.8	1,443.8	530.7	483.1	47.54	11.162	
12,600.0	10,331.0	12,430.2	10,104.4	24.1	24.0	-64.88	-2,148.7	1,448.5	532.1	483.2	48.97	10.867	
12,700.0	10,330.6	12,530.2	10,104.0	24.8	24.7	-64.95	-2,248.6	1,453.2	533.6	483.2	50.41	10.585	
12,800.0	10,330.2	12,630.2	10,103.5	25.6	25.5	-65.02	-2,348.4	1,457.9	535.1	483.2	51.87	10.315	
12,900.0	10,329.7	12,730.2	10,103.0	26.4	26.3	-65.09	-2,448.3	1,462.6	536.6	483.2	53.35	10.058	
13,000.0	10,329.3	12,830.2	10,102.6	27.2	27.0	-65.16	-2,548.2	1,467.3	538.0	483.2	54.84	9.812	
13,100.0	10,328.9	12,930.2	10,102.1	28.0	27.8	-65.23	-2,648.1	1,472.0	539.5	483.2	56.34	9.577	
13,200.0	10,328.4	13,030.2	10,101.7	28.7	28.6	-65.30	-2,747.9	1,476.7	541.0	483.2	57.85	9.352	
13,300.0	10,328.0	13,130.1	10,101.2	29.5	29.4	-65.37	-2,847.8	1,481.4	542.5	483.1	59.37	9.137	
13,400.0	10,327.6	13,230.1	10,100.7	30.3	30.2	-65.44	-2,947.7	1,486.1	544.0	483.1	60.91	8.931	
13,500.0	10,327.1	13,330.1	10,100.3	31.1	31.0	-65.51	-3,047.6	1,490.8	545.5	483.0	62.45	8.734	
13,600.0	10,326.7	13,430.1	10,099.8	32.0	31.8	-65.58	-3,147.5	1,495.4	546.9	482.9	64.00	8.546	
13,700.0	10,326.3	13,530.1	10,099.3	32.8	32.6	-65.64	-3,247.3	1,500.1	548.4	482.9	65.56	8.365	
13,800.0	10,325.8	13,630.1	10,098.9	33.6	33.5	-65.71	-3,347.2	1,504.8	549.9	482.8	67.13	8.192	
13,900.0	10,325.4	13,730.1	10,098.4	34.4	34.3	-65.78	-3,447.1	1,509.5	551.4	482.7	68.70	8.026	
14,000.0	10,325.0	13,830.1	10,098.0	35.2	35.1	-65.84	-3,547.0	1,514.2	552.9	482.6	70.28	7.867	
14,100.0	10,324.5	13,930.0	10,097.5	36.0	35.9	-65.91	-3,646.8	1,518.9	554.4	482.5	71.87	7.714	
14,200.0	10,324.1	14,030.0	10,097.0	36.8	36.7	-65.98	-3,746.7	1,523.6	555.9	482.4	73.46	7.567	
14,300.0	10,323.7	14,130.0	10,096.6	37.7	37.6	-66.04	-3,846.6	1,528.3	557.4	482.3	75.06	7.426	
14,400.0	10,323.2	14,230.0	10,096.1	38.5	38.4	-66.11	-3,946.5	1,533.0	558.9	482.2	76.66	7.290	
14,500.0	10,322.8	14,330.0	10,095.7	39.3	39.2	-66.17	-4,046.3	1,537.7	560.3	482.1	78.27	7.159	
14,600.0	10,322.4	14,430.0	10,095.2	40.1	40.0	-66.23	-4,146.2	1,542.4	561.8	482.0	79.88	7.034	
14,700.0	10,321.9	14,530.0	10,094.7	41.0	40.9	-66.30	-4,246.1	1,547.1	563.3	481.8	81.50	6.912	
14,800.0	10,321.5	14,629.9	10,094.3	41.8	41.7	-66.36	-4,346.0	1,551.8	564.8	481.7	83.12	6.796	
14,900.0	10,321.0	14,729.9	10,093.8	42.6	42.5	-66.43	-4,445.8	1,556.5	566.3	481.6	84.74	6.683	
15,000.0	10,320.6	14,829.9	10,093.4	43.5	43.4	-66.49	-4,545.7	1,561.2	567.8	481.4	86.37	6.574	
15,100.0	10,320.2	14,929.9	10,092.9	44.3	44.2	-66.55	-4,645.6	1,565.9	569.3	481.3	88.00	6.470	
15,200.0	10,319.7	15,029.9	10,092.4	45.1	45.0	-66.61	-4,745.5	1,570.6	570.8	481.2	89.63	6.368	
15,300.0	10,319.3	15,129.9	10,092.0	46.0	45.9	-66.67	-4,845.3	1,575.3	572.3	481.0	91.27	6.271	
15,400.0	10,318.9	15,229.9	10,091.5	46.8	46.7	-66.74	-4,945.2	1,580.0	573.8	480.9	92.91	6.176	
15,417.4	10,318.8	15,247.3	10,091.4	46.9	46.9	-66.75	-4,962.6	1,580.8	574.1	480.9	93.19	6.160	
15,500.0	10,318.4	15,342.2	10,091.0	47.6	47.6	-66.81	-5,057.4	1,584.5	575.8	481.2	94.59	6.088	
15,527.1	10,318.3	15,375.4	10,090.8	47.9	47.9	-66.83	-5,090.7	1,585.1	576.3	481.3	95.04	6.064	
15,600.0	10,318.0	15,459.1	10,090.5	48.5	48.6	-66.85	-5,174.3	1,585.0	576.7	480.5	96.22	5.994	
15,700.0	10,317.6	15,559.1	10,090.0	49.3	49.5	-66.84	-5,274.3	1,584.1	576.7	478.8	97.86	5.893	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #702H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9759-MWD+IFR1+FDIR — **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	10,317.2	15,659.1	10,089.5	50.1	50.3	-66.83	-5,374.3	1,583.3	576.6	477.1	99.50	5.795	
15,900.0	10,316.7	15,759.1	10,089.1	51.0	51.1	-66.83	-5,474.3	1,582.5	576.5	475.4	101.14	5.701	
16,000.0	10,316.3	15,859.1	10,088.6	51.8	52.0	-66.82	-5,574.3	1,581.6	576.5	473.7	102.78	5.609	
16,100.0	10,315.9	15,959.1	10,088.1	52.7	52.8	-66.82	-5,674.3	1,580.8	576.4	472.0	104.42	5.520	
16,200.0	10,315.4	16,059.1	10,087.7	53.5	53.6	-66.81	-5,774.3	1,580.0	576.4	470.3	106.07	5.434	
16,300.0	10,315.0	16,159.1	10,087.2	54.3	54.5	-66.80	-5,874.3	1,579.2	576.3	468.6	107.72	5.350	
16,400.0	10,314.6	16,259.1	10,086.8	55.2	55.3	-66.80	-5,974.3	1,578.3	576.3	466.9	109.37	5.269	
16,500.0	10,314.2	16,359.1	10,086.3	56.0	56.1	-66.79	-6,074.3	1,577.5	576.2	465.2	111.01	5.190	
16,600.0	10,313.7	16,459.1	10,085.8	56.8	57.0	-66.79	-6,174.3	1,576.7	576.1	463.5	112.67	5.114	
16,700.0	10,313.3	16,559.1	10,085.4	57.7	57.8	-66.78	-6,274.3	1,575.8	576.1	461.8	114.32	5.039	
16,800.0	10,312.9	16,659.1	10,084.9	58.5	58.7	-66.77	-6,374.3	1,575.0	576.0	460.0	115.97	4.967	
16,900.0	10,312.4	16,759.1	10,084.5	59.4	59.5	-66.77	-6,474.3	1,574.2	576.0	458.3	117.63	4.896	
17,000.0	10,312.0	16,859.1	10,084.0	60.2	60.4	-66.76	-6,574.3	1,573.4	575.9	456.6	119.28	4.828	
17,100.0	10,311.6	16,959.1	10,083.5	61.1	61.2	-66.76	-6,674.3	1,572.5	575.8	454.9	120.94	4.761	
17,200.0	10,311.2	17,059.1	10,083.1	61.9	62.0	-66.75	-6,774.3	1,571.7	575.8	453.2	122.60	4.697	
17,300.0	10,310.7	17,159.1	10,082.6	62.7	62.9	-66.74	-6,874.3	1,570.9	575.7	451.5	124.26	4.633	
17,400.0	10,310.3	17,259.1	10,082.1	63.6	63.7	-66.74	-6,974.3	1,570.0	575.7	449.7	125.92	4.572	
17,500.0	10,309.9	17,359.1	10,081.7	64.4	64.6	-66.73	-7,074.3	1,569.2	575.6	448.0	127.58	4.512	
17,600.0	10,309.4	17,459.1	10,081.2	65.3	65.4	-66.72	-7,174.2	1,568.4	575.5	446.3	129.24	4.453	
17,700.0	10,309.0	17,559.1	10,080.8	66.1	66.3	-66.72	-7,274.2	1,567.5	575.5	444.6	130.90	4.396	
17,800.0	10,308.6	17,659.1	10,080.3	67.0	67.1	-66.71	-7,374.2	1,566.7	575.4	442.9	132.56	4.341	
17,900.0	10,308.2	17,759.1	10,079.8	67.8	67.9	-66.71	-7,474.2	1,565.9	575.4	441.1	134.23	4.287	
18,000.0	10,307.7	17,859.1	10,079.4	68.7	68.8	-66.70	-7,574.2	1,565.1	575.3	439.4	135.89	4.234	
18,100.0	10,307.3	17,959.1	10,078.9	69.5	69.6	-66.69	-7,674.2	1,564.2	575.2	437.7	137.56	4.182	
18,200.0	10,306.9	18,059.1	10,078.5	70.4	70.5	-66.69	-7,774.2	1,563.4	575.2	436.0	139.22	4.131	
18,300.0	10,306.5	18,159.1	10,078.0	71.2	71.3	-66.68	-7,874.2	1,562.6	575.1	434.2	140.89	4.082	
18,400.0	10,306.0	18,259.1	10,077.5	72.0	72.2	-66.68	-7,974.2	1,561.7	575.1	432.5	142.56	4.034	
18,500.0	10,305.6	18,359.1	10,077.1	72.9	73.0	-66.67	-8,074.2	1,560.9	575.0	430.8	144.22	3.987	
18,600.0	10,305.2	18,459.1	10,076.6	73.7	73.9	-66.66	-8,174.2	1,560.1	575.0	429.1	145.89	3.941	
18,700.0	10,304.7	18,559.1	10,076.1	74.6	74.7	-66.66	-8,274.2	1,559.3	574.9	427.3	147.56	3.896	
18,800.0	10,304.3	18,659.1	10,075.7	75.4	75.6	-66.65	-8,374.2	1,558.4	574.8	425.6	149.23	3.852	
18,900.0	10,303.9	18,759.1	10,075.2	76.3	76.4	-66.64	-8,474.2	1,557.6	574.8	423.9	150.90	3.809	
19,000.0	10,303.5	18,859.1	10,074.8	77.1	77.3	-66.64	-8,574.2	1,556.8	574.7	422.1	152.57	3.767	
19,100.0	10,303.0	18,959.1	10,074.3	78.0	78.1	-66.63	-8,674.2	1,555.9	574.7	420.4	154.24	3.726	
19,200.0	10,302.6	19,059.1	10,073.8	78.8	79.0	-66.63	-8,774.2	1,555.1	574.6	418.7	155.91	3.685	
19,300.0	10,302.2	19,159.1	10,073.4	79.7	79.8	-66.62	-8,874.2	1,554.3	574.5	417.0	157.58	3.646	
19,400.0	10,301.7	19,259.1	10,072.9	80.5	80.6	-66.61	-8,974.2	1,553.5	574.5	415.2	159.26	3.607	
19,500.0	10,301.3	19,359.1	10,072.5	81.4	81.5	-66.61	-9,074.2	1,552.6	574.4	413.5	160.93	3.569	
19,600.0	10,300.9	19,459.1	10,072.0	82.2	82.3	-66.60	-9,174.2	1,551.8	574.4	411.8	162.60	3.532	
19,700.0	10,300.5	19,559.1	10,071.5	83.1	83.2	-66.60	-9,274.2	1,551.0	574.3	410.0	164.28	3.496	
19,800.0	10,300.0	19,659.1	10,071.1	83.9	84.0	-66.59	-9,374.1	1,550.1	574.2	408.3	165.95	3.460	
19,900.0	10,299.6	19,759.1	10,070.6	84.8	84.9	-66.58	-9,474.1	1,549.3	574.2	406.6	167.62	3.425	
20,000.0	10,299.2	19,859.1	10,070.1	85.6	85.7	-66.58	-9,574.1	1,548.5	574.1	404.8	169.30	3.391	
20,100.0	10,298.7	19,959.1	10,069.7	86.5	86.6	-66.57	-9,674.1	1,547.6	574.1	403.1	170.97	3.358	
20,200.0	10,298.3	20,059.1	10,069.2	87.3	87.4	-66.56	-9,774.1	1,546.8	574.0	401.4	172.65	3.325	
20,300.0	10,297.9	20,159.1	10,068.8	88.2	88.3	-66.56	-9,874.1	1,546.0	574.0	399.6	174.32	3.292	
20,400.0	10,297.5	20,259.1	10,068.3	89.0	89.1	-66.55	-9,974.1	1,545.2	573.9	397.9	176.00	3.261	
20,500.0	10,297.0	20,359.1	10,067.8	89.9	90.0	-66.55	-10,074.1	1,544.3	573.8	396.2	177.68	3.230	
20,600.0	10,296.6	20,459.1	10,067.4	90.7	90.8	-66.54	-10,174.1	1,543.5	573.8	394.4	179.35	3.199	
20,700.0	10,296.2	20,559.1	10,066.9	91.6	91.7	-66.53	-10,274.1	1,542.7	573.7	392.7	181.03	3.169	
20,763.6	10,295.9	20,622.7	10,066.6	92.1	92.2	-66.53	-10,337.7	1,542.1	573.7	391.6	182.10	3.150	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #702H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9759-MWD+IFR1+FDIR — **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
20,765.4	10,295.9	20,624.5	10,066.6	92.1	92.3	-66.53	-10,339.5	1,542.1	573.7	391.6	182.13	3.150	
20,768.5	10,295.9	20,627.0	10,066.6	92.2	92.3	-66.53	-10,342.0	1,542.1	573.7	391.5	182.18	3.149	
20,800.0	10,295.7	20,654.3	10,066.5	92.4	92.5	-66.53	-10,369.3	1,542.0	573.8	391.1	182.71	3.141	
20,900.0	10,295.3	20,754.3	10,066.0	93.3	93.4	-66.57	-10,469.3	1,542.1	574.8	390.4	184.40	3.117	
21,000.0	10,294.9	20,854.3	10,065.6	94.1	94.2	-66.61	-10,569.3	1,542.2	575.7	389.6	186.08	3.094	
21,100.0	10,294.5	20,954.3	10,065.1	95.0	95.1	-66.64	-10,669.3	1,542.2	576.6	388.9	187.77	3.071	
21,200.0	10,294.0	21,054.3	10,064.6	95.8	95.9	-66.68	-10,769.3	1,542.3	577.6	388.1	189.46	3.049	
21,300.0	10,293.6	21,154.3	10,064.2	96.7	96.8	-66.72	-10,869.3	1,542.4	578.5	387.3	191.14	3.026	
21,400.0	10,293.2	21,254.3	10,063.7	97.5	97.6	-66.75	-10,969.3	1,542.5	579.4	386.6	192.83	3.005	
21,500.0	10,292.7	21,354.3	10,063.2	98.4	98.5	-66.79	-11,069.3	1,542.5	580.3	385.8	194.52	2.983	
21,600.0	10,292.3	21,454.3	10,062.8	99.3	99.3	-66.82	-11,169.3	1,542.6	581.3	385.1	196.21	2.963	
21,700.0	10,291.9	21,554.3	10,062.3	100.1	100.2	-66.86	-11,269.3	1,542.7	582.2	384.3	197.90	2.942	
21,800.0	10,291.4	21,654.3	10,061.9	101.0	101.0	-66.90	-11,369.3	1,542.8	583.1	383.5	199.59	2.922	
21,900.0	10,291.0	21,754.3	10,061.4	101.8	101.9	-66.93	-11,469.3	1,542.8	584.1	382.8	201.27	2.902	
22,000.0	10,290.6	21,854.3	10,060.9	102.7	102.7	-66.97	-11,569.3	1,542.9	585.0	382.0	202.96	2.882	
22,100.0	10,290.2	21,954.3	10,060.5	103.5	103.6	-67.00	-11,669.3	1,543.0	585.9	381.3	204.66	2.863	
22,200.0	10,289.7	22,054.3	10,060.0	104.4	104.4	-67.04	-11,769.3	1,543.1	586.8	380.5	206.35	2.844	
22,300.0	10,289.3	22,154.3	10,059.5	105.2	105.3	-67.07	-11,869.3	1,543.1	587.8	379.7	208.04	2.825	
22,400.0	10,288.9	22,254.3	10,059.1	106.1	106.2	-67.11	-11,969.2	1,543.2	588.7	379.0	209.73	2.807	
22,500.0	10,288.4	22,354.3	10,058.6	106.9	107.0	-67.14	-12,069.2	1,543.3	589.6	378.2	211.42	2.789	
22,600.0	10,288.0	22,454.2	10,058.2	107.8	107.9	-67.18	-12,169.2	1,543.4	590.6	377.5	213.11	2.771	
22,700.0	10,287.6	22,554.2	10,057.7	108.6	108.7	-67.21	-12,269.2	1,543.4	591.5	376.7	214.80	2.754	
22,800.0	10,287.1	22,654.2	10,057.2	109.5	109.6	-67.25	-12,369.2	1,543.5	592.4	375.9	216.50	2.736	
22,900.0	10,286.7	22,754.2	10,056.8	110.3	110.4	-67.28	-12,469.2	1,543.6	593.4	375.2	218.19	2.719	
23,000.0	10,286.3	22,854.2	10,056.3	111.2	111.3	-67.31	-12,569.2	1,543.6	594.3	374.4	219.88	2.703	
23,100.0	10,285.9	22,954.2	10,055.9	112.0	112.1	-67.35	-12,669.2	1,543.7	595.2	373.6	221.57	2.686	
23,200.0	10,285.4	23,054.2	10,055.4	112.9	113.0	-67.38	-12,769.2	1,543.8	596.1	372.9	223.27	2.670	
23,300.0	10,285.0	23,154.2	10,054.9	113.8	113.8	-67.42	-12,869.2	1,543.9	597.1	372.1	224.96	2.654	
23,400.0	10,284.6	23,254.2	10,054.5	114.6	114.7	-67.45	-12,969.2	1,543.9	598.0	371.4	226.66	2.638	
23,500.0	10,284.1	23,354.2	10,054.0	115.5	115.5	-67.48	-13,069.2	1,544.0	598.9	370.6	228.35	2.623	
23,600.0	10,283.7	23,454.2	10,053.5	116.3	116.4	-67.52	-13,169.2	1,544.1	599.9	369.8	230.04	2.608	
23,700.0	10,283.3	23,554.2	10,053.1	117.2	117.3	-67.55	-13,269.2	1,544.2	600.8	369.1	231.74	2.593	
23,800.0	10,282.8	23,654.2	10,052.6	118.0	118.1	-67.58	-13,369.2	1,544.2	601.7	368.3	233.43	2.578	
23,900.0	10,282.4	23,754.2	10,052.2	118.9	119.0	-67.62	-13,469.2	1,544.3	602.7	367.5	235.13	2.563	
24,000.0	10,282.0	23,854.2	10,051.7	119.7	119.8	-67.65	-13,569.1	1,544.4	603.6	366.8	236.82	2.549	
24,100.0	10,281.6	23,954.2	10,051.2	120.6	120.7	-67.68	-13,669.1	1,544.5	604.5	366.0	238.52	2.535	
24,200.0	10,281.1	24,054.2	10,050.8	121.4	121.5	-67.72	-13,769.1	1,544.5	605.5	365.3	240.22	2.521	
24,300.0	10,280.7	24,154.2	10,050.3	122.3	122.4	-67.75	-13,869.1	1,544.6	606.4	364.5	241.91	2.507	
24,400.0	10,280.3	24,254.2	10,049.9	123.1	123.2	-67.78	-13,969.1	1,544.7	607.3	363.7	243.61	2.493	
24,500.0	10,279.8	24,354.2	10,049.4	124.0	124.1	-67.82	-14,069.1	1,544.8	608.3	363.0	245.30	2.480	
24,600.0	10,279.4	24,454.1	10,048.9	124.9	125.0	-67.85	-14,169.1	1,544.8	609.2	362.2	247.00	2.466	
24,700.0	10,279.0	24,554.1	10,048.5	125.7	125.8	-67.88	-14,269.1	1,544.9	610.1	361.5	248.70	2.453	
24,800.0	10,278.5	24,654.1	10,048.0	126.6	126.7	-67.91	-14,369.1	1,545.0	611.1	360.7	250.40	2.440	
24,900.0	10,278.1	24,754.1	10,047.5	127.4	127.5	-67.95	-14,469.1	1,545.1	612.0	359.9	252.09	2.428	
25,000.0	10,277.7	24,854.1	10,047.1	128.3	128.4	-67.98	-14,569.1	1,545.1	613.0	359.2	253.79	2.415	
25,100.0	10,277.3	24,954.1	10,046.6	129.1	129.2	-68.01	-14,669.1	1,545.2	613.9	358.4	255.49	2.403	
25,200.0	10,276.8	25,054.1	10,046.2	130.0	130.1	-68.04	-14,769.1	1,545.3	614.8	357.6	257.19	2.391	
25,300.0	10,276.4	25,154.1	10,045.7	130.8	130.9	-68.07	-14,869.1	1,545.4	615.8	356.9	258.88	2.379	
25,400.0	10,276.0	25,254.1	10,045.2	131.7	131.8	-68.11	-14,969.1	1,545.4	616.7	356.1	260.58	2.367	
25,500.0	10,275.5	25,354.1	10,044.8	132.5	132.6	-68.14	-15,069.1	1,545.5	617.6	355.4	262.28	2.355	
25,600.0	10,275.1	25,454.1	10,044.3	133.4	133.5	-68.17	-15,169.1	1,545.6	618.6	354.6	263.98	2.343	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #702H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9759-MWD+IFR1+FDIR — **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
25,700.0	10,274.7	25,554.1	10,043.8	134.3	134.4	-68.20	-15,269.0	1,545.7	619.5	353.8	265.68	2.332	
25,800.0	10,274.2	25,654.1	10,043.4	135.1	135.2	-68.23	-15,369.0	1,545.7	620.4	353.1	267.38	2.320	
25,856.7	10,274.0	25,710.8	10,043.1	135.6	135.7	-68.25	-15,425.7	1,545.8	621.0	352.6	268.34	2.314 ES, SF	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #704H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9721-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	-90.38	-0.2	-30.1	30.1				
100.0	100.0	99.8	99.8	3.0	3.0	-90.38	-0.2	-30.1	30.1	24.1	6.00	5.017	
200.0	200.0	199.8	199.8	3.0	3.0	-90.38	-0.2	-30.1	30.1	24.1	6.00	5.014	
300.0	300.0	299.8	299.8	3.0	3.0	-90.38	-0.2	-30.1	30.1	24.1	6.01	5.009	
400.0	400.0	399.8	399.8	3.0	3.0	-90.38	-0.2	-30.1	30.1	24.1	6.02	5.001	
500.0	500.0	499.8	499.8	3.1	3.1	-90.38	-0.2	-30.1	30.1	24.1	6.03	4.991	
600.0	600.0	599.8	599.8	3.1	3.1	-90.38	-0.2	-30.1	30.1	24.1	6.05	4.978	
700.0	700.0	699.8	699.8	3.1	3.1	-90.38	-0.2	-30.1	30.1	24.0	6.07	4.962	
800.0	800.0	799.8	799.8	3.2	3.2	-90.38	-0.2	-30.1	30.1	24.0	6.09	4.944	
900.0	900.0	899.8	899.8	3.2	3.2	-90.38	-0.2	-30.1	30.1	24.0	6.11	4.924	
1,000.0	1,000.0	999.8	999.8	3.2	3.2	-90.38	-0.2	-30.1	30.1	24.0	6.14	4.901	
1,100.0	1,100.0	1,099.8	1,099.8	3.3	3.3	-90.38	-0.2	-30.1	30.1	23.9	6.17	4.877	
1,200.0	1,200.0	1,199.8	1,199.8	3.4	3.4	-90.38	-0.2	-30.1	30.1	23.9	6.21	4.850	
1,300.0	1,300.0	1,299.8	1,299.8	3.4	3.4	-90.38	-0.2	-30.1	30.1	23.9	6.24	4.821	
1,400.0	1,400.0	1,399.8	1,399.8	3.5	3.5	-90.38	-0.2	-30.1	30.1	23.8	6.28	4.790	
1,500.0	1,500.0	1,499.8	1,499.8	3.5	3.5	-90.38	-0.2	-30.1	30.1	23.8	6.33	4.758	
1,600.0	1,600.0	1,599.8	1,599.8	3.6	3.6	-90.38	-0.2	-30.1	30.1	23.7	6.37	4.724	
1,700.0	1,700.0	1,699.8	1,699.8	3.7	3.7	-90.38	-0.2	-30.1	30.1	23.7	6.42	4.688	
1,800.0	1,800.0	1,799.8	1,799.8	3.8	3.8	-90.38	-0.2	-30.1	30.1	23.6	6.47	4.651	
1,900.0	1,900.0	1,899.8	1,899.8	3.9	3.9	-90.38	-0.2	-30.1	30.1	23.6	6.53	4.613	
2,000.0	2,000.0	1,999.8	1,999.8	3.9	3.9	-90.38	-0.2	-30.1	30.1	23.5	6.58	4.573	CC, ES, SF
2,100.0	2,100.0	2,098.7	2,098.7	4.0	4.0	-163.37	0.4	-31.7	33.4	26.8	6.64	5.030	
2,200.0	2,199.8	2,197.0	2,196.8	4.1	4.1	-163.01	2.0	-36.5	43.3	36.6	6.70	6.455	
2,300.0	2,299.5	2,294.0	2,293.5	4.1	4.1	-162.65	4.8	-44.3	59.6	52.8	6.77	8.807	
2,400.0	2,398.7	2,389.1	2,387.9	4.2	4.2	-162.35	8.6	-55.0	82.4	75.5	6.84	12.034	
2,500.0	2,497.7	2,485.3	2,483.2	4.2	4.2	-162.20	13.0	-67.6	108.6	101.6	6.93	15.656	
2,600.0	2,596.8	2,581.9	2,578.8	4.3	4.3	-162.11	17.5	-80.3	134.8	127.8	7.03	19.164	
2,700.0	2,695.8	2,678.4	2,674.3	4.3	4.3	-162.05	21.9	-92.9	161.0	153.9	7.14	22.553	
2,800.0	2,794.8	2,774.9	2,769.9	4.4	4.4	-162.00	26.4	-105.6	187.2	180.0	7.25	25.817	
2,900.0	2,893.8	2,871.4	2,865.5	4.5	4.5	-161.97	30.8	-118.3	213.5	206.1	7.37	28.954	
3,000.0	2,992.9	2,967.9	2,961.0	4.5	4.5	-161.94	35.3	-131.0	239.7	232.2	7.50	31.964	
3,100.0	3,091.9	3,064.4	3,056.6	4.6	4.6	-161.92	39.7	-143.6	265.9	258.3	7.63	34.846	
3,200.0	3,190.9	3,160.9	3,152.1	4.7	4.7	-161.90	44.2	-156.3	292.1	284.4	7.77	37.602	
3,300.0	3,289.9	3,257.4	3,247.7	4.8	4.8	-161.89	48.6	-169.0	318.3	310.4	7.91	40.233	
3,400.0	3,389.0	3,353.9	3,343.3	4.9	4.8	-161.87	53.1	-181.6	344.6	336.5	8.06	42.741	
3,500.0	3,488.0	3,450.4	3,438.8	4.9	4.9	-161.86	57.6	-194.3	370.8	362.6	8.22	45.131	
3,600.0	3,587.0	3,546.9	3,534.4	5.0	5.0	-161.85	62.0	-207.0	397.0	388.6	8.37	47.405	
3,700.0	3,686.0	3,643.4	3,630.0	5.1	5.1	-161.85	66.5	-219.6	423.2	414.7	8.54	49.568	
3,800.0	3,785.1	3,739.9	3,725.5	5.2	5.2	-161.84	70.9	-232.3	449.5	440.8	8.71	51.624	
3,900.0	3,884.1	3,836.4	3,821.1	5.3	5.3	-161.83	75.4	-245.0	475.7	466.8	8.88	53.577	
4,000.0	3,983.1	3,932.9	3,916.6	5.4	5.4	-161.83	79.8	-257.6	501.9	492.9	9.05	55.432	
4,100.0	4,082.2	4,029.4	4,012.2	5.5	5.5	-161.82	84.3	-270.3	528.1	518.9	9.23	57.192	
4,200.0	4,181.2	4,125.9	4,107.8	5.6	5.5	-161.82	88.8	-283.0	554.4	544.9	9.42	58.863	
4,300.0	4,280.2	4,222.4	4,203.3	5.7	5.6	-161.81	93.2	-295.7	580.6	571.0	9.60	60.449	
4,400.0	4,379.2	4,318.9	4,298.9	5.8	5.7	-161.81	97.7	-308.3	606.8	597.0	9.79	61.954	
4,500.0	4,478.3	4,415.4	4,394.4	5.9	5.8	-161.81	102.1	-321.0	633.0	623.0	9.99	63.382	
4,600.0	4,577.3	4,511.9	4,490.0	6.0	5.9	-161.80	106.6	-333.7	659.2	649.1	10.18	64.738	
4,700.0	4,676.3	4,608.4	4,585.6	6.1	6.0	-161.80	111.0	-346.3	685.5	675.1	10.38	66.024	
4,800.0	4,775.3	4,704.9	4,681.1	6.2	6.1	-161.80	115.5	-359.0	711.7	701.1	10.58	67.245	
4,900.0	4,874.4	4,801.4	4,776.7	6.3	6.2	-161.79	120.0	-371.7	737.9	727.1	10.79	68.404	
5,000.0	4,973.4	4,897.9	4,872.3	6.4	6.3	-161.79	124.4	-384.3	764.1	753.1	10.99	69.505	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #704H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9721-MWD+IFR1+FDIR — **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
5,100.0	5,072.4	4,994.4	4,967.8	6.5	6.5	-161.79	128.9	-397.0	790.4	779.2	11.20	70.550	
5,200.0	5,171.5	5,090.9	5,063.4	6.6	6.6	-161.79	133.3	-409.7	816.6	805.2	11.41	71.543	
5,300.0	5,270.5	5,187.4	5,158.9	6.8	6.7	-161.78	137.8	-422.3	842.8	831.2	11.63	72.487	
5,400.0	5,369.5	5,283.9	5,254.5	6.9	6.8	-161.78	142.2	-435.0	869.0	857.2	11.84	73.383	
5,500.0	5,468.5	5,380.4	5,350.1	7.0	6.9	-161.78	146.7	-447.7	895.3	883.2	12.06	74.236	
5,600.0	5,567.6	5,476.9	5,445.6	7.1	7.0	-161.78	151.2	-460.4	921.5	909.2	12.28	75.047	
5,700.0	5,666.6	5,573.4	5,541.2	7.2	7.1	-161.78	155.6	-473.0	947.7	935.2	12.50	75.818	
5,800.0	5,765.6	5,669.9	5,636.7	7.3	7.2	-161.78	160.1	-485.7	973.9	961.2	12.72	76.552	

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #705H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9626-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	-90.29	-0.3	-60.1	60.1				
100.0	100.0	99.7	99.7	3.0	3.0	-90.29	-0.3	-60.1	60.1	54.1	6.00	10.016	
200.0	200.0	199.7	199.7	3.0	3.0	-90.29	-0.3	-60.1	60.1	54.1	6.00	10.012	
300.0	300.0	299.7	299.7	3.0	3.0	-90.29	-0.3	-60.1	60.1	54.1	6.01	10.002	
400.0	400.0	399.7	399.7	3.0	3.0	-90.29	-0.3	-60.1	60.1	54.1	6.02	9.986	
500.0	500.0	499.7	499.7	3.1	3.1	-90.29	-0.3	-60.1	60.1	54.1	6.03	9.965	
600.0	600.0	599.7	599.7	3.1	3.1	-90.29	-0.3	-60.1	60.1	54.1	6.05	9.939	
700.0	700.0	699.7	699.7	3.1	3.1	-90.29	-0.3	-60.1	60.1	54.0	6.07	9.908	
800.0	800.0	799.7	799.7	3.2	3.2	-90.29	-0.3	-60.1	60.1	54.0	6.09	9.872	
900.0	900.0	899.7	899.7	3.2	3.2	-90.29	-0.3	-60.1	60.1	54.0	6.11	9.832	
1,000.0	1,000.0	999.7	999.7	3.2	3.2	-90.29	-0.3	-60.1	60.1	54.0	6.14	9.787	
1,100.0	1,100.0	1,099.7	1,099.7	3.3	3.3	-90.29	-0.3	-60.1	60.1	53.9	6.17	9.737	
1,200.0	1,200.0	1,199.7	1,199.7	3.4	3.4	-90.29	-0.3	-60.1	60.1	53.9	6.21	9.683	
1,300.0	1,300.0	1,299.7	1,299.7	3.4	3.4	-90.29	-0.3	-60.1	60.1	53.9	6.24	9.626	
1,400.0	1,400.0	1,399.7	1,399.7	3.5	3.5	-90.29	-0.3	-60.1	60.1	53.8	6.28	9.564	
1,500.0	1,500.0	1,499.7	1,499.7	3.5	3.5	-90.29	-0.3	-60.1	60.1	53.8	6.33	9.499	
1,600.0	1,600.0	1,599.7	1,599.7	3.6	3.6	-90.29	-0.3	-60.1	60.1	53.7	6.37	9.431	
1,700.0	1,700.0	1,699.7	1,699.7	3.7	3.7	-90.29	-0.3	-60.1	60.1	53.7	6.42	9.360	
1,800.0	1,800.0	1,799.7	1,799.7	3.8	3.8	-90.29	-0.3	-60.1	60.1	53.6	6.47	9.286	
1,900.0	1,900.0	1,899.7	1,899.7	3.9	3.9	-90.29	-0.3	-60.1	60.1	53.6	6.53	9.210	
2,000.0	2,000.0	1,999.7	1,999.7	3.9	3.9	-90.29	-0.3	-60.1	60.1	53.5	6.58	9.132	CC, ES, SF
2,100.0	2,100.0	2,097.6	2,097.6	4.0	4.0	-163.53	0.1	-61.7	63.4	56.8	6.64	9.554	
2,200.0	2,199.8	2,194.8	2,194.7	4.1	4.0	-163.74	1.1	-66.6	73.4	66.7	6.70	10.955	
2,300.0	2,299.5	2,290.8	2,290.3	4.1	4.1	-163.97	2.9	-74.5	90.0	83.2	6.77	13.291	
2,400.0	2,398.7	2,384.9	2,383.7	4.2	4.1	-164.15	5.3	-85.3	113.0	106.1	6.84	16.508	
2,500.0	2,497.7	2,477.0	2,474.8	4.2	4.2	-164.24	8.3	-98.8	140.7	133.7	6.92	20.315	
2,600.0	2,596.8	2,571.3	2,567.7	4.3	4.2	-164.11	11.8	-114.7	170.5	163.5	7.02	24.285	
2,700.0	2,695.8	2,666.7	2,661.7	4.3	4.3	-164.02	15.4	-130.9	200.4	193.3	7.13	28.121	
2,800.0	2,794.8	2,762.2	2,755.6	4.4	4.3	-163.95	19.0	-147.0	230.4	223.1	7.24	31.812	
2,900.0	2,893.8	2,857.6	2,849.6	4.5	4.4	-163.89	22.6	-163.2	260.3	252.9	7.36	35.356	
3,000.0	2,992.9	2,953.0	2,943.6	4.5	4.5	-163.85	26.2	-179.4	290.2	282.7	7.49	38.752	
3,100.0	3,091.9	3,048.4	3,037.5	4.6	4.5	-163.82	29.8	-195.6	320.1	312.5	7.62	42.000	
3,200.0	3,190.9	3,143.8	3,131.5	4.7	4.6	-163.79	33.4	-211.7	350.1	342.3	7.76	45.102	
3,300.0	3,289.9	3,239.2	3,225.5	4.8	4.7	-163.76	36.9	-227.9	380.0	372.1	7.91	48.060	
3,400.0	3,389.0	3,334.6	3,319.4	4.9	4.8	-163.74	40.5	-244.1	409.9	401.9	8.06	50.877	
3,500.0	3,488.0	3,430.1	3,413.4	4.9	4.8	-163.72	44.1	-260.3	439.9	431.7	8.21	53.558	
3,600.0	3,587.0	3,525.5	3,507.4	5.0	4.9	-163.71	47.7	-276.4	469.8	461.4	8.37	56.107	
3,700.0	3,686.0	3,620.9	3,601.3	5.1	5.0	-163.69	51.3	-292.6	499.7	491.2	8.54	58.528	
3,800.0	3,785.1	3,716.3	3,695.3	5.2	5.1	-163.68	54.9	-308.8	529.7	520.9	8.71	60.826	
3,900.0	3,884.1	3,811.7	3,789.3	5.3	5.2	-163.67	58.5	-325.0	559.6	550.7	8.88	63.007	
4,000.0	3,983.1	3,907.1	3,883.2	5.4	5.3	-163.66	62.1	-341.1	589.5	580.5	9.06	65.075	
4,100.0	4,082.2	4,002.6	3,977.2	5.5	5.4	-163.65	65.7	-357.3	619.4	610.2	9.24	67.037	
4,200.0	4,181.2	4,098.0	4,071.2	5.6	5.5	-163.64	69.2	-373.5	649.4	639.9	9.43	68.896	
4,300.0	4,280.2	4,193.4	4,165.1	5.7	5.6	-163.64	72.8	-389.7	679.3	669.7	9.61	70.659	
4,400.0	4,379.2	4,288.8	4,259.1	5.8	5.7	-163.63	76.4	-405.8	709.2	699.4	9.81	72.330	
4,500.0	4,478.3	4,384.2	4,353.1	5.9	5.8	-163.62	80.0	-422.0	739.2	729.2	10.00	73.914	
4,600.0	4,577.3	4,479.6	4,447.0	6.0	5.9	-163.62	83.6	-438.2	769.1	758.9	10.20	75.415	
4,700.0	4,676.3	4,575.1	4,541.0	6.1	6.0	-163.61	87.2	-454.4	799.0	788.6	10.40	76.839	
4,800.0	4,775.3	4,670.5	4,635.0	6.2	6.1	-163.61	90.8	-470.5	829.0	818.4	10.60	78.188	
4,900.0	4,874.4	4,765.9	4,728.9	6.3	6.2	-163.60	94.4	-486.7	858.9	848.1	10.81	79.468	
5,000.0	4,973.4	4,861.3	4,822.9	6.4	6.3	-163.60	98.0	-502.9	888.8	877.8	11.02	80.682	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #705H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9626-MWD+IFR1+FDIR — **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
5,100.0	5,072.4	4,956.7	4,916.9	6.5	6.4	-163.60	101.6	-519.1	918.7	907.5	11.23	81.834	
5,200.0	5,171.5	5,052.1	5,010.8	6.6	6.5	-163.59	105.1	-535.2	948.7	937.2	11.44	82.927	
5,300.0	5,270.5	5,147.5	5,104.8	6.8	6.6	-163.59	108.7	-551.4	978.6	966.9	11.66	83.964	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #710H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9550-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	178.22	-45.1	1.4	45.1				
100.0	100.0	99.8	99.8	3.0	3.0	178.22	-45.1	1.4	45.1	39.1	6.00	7.519	
200.0	200.0	199.8	199.8	3.0	3.0	178.22	-45.1	1.4	45.1	39.1	6.01	7.507	
300.0	300.0	299.8	299.8	3.0	3.0	178.22	-45.1	1.4	45.1	39.1	6.03	7.480	
400.0	400.0	399.8	399.8	3.0	3.0	178.22	-45.1	1.4	45.1	39.1	6.07	7.439	
500.0	500.0	499.8	499.8	3.1	3.1	178.22	-45.1	1.4	45.1	39.0	6.11	7.385	
600.0	600.0	599.8	599.8	3.1	3.1	178.22	-45.1	1.4	45.1	39.0	6.16	7.319	
700.0	700.0	699.8	699.8	3.1	3.1	178.22	-45.1	1.4	45.1	38.9	6.23	7.242	
800.0	800.0	799.8	799.8	3.2	3.2	178.22	-45.1	1.4	45.1	38.8	6.31	7.154	
900.0	900.0	899.8	899.8	3.2	3.2	178.22	-45.1	1.4	45.1	38.7	6.39	7.058	
1,000.0	1,000.0	999.8	999.8	3.2	3.2	178.22	-45.1	1.4	45.1	38.6	6.49	6.954	
1,100.0	1,100.0	1,099.8	1,099.8	3.3	3.3	178.22	-45.1	1.4	45.1	38.5	6.59	6.843	
1,200.0	1,200.0	1,199.8	1,199.8	3.4	3.4	178.22	-45.1	1.4	45.1	38.4	6.71	6.727	
1,300.0	1,300.0	1,299.8	1,299.8	3.4	3.4	178.22	-45.1	1.4	45.1	38.3	6.83	6.607	
1,400.0	1,400.0	1,399.8	1,399.8	3.5	3.5	178.22	-45.1	1.4	45.1	38.2	6.96	6.484	
1,500.0	1,500.0	1,499.8	1,499.8	3.5	3.5	178.22	-45.1	1.4	45.1	38.0	7.10	6.359	
1,600.0	1,600.0	1,599.8	1,599.8	3.6	3.6	178.22	-45.1	1.4	45.1	37.9	7.24	6.232	
1,700.0	1,700.0	1,699.8	1,699.8	3.7	3.7	178.22	-45.1	1.4	45.1	37.7	7.39	6.105	
1,800.0	1,800.0	1,799.8	1,799.8	3.8	3.8	178.22	-45.1	1.4	45.1	37.6	7.55	5.978	
1,900.0	1,900.0	1,899.8	1,899.8	3.9	3.9	178.22	-45.1	1.4	45.1	37.4	7.71	5.852	
2,000.0	2,000.0	1,999.8	1,999.8	3.9	3.9	178.22	-45.1	1.4	45.1	37.2	7.88	5.727	CC, ES
2,100.0	2,100.0	2,099.8	2,099.8	4.0	4.0	107.17	-45.1	1.4	45.6	37.6	8.03	5.679	
2,200.0	2,199.8	2,199.6	2,199.6	4.1	4.1	113.18	-45.1	1.4	47.4	39.3	8.16	5.814	
2,300.0	2,299.5	2,299.3	2,299.3	4.1	4.2	122.04	-45.1	1.4	51.5	43.2	8.24	6.250	
2,400.0	2,398.7	2,398.5	2,398.5	4.2	4.3	131.99	-45.1	1.4	58.9	50.6	8.24	7.142	
2,500.0	2,497.7	2,497.5	2,497.5	4.2	4.4	140.58	-45.1	1.4	69.0	60.8	8.22	8.397	
2,600.0	2,596.8	2,599.2	2,599.2	4.3	4.5	146.67	-44.2	2.8	78.7	70.5	8.23	9.567	
2,700.0	2,695.8	2,701.6	2,701.5	4.3	4.5	150.89	-41.2	7.3	85.6	77.3	8.27	10.343	
2,800.0	2,794.8	2,804.4	2,803.8	4.4	4.6	154.09	-36.2	14.9	89.3	80.9	8.34	10.703	
2,900.0	2,893.8	2,904.3	2,903.1	4.5	4.7	156.83	-30.5	23.6	91.6	83.2	8.43	10.871	
3,000.0	2,992.9	3,004.1	3,002.5	4.5	4.8	159.42	-24.8	32.4	94.1	85.6	8.52	11.055	
3,100.0	3,091.9	3,104.0	3,101.8	4.6	4.8	161.87	-19.0	41.1	96.9	88.3	8.61	11.250	
3,200.0	3,190.9	3,203.9	3,201.1	4.7	4.9	164.19	-13.3	49.8	99.7	91.0	8.71	11.456	
3,300.0	3,289.9	3,303.8	3,300.5	4.8	5.0	166.37	-7.6	58.5	102.8	94.0	8.81	11.669	
3,400.0	3,389.0	3,403.7	3,399.8	4.9	5.1	168.42	-1.8	67.3	106.0	97.0	8.91	11.888	
3,500.0	3,488.0	3,503.5	3,499.1	4.9	5.2	170.36	3.9	76.0	109.3	100.2	9.02	12.111	
3,600.0	3,587.0	3,603.4	3,598.5	5.0	5.3	172.17	9.6	84.7	112.7	103.5	9.13	12.336	
3,700.0	3,686.0	3,703.3	3,697.8	5.1	5.3	173.88	15.3	93.4	116.2	107.0	9.25	12.562	
3,800.0	3,785.1	3,803.2	3,797.1	5.2	5.4	175.49	21.1	102.2	119.8	110.5	9.37	12.788	
3,900.0	3,884.1	3,903.1	3,896.5	5.3	5.5	177.00	26.8	110.9	123.5	114.1	9.49	13.012	
4,000.0	3,983.1	4,002.9	3,995.8	5.4	5.6	178.42	32.5	119.6	127.3	117.7	9.62	13.235	
4,100.0	4,082.2	4,102.8	4,095.1	5.5	5.7	179.76	38.3	128.3	131.2	121.5	9.75	13.454	
4,200.0	4,181.2	4,202.7	4,194.5	5.6	5.8	-178.98	44.0	137.1	135.1	125.3	9.89	13.669	
4,300.0	4,280.2	4,302.6	4,293.8	5.7	5.9	-177.79	49.7	145.8	139.1	129.1	10.02	13.881	
4,400.0	4,379.2	4,402.5	4,393.1	5.8	6.0	-176.67	55.5	154.5	143.2	133.0	10.17	14.087	
4,500.0	4,478.3	4,502.3	4,492.5	5.9	6.1	-175.60	61.2	163.2	147.3	137.0	10.31	14.289	
4,600.0	4,577.3	4,602.2	4,591.8	6.0	6.2	-174.60	66.9	172.0	151.5	141.0	10.46	14.485	
4,700.0	4,676.3	4,702.1	4,691.1	6.1	6.3	-173.65	72.7	180.7	155.7	145.1	10.61	14.676	
4,800.0	4,775.3	4,802.0	4,790.5	6.2	6.4	-172.75	78.4	189.4	159.9	149.1	10.76	14.861	
4,900.0	4,874.4	4,901.9	4,889.8	6.3	6.5	-171.90	84.1	198.2	164.2	153.3	10.92	15.040	
5,000.0	4,973.4	5,001.7	4,989.1	6.4	6.6	-171.09	89.9	206.9	168.5	157.4	11.07	15.214	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #710H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9550-MWD+IFR1+FDIR — **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
5,100.0	5,072.4	5,101.6	5,088.5	6.5	6.7	-170.32	95.6	215.6	172.8	161.6	11.24	15.381	
5,200.0	5,171.5	5,201.5	5,187.8	6.6	6.8	-169.59	101.3	224.3	177.2	165.8	11.40	15.543	
5,300.0	5,270.5	5,301.4	5,287.1	6.8	6.9	-168.90	107.1	233.1	181.6	170.0	11.57	15.699	
5,400.0	5,369.5	5,401.3	5,386.5	6.9	7.1	-168.23	112.8	241.8	186.0	174.3	11.74	15.849	
5,500.0	5,468.5	5,501.1	5,485.8	7.0	7.2	-167.60	118.5	250.5	190.5	178.6	11.91	15.993	
5,600.0	5,567.6	5,601.0	5,585.1	7.1	7.3	-167.00	124.2	259.2	194.9	182.9	12.08	16.132	
5,700.0	5,666.6	5,700.9	5,684.4	7.2	7.4	-166.42	130.0	268.0	199.4	187.2	12.26	16.266	
5,800.0	5,765.6	5,800.8	5,783.8	7.3	7.5	-165.87	135.7	276.7	203.9	191.5	12.44	16.394	
5,900.0	5,864.6	5,900.6	5,883.1	7.4	7.6	-165.35	141.4	285.4	208.5	195.8	12.62	16.516	
6,000.0	5,963.7	6,000.5	5,982.4	7.6	7.7	-164.84	147.2	294.1	213.0	200.2	12.81	16.634	
6,100.0	6,062.7	6,100.4	6,081.8	7.7	7.8	-164.36	152.9	302.9	217.6	204.6	12.99	16.747	
6,200.0	6,161.7	6,200.3	6,181.1	7.8	7.9	-163.90	158.6	311.6	222.1	209.0	13.18	16.854	
6,300.0	6,260.7	6,300.2	6,280.4	7.9	8.1	-163.45	164.4	320.3	226.7	213.4	13.37	16.957	
6,400.0	6,359.8	6,400.0	6,379.8	8.0	8.2	-163.02	170.1	329.1	231.3	217.8	13.56	17.056	
6,500.0	6,458.8	6,499.9	6,479.1	8.2	8.3	-162.61	175.8	337.8	236.0	222.2	13.76	17.150	
6,600.0	6,557.8	6,599.8	6,578.4	8.3	8.4	-162.22	181.6	346.5	240.6	226.6	13.95	17.240	
6,700.0	6,656.9	6,699.7	6,677.8	8.4	8.5	-161.84	187.3	355.2	245.2	231.1	14.15	17.326	
6,800.0	6,755.9	6,799.6	6,777.1	8.5	8.6	-161.47	193.0	364.0	249.9	235.5	14.35	17.407	
6,900.0	6,854.9	6,899.4	6,876.4	8.7	8.8	-161.12	198.8	372.7	254.5	240.0	14.56	17.485	
7,000.0	6,953.9	6,999.3	6,975.8	8.8	8.9	-160.78	204.5	381.4	259.2	244.4	14.76	17.559	
7,100.0	7,053.0	7,099.2	7,075.1	8.9	9.0	-160.46	210.2	390.1	263.9	248.9	14.97	17.630	
7,200.0	7,152.0	7,199.1	7,174.4	9.0	9.1	-160.14	215.9	398.9	268.5	253.4	15.17	17.697	
7,300.0	7,251.0	7,299.0	7,273.8	9.2	9.2	-159.83	221.7	407.6	273.2	257.9	15.38	17.761	
7,400.0	7,350.0	7,398.8	7,373.1	9.3	9.4	-159.54	227.4	416.3	277.9	262.3	15.60	17.821	
7,500.0	7,449.1	7,498.7	7,472.4	9.4	9.5	-159.26	233.1	425.0	282.6	266.8	15.81	17.878	
7,600.0	7,548.1	7,598.6	7,571.8	9.5	9.6	-158.98	238.9	433.8	287.4	271.3	16.02	17.933	
7,700.0	7,647.1	7,698.5	7,671.1	9.7	9.7	-158.71	244.6	442.5	292.1	275.8	16.24	17.984	
7,800.0	7,746.1	7,796.5	7,768.6	9.8	9.8	-158.48	250.1	450.9	296.9	280.5	16.46	18.040	
7,900.0	7,845.2	7,892.4	7,864.1	9.9	9.9	-158.42	254.8	458.0	302.9	286.2	16.69	18.148	
8,000.0	7,944.2	7,988.1	7,959.6	10.1	10.1	-158.55	258.6	463.7	310.3	293.3	16.94	18.316	
8,100.0	8,043.2	8,083.5	8,054.9	10.2	10.2	-158.84	261.5	468.1	318.9	301.7	17.20	18.543	
8,200.0	8,142.3	8,178.7	8,150.0	10.3	10.3	-159.29	263.5	471.2	328.9	311.4	17.47	18.828	
8,300.0	8,241.3	8,273.6	8,244.8	10.5	10.4	-159.87	264.6	473.0	340.2	322.4	17.75	19.163	
8,400.0	8,340.3	8,368.9	8,340.1	10.6	10.5	-160.56	264.9	473.4	352.8	334.8	18.02	19.575	
8,495.5	8,434.9	8,463.4	8,434.7	10.7	10.6	-161.26	264.9	473.4	365.4	347.2	18.24	20.034	
8,500.0	8,439.3	8,467.9	8,439.1	10.7	10.6	-161.29	264.9	473.4	366.0	347.7	18.25	20.055	
8,600.0	8,538.5	8,567.1	8,538.3	10.9	10.7	-161.96	264.9	473.4	378.3	359.8	18.47	20.485	
8,700.0	8,637.9	8,666.4	8,637.7	11.0	10.8	-162.50	264.9	473.4	389.0	370.3	18.68	20.828	
8,800.0	8,737.4	8,766.0	8,737.2	11.1	10.9	-162.94	264.9	473.4	398.1	379.2	18.88	21.087	
8,900.0	8,837.1	8,865.7	8,836.9	11.2	11.0	-163.28	264.9	473.4	405.5	386.5	19.07	21.262	
9,000.0	8,936.9	8,965.5	8,936.7	11.4	11.2	-163.54	264.9	473.4	411.3	392.1	19.26	21.356	
9,100.0	9,036.8	9,065.4	9,036.6	11.4	11.3	-163.72	264.9	473.4	415.4	396.0	19.44	21.372	
9,200.0	9,136.8	9,165.4	9,136.6	11.5	11.4	-163.82	264.9	473.4	417.9	398.3	19.61	21.309	
9,295.5	9,232.3	9,260.8	9,232.1	11.6	11.5	-90.70	264.9	473.4	418.6	398.9	19.74	21.212	
9,300.0	9,236.8	9,265.4	9,236.6	11.6	11.5	-90.70	264.9	473.4	418.6	398.9	19.74	21.208	
9,400.0	9,336.8	9,365.4	9,336.6	11.7	11.6	-90.70	264.9	473.4	418.6	398.8	19.83	21.109	
9,500.0	9,436.8	9,465.4	9,436.6	11.8	11.7	-90.70	264.9	473.4	418.6	398.7	19.93	21.010	
9,600.0	9,536.8	9,565.6	9,536.8	11.9	11.8	-90.73	264.7	473.4	418.6	398.6	20.01	20.917	
9,677.0	9,613.8	9,642.8	9,613.6	12.0	11.8	-91.75	257.2	473.6	418.6	398.4	20.15	20.772	
9,700.0	9,636.8	9,665.3	9,635.7	12.0	11.8	-92.31	253.1	473.8	418.6	398.4	20.22	20.701	
9,800.0	9,736.8	9,758.4	9,725.0	12.1	11.9	-95.88	227.0	474.6	419.8	399.2	20.58	20.395	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #710H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9550-MWD+IFR1+FDIR — **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
9,829.4	9,766.2	9,784.0	9,748.6	12.1	11.9	-97.20	217.3	474.9	420.8	400.1	20.72	20.306	
9,850.0	9,786.8	9,800.0	9,763.3	12.1	11.9	83.61	210.7	475.1	421.7	400.9	20.82	20.257	
9,900.0	9,836.6	9,843.0	9,801.5	12.1	11.9	81.09	191.0	475.7	424.5	403.5	21.09	20.130	
9,950.0	9,885.9	9,883.7	9,836.2	12.1	11.9	78.73	169.8	476.3	428.1	406.7	21.38	20.024	
10,000.0	9,934.3	9,923.6	9,868.6	12.1	12.0	76.47	146.7	477.0	432.2	410.5	21.70	19.916	
10,050.0	9,981.4	9,962.7	9,898.8	12.2	12.0	74.33	121.9	477.8	436.7	414.7	22.06	19.798	
10,100.0	10,026.8	10,000.0	9,926.0	12.2	12.0	72.35	96.3	478.6	441.6	419.1	22.46	19.659	
10,150.0	10,070.3	10,039.0	9,952.5	12.2	12.1	70.42	67.8	479.4	446.6	423.7	22.90	19.507	
10,200.0	10,111.5	10,076.3	9,976.1	12.3	12.1	68.68	38.8	480.3	451.7	428.4	23.37	19.333	
10,250.0	10,150.0	10,113.2	9,997.5	12.3	12.2	67.08	8.7	481.2	456.8	432.9	23.86	19.145	
10,300.0	10,185.6	10,150.0	10,016.8	12.4	12.2	65.63	-22.5	482.2	461.6	437.3	24.36	18.949	
10,350.0	10,218.1	10,186.0	10,033.7	12.4	12.3	64.35	-54.2	483.2	466.3	441.4	24.87	18.745	
10,400.0	10,247.0	10,221.9	10,048.6	12.5	12.3	63.21	-86.9	484.2	470.5	445.2	25.38	18.543	
10,450.0	10,272.4	10,257.6	10,061.3	12.6	12.4	62.23	-120.2	485.2	474.4	448.5	25.86	18.346	
10,500.0	10,293.8	10,300.0	10,073.8	12.7	12.4	61.30	-160.8	486.4	477.8	451.5	26.30	18.171	
10,550.0	10,311.3	10,328.3	10,080.3	12.7	12.5	60.73	-188.3	487.3	480.6	453.8	26.73	17.979	
10,600.0	10,324.6	10,363.5	10,086.6	12.8	12.5	60.21	-222.9	488.3	482.8	455.7	27.10	17.814	
10,650.0	10,333.7	10,400.0	10,090.9	12.9	12.6	59.83	-259.1	489.4	484.4	457.0	27.43	17.661	
10,700.0	10,338.4	10,433.6	10,092.8	13.0	12.6	59.62	-292.6	490.4	485.4	457.7	27.69	17.528	
10,731.9	10,339.2	10,457.8	10,092.9	13.0	12.7	59.56	-316.8	491.2	485.6	457.8	27.84	17.442	
10,800.0	10,338.9	10,525.9	10,092.6	13.2	12.8	59.56	-384.9	493.3	485.7	457.4	28.26	17.182	
10,900.0	10,338.4	10,625.9	10,092.1	13.5	13.0	59.56	-484.8	496.3	485.7	456.7	28.96	16.773	
11,000.0	10,338.0	10,725.9	10,091.7	13.8	13.2	59.56	-584.8	499.4	485.7	456.0	29.73	16.340	
11,100.0	10,337.6	10,825.9	10,091.2	14.2	13.6	59.55	-684.8	502.4	485.8	455.2	30.57	15.890	
11,200.0	10,337.1	10,925.9	10,090.8	14.7	14.0	59.55	-784.7	505.5	485.8	454.3	31.48	15.431	
11,300.0	10,336.7	11,025.9	10,090.3	15.2	14.5	59.55	-884.7	508.5	485.8	453.4	32.45	14.969	
11,400.0	10,336.3	11,125.9	10,089.8	15.8	15.0	59.55	-984.6	511.6	485.9	452.4	33.48	14.510	
11,500.0	10,335.8	11,225.9	10,089.4	16.3	15.6	59.55	-1,084.6	514.7	485.9	451.3	34.57	14.057	
11,600.0	10,335.4	11,325.9	10,088.9	17.0	16.2	59.55	-1,184.5	517.7	485.9	450.2	35.69	13.614	
11,700.0	10,334.9	11,425.9	10,088.4	17.6	16.9	59.55	-1,284.5	520.8	486.0	449.1	36.86	13.183	
11,800.0	10,334.5	11,525.9	10,088.0	18.3	17.5	59.54	-1,384.4	523.8	486.0	447.9	38.07	12.765	
11,900.0	10,334.1	11,625.9	10,087.5	19.0	18.2	59.54	-1,484.4	526.9	486.0	446.7	39.31	12.362	
12,000.0	10,333.6	11,725.9	10,087.1	19.7	19.0	59.54	-1,584.3	529.9	486.1	445.5	40.59	11.975	
12,100.0	10,333.2	11,825.9	10,086.6	20.4	19.7	59.54	-1,684.3	533.0	486.1	444.2	41.89	11.603	
12,200.0	10,332.8	11,925.9	10,086.1	21.1	20.4	59.54	-1,784.2	536.1	486.1	442.9	43.22	11.247	
12,300.0	10,332.3	12,025.9	10,085.7	21.8	21.2	59.54	-1,884.2	539.1	486.2	441.6	44.58	10.906	
12,400.0	10,331.9	12,125.9	10,085.2	22.6	21.9	59.53	-1,984.1	542.2	486.2	440.2	45.95	10.580	
12,500.0	10,331.5	12,225.9	10,084.7	23.3	22.7	59.53	-2,084.1	545.2	486.2	438.9	47.35	10.269	
12,600.0	10,331.0	12,325.9	10,084.3	24.1	23.5	59.53	-2,184.0	548.3	486.3	437.5	48.76	9.972	
12,700.0	10,330.6	12,425.9	10,083.8	24.8	24.3	59.53	-2,284.0	551.3	486.3	436.1	50.19	9.689	
12,800.0	10,330.2	12,525.9	10,083.4	25.6	25.1	59.53	-2,383.9	554.4	486.3	434.7	51.64	9.418	
12,900.0	10,329.7	12,625.9	10,082.9	26.4	25.9	59.53	-2,483.9	557.4	486.4	433.3	53.10	9.160	
13,000.0	10,329.3	12,725.9	10,082.4	27.2	26.7	59.53	-2,583.8	560.5	486.4	431.8	54.57	8.913	
13,100.0	10,328.9	12,825.9	10,082.0	28.0	27.5	59.52	-2,683.8	563.6	486.4	430.4	56.05	8.678	
13,200.0	10,328.4	12,925.9	10,081.5	28.7	28.3	59.52	-2,783.7	566.6	486.5	428.9	57.55	8.453	
13,300.0	10,328.0	13,025.9	10,081.0	29.5	29.1	59.52	-2,883.7	569.7	486.5	427.4	59.05	8.238	
13,400.0	10,327.6	13,125.9	10,080.6	30.3	29.9	59.52	-2,983.7	572.7	486.5	426.0	60.57	8.033	
13,500.0	10,327.1	13,225.9	10,080.1	31.1	30.7	59.52	-3,083.6	575.8	486.6	424.5	62.09	7.836	
13,600.0	10,326.7	13,325.9	10,079.6	32.0	31.5	59.52	-3,183.6	578.8	486.6	423.0	63.62	7.648	
13,700.0	10,326.3	13,425.9	10,079.2	32.8	32.3	59.51	-3,283.5	581.9	486.6	421.5	65.16	7.468	
13,800.0	10,325.8	13,525.9	10,078.7	33.6	33.2	59.51	-3,383.5	585.0	486.7	420.0	66.71	7.295	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #710H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9550-MWD+IFR1+FDIR — **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
13,900.0	10,325.4	13,625.9	10,078.3	34.4	34.0	59.51	-3,483.4	588.0	486.7	418.4	68.26	7.130	
14,000.0	10,325.0	13,725.9	10,077.8	35.2	34.8	59.51	-3,583.4	591.1	486.7	416.9	69.82	6.971	
14,100.0	10,324.5	13,825.9	10,077.3	36.0	35.7	59.51	-3,683.3	594.1	486.8	415.4	71.38	6.819	
14,200.0	10,324.1	13,925.9	10,076.9	36.8	36.5	59.51	-3,783.3	597.2	486.8	413.8	72.95	6.673	
14,300.0	10,323.7	14,025.9	10,076.4	37.7	37.3	59.51	-3,883.2	600.2	486.8	412.3	74.53	6.532	
14,400.0	10,323.2	14,125.9	10,075.9	38.5	38.1	59.50	-3,983.2	603.3	486.9	410.8	76.11	6.397	
14,500.0	10,322.8	14,225.9	10,075.5	39.3	39.0	59.50	-4,083.1	606.3	486.9	409.2	77.69	6.267	
14,600.0	10,322.4	14,325.9	10,075.0	40.1	39.8	59.50	-4,183.1	609.4	486.9	407.7	79.28	6.142	
14,700.0	10,321.9	14,425.9	10,074.6	41.0	40.7	59.50	-4,283.0	612.5	487.0	406.1	80.87	6.022	
14,800.0	10,321.5	14,525.9	10,074.1	41.8	41.5	59.50	-4,383.0	615.5	487.0	404.5	82.46	5.906	
14,900.0	10,321.0	14,625.9	10,073.6	42.6	42.3	59.50	-4,482.9	618.6	487.0	403.0	84.06	5.794	
15,000.0	10,320.6	14,725.9	10,073.2	43.5	43.2	59.49	-4,582.9	621.6	487.1	401.4	85.66	5.686	
15,100.0	10,320.2	14,825.9	10,072.7	44.3	44.0	59.49	-4,682.8	624.7	487.1	399.8	87.27	5.582	
15,200.0	10,319.7	14,925.9	10,072.2	45.1	44.9	59.49	-4,782.8	627.7	487.1	398.3	88.87	5.481	
15,300.0	10,319.3	15,025.9	10,071.8	46.0	45.7	59.49	-4,882.7	630.8	487.2	396.7	90.49	5.384	
15,400.0	10,318.9	15,125.9	10,071.3	46.8	46.5	59.49	-4,982.7	633.9	487.2	395.1	92.10	5.290	
15,417.4	10,318.8	15,141.6	10,071.2	46.9	46.7	59.49	-4,998.4	634.3	487.2	394.9	92.37	5.275	
15,500.0	10,318.4	15,213.6	10,070.9	47.6	47.3	59.51	-5,070.4	635.3	487.4	393.8	93.62	5.206	
15,527.1	10,318.3	15,238.9	10,070.8	47.9	47.5	59.51	-5,095.6	635.2	487.4	393.4	94.04	5.183	
15,528.9	10,318.3	15,238.9	10,070.8	47.9	47.5	59.51	-5,095.6	635.2	487.4	393.4	94.05	5.183	
15,600.0	10,318.0	15,309.9	10,070.5	48.5	48.1	59.51	-5,166.7	634.7	487.4	392.3	95.19	5.121	
15,700.0	10,317.6	15,409.9	10,070.0	49.3	48.9	59.50	-5,266.7	633.9	487.5	390.7	96.80	5.036	
15,800.0	10,317.2	15,509.9	10,069.5	50.1	49.8	59.50	-5,366.7	633.2	487.5	389.1	98.42	4.953	
15,900.0	10,316.7	15,609.9	10,069.1	51.0	50.6	59.50	-5,466.7	632.4	487.5	387.5	100.03	4.873	
16,000.0	10,316.3	15,709.9	10,068.6	51.8	51.4	59.49	-5,566.7	631.7	487.5	385.9	101.65	4.796	
16,100.0	10,315.9	15,809.9	10,068.1	52.7	52.3	59.49	-5,666.7	630.9	487.5	384.3	103.27	4.721	
16,200.0	10,315.4	15,909.9	10,067.7	53.5	53.1	59.48	-5,766.7	630.2	487.6	382.7	104.89	4.648	
16,300.0	10,315.0	16,009.9	10,067.2	54.3	54.0	59.48	-5,866.7	629.4	487.6	381.1	106.52	4.577	
16,400.0	10,314.6	16,109.9	10,066.8	55.2	54.8	59.48	-5,966.7	628.7	487.6	379.4	108.14	4.509	
16,500.0	10,314.2	16,209.9	10,066.3	56.0	55.7	59.47	-6,066.7	627.9	487.6	377.8	109.77	4.442	
16,600.0	10,313.7	16,309.9	10,065.8	56.8	56.5	59.47	-6,166.6	627.2	487.6	376.2	111.40	4.377	
16,700.0	10,313.3	16,409.9	10,065.4	57.7	57.3	59.47	-6,266.6	626.4	487.6	374.6	113.03	4.314	
16,800.0	10,312.9	16,509.9	10,064.9	58.5	58.2	59.46	-6,366.6	625.7	487.7	373.0	114.66	4.253	
16,900.0	10,312.4	16,609.9	10,064.4	59.4	59.0	59.46	-6,466.6	624.9	487.7	371.4	116.29	4.194	
17,000.0	10,312.0	16,709.9	10,064.0	60.2	59.9	59.45	-6,566.6	624.2	487.7	369.8	117.92	4.136	
17,100.0	10,311.6	16,809.9	10,063.5	61.1	60.7	59.45	-6,666.6	623.4	487.7	368.2	119.56	4.079	
17,200.0	10,311.2	16,909.9	10,063.0	61.9	61.6	59.45	-6,766.6	622.7	487.7	366.5	121.19	4.024	
17,300.0	10,310.7	17,009.9	10,062.6	62.7	62.4	59.44	-6,866.6	621.9	487.7	364.9	122.83	3.971	
17,400.0	10,310.3	17,109.9	10,062.1	63.6	63.3	59.44	-6,966.6	621.2	487.8	363.3	124.47	3.919	
17,500.0	10,309.9	17,209.9	10,061.6	64.4	64.1	59.44	-7,066.6	620.4	487.8	361.7	126.11	3.868	
17,600.0	10,309.4	17,309.9	10,061.2	65.3	65.0	59.43	-7,166.6	619.7	487.8	360.1	127.75	3.818	
17,700.0	10,309.0	17,409.9	10,060.7	66.1	65.8	59.43	-7,266.6	618.9	487.8	358.4	129.39	3.770	
17,800.0	10,308.6	17,509.9	10,060.3	67.0	66.7	59.43	-7,366.6	618.2	487.8	356.8	131.03	3.723	
17,900.0	10,308.2	17,609.9	10,059.8	67.8	67.5	59.42	-7,466.6	617.4	487.9	355.2	132.67	3.677	
18,000.0	10,307.7	17,709.9	10,059.3	68.7	68.4	59.42	-7,566.6	616.7	487.9	353.6	134.32	3.632	
18,100.0	10,307.3	17,809.9	10,058.9	69.5	69.2	59.41	-7,666.6	615.9	487.9	351.9	135.96	3.588	
18,200.0	10,306.9	17,909.9	10,058.4	70.4	70.1	59.41	-7,766.6	615.2	487.9	350.3	137.61	3.546	
18,300.0	10,306.5	18,009.9	10,057.9	71.2	70.9	59.41	-7,866.6	614.4	487.9	348.7	139.25	3.504	
18,400.0	10,306.0	18,109.9	10,057.5	72.0	71.8	59.40	-7,966.6	613.7	487.9	347.0	140.90	3.463	
18,500.0	10,305.6	18,209.9	10,057.0	72.9	72.6	59.40	-8,066.6	612.9	488.0	345.4	142.55	3.423	
18,600.0	10,305.2	18,309.9	10,056.5	73.7	73.5	59.40	-8,166.6	612.2	488.0	343.8	144.19	3.384	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #710H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9550-MWD+IFR1+FDIR — **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
18,700.0	10,304.7	18,409.9	10,056.1	74.6	74.3	59.39	-8,266.6	611.4	488.0	342.2	145.84	3.346	
18,800.0	10,304.3	18,509.9	10,055.6	75.4	75.2	59.39	-8,366.6	610.7	488.0	340.5	147.49	3.309	
18,900.0	10,303.9	18,609.9	10,055.1	76.3	76.0	59.38	-8,466.6	609.9	488.0	338.9	149.14	3.272	
19,000.0	10,303.5	18,709.9	10,054.7	77.1	76.9	59.38	-8,566.6	609.2	488.1	337.3	150.79	3.237	
19,100.0	10,303.0	18,809.9	10,054.2	78.0	77.7	59.38	-8,666.5	608.4	488.1	335.6	152.44	3.202	
19,200.0	10,302.6	18,909.9	10,053.8	78.8	78.6	59.37	-8,766.5	607.7	488.1	334.0	154.10	3.167	
19,300.0	10,302.2	19,009.9	10,053.3	79.7	79.4	59.37	-8,866.5	606.9	488.1	332.4	155.75	3.134	
19,400.0	10,301.7	19,109.9	10,052.8	80.5	80.3	59.37	-8,966.5	606.2	488.1	330.7	157.40	3.101	
19,500.0	10,301.3	19,209.9	10,052.4	81.4	81.1	59.36	-9,066.5	605.4	488.1	329.1	159.05	3.069	
19,600.0	10,300.9	19,309.9	10,051.9	82.2	82.0	59.36	-9,166.5	604.7	488.2	327.5	160.71	3.038	
19,700.0	10,300.5	19,409.9	10,051.4	83.1	82.8	59.36	-9,266.5	603.9	488.2	325.8	162.36	3.007	
19,800.0	10,300.0	19,509.9	10,051.0	83.9	83.7	59.35	-9,366.5	603.2	488.2	324.2	164.02	2.977	
19,900.0	10,299.6	19,609.9	10,050.5	84.8	84.5	59.35	-9,466.5	602.4	488.2	322.5	165.67	2.947	
20,000.0	10,299.2	19,709.9	10,050.0	85.6	85.4	59.34	-9,566.5	601.7	488.2	320.9	167.33	2.918	
20,100.0	10,298.7	19,809.9	10,049.6	86.5	86.2	59.34	-9,666.5	600.9	488.2	319.3	168.98	2.889	
20,200.0	10,298.3	19,909.9	10,049.1	87.3	87.1	59.34	-9,766.5	600.2	488.3	317.6	170.64	2.861	
20,300.0	10,297.9	20,009.9	10,048.6	88.2	87.9	59.33	-9,866.5	599.4	488.3	316.0	172.29	2.834	
20,400.0	10,297.5	20,109.9	10,048.2	89.0	88.8	59.33	-9,966.5	598.7	488.3	314.4	173.95	2.807	
20,500.0	10,297.0	20,209.9	10,047.7	89.9	89.6	59.33	-10,066.5	597.9	488.3	312.7	175.61	2.781	
20,600.0	10,296.6	20,309.9	10,047.3	90.7	90.5	59.32	-10,166.5	597.2	488.3	311.1	177.27	2.755	
20,700.0	10,296.2	20,409.9	10,046.8	91.6	91.3	59.32	-10,266.5	596.4	488.4	309.4	178.92	2.729	
20,763.6	10,295.9	20,473.3	10,046.5	92.1	91.9	59.32	-10,329.9	596.0	488.4	308.4	179.98	2.714	
20,768.5	10,295.9	20,477.7	10,046.5	92.2	91.9	59.32	-10,334.3	595.9	488.4	308.3	180.05	2.712	
20,800.0	10,295.7	20,509.2	10,046.3	92.4	92.2	59.32	-10,365.8	595.6	488.4	307.8	180.57	2.705	
20,900.0	10,295.3	20,609.2	10,045.9	93.3	93.0	59.31	-10,465.8	594.7	488.4	306.2	182.23	2.680	
21,000.0	10,294.9	20,709.2	10,045.4	94.1	93.9	59.31	-10,565.8	593.8	488.4	304.5	183.89	2.656	
21,100.0	10,294.5	20,809.2	10,044.9	95.0	94.7	59.31	-10,665.8	592.9	488.4	302.9	185.55	2.632	
21,200.0	10,294.0	20,909.2	10,044.5	95.8	95.6	59.30	-10,765.7	592.0	488.4	301.2	187.21	2.609	
21,300.0	10,293.6	21,009.2	10,044.0	96.7	96.5	59.30	-10,865.7	591.0	488.5	299.6	188.87	2.586	
21,400.0	10,293.2	21,109.2	10,043.6	97.5	97.3	59.30	-10,965.7	590.1	488.5	297.9	190.53	2.564	
21,500.0	10,292.7	21,209.2	10,043.1	98.4	98.2	59.29	-11,065.7	589.2	488.5	296.3	192.19	2.542	
21,600.0	10,292.3	21,309.2	10,042.6	99.3	99.0	59.29	-11,165.7	588.3	488.5	294.7	193.85	2.520	
21,700.0	10,291.9	21,409.2	10,042.2	100.1	99.9	59.29	-11,265.7	587.3	488.5	293.0	195.51	2.499	
21,800.0	10,291.4	21,509.2	10,041.7	101.0	100.7	59.28	-11,365.7	586.4	488.5	291.4	197.17	2.478	
21,900.0	10,291.0	21,609.2	10,041.2	101.8	101.6	59.28	-11,465.7	585.5	488.6	289.7	198.83	2.457	
22,000.0	10,290.6	21,709.2	10,040.8	102.7	102.4	59.28	-11,565.7	584.6	488.6	288.1	200.49	2.437	
22,100.0	10,290.2	21,809.2	10,040.3	103.5	103.3	59.27	-11,665.7	583.7	488.6	286.4	202.16	2.417	
22,200.0	10,289.7	21,909.2	10,039.9	104.4	104.1	59.27	-11,765.7	582.7	488.6	284.8	203.82	2.397	
22,300.0	10,289.3	22,009.2	10,039.4	105.2	105.0	59.27	-11,865.7	581.8	488.6	283.1	205.48	2.378	
22,400.0	10,288.9	22,109.2	10,038.9	106.1	105.8	59.26	-11,965.7	580.9	488.6	281.5	207.14	2.359	
22,500.0	10,288.4	22,209.2	10,038.5	106.9	106.7	59.26	-12,065.7	580.0	488.6	279.8	208.80	2.340	
22,600.0	10,288.0	22,309.2	10,038.0	107.8	107.6	59.26	-12,165.7	579.1	488.7	278.2	210.47	2.322	
22,700.0	10,287.6	22,409.2	10,037.5	108.6	108.4	59.25	-12,265.7	578.1	488.7	276.5	212.13	2.304	
22,800.0	10,287.1	22,509.2	10,037.1	109.5	109.3	59.25	-12,365.7	577.2	488.7	274.9	213.79	2.286	
22,900.0	10,286.7	22,609.2	10,036.6	110.3	110.1	59.25	-12,465.7	576.3	488.7	273.3	215.46	2.268	
23,000.0	10,286.3	22,709.2	10,036.1	111.2	111.0	59.24	-12,565.7	575.4	488.7	271.6	217.12	2.251	
23,100.0	10,285.9	22,809.2	10,035.7	112.0	111.8	59.24	-12,665.6	574.5	488.7	270.0	218.78	2.234	
23,200.0	10,285.4	22,909.2	10,035.2	112.9	112.7	59.24	-12,765.6	573.5	488.8	268.3	220.45	2.217	
23,300.0	10,285.0	23,009.2	10,034.8	113.8	113.5	59.23	-12,865.6	572.6	488.8	266.7	222.11	2.201	
23,400.0	10,284.6	23,109.2	10,034.3	114.6	114.4	59.23	-12,965.6	571.7	488.8	265.0	223.78	2.184	
23,500.0	10,284.1	23,209.2	10,033.8	115.5	115.2	59.23	-13,065.6	570.8	488.8	263.4	225.44	2.168	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #710H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9550-MWD+IFR1+FDIR — **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
23,600.0	10,283.7	23,309.2	10,033.4	116.3	116.1	59.22	-13,165.6	569.9	488.8	261.7	227.11	2.152	
23,700.0	10,283.3	23,409.2	10,032.9	117.2	117.0	59.22	-13,265.6	568.9	488.8	260.1	228.77	2.137	
23,800.0	10,282.8	23,509.2	10,032.4	118.0	117.8	59.22	-13,365.6	568.0	488.9	258.4	230.43	2.121	
23,900.0	10,282.4	23,609.2	10,032.0	118.9	118.7	59.21	-13,465.6	567.1	488.9	256.8	232.10	2.106	
24,000.0	10,282.0	23,709.2	10,031.5	119.7	119.5	59.21	-13,565.6	566.2	488.9	255.1	233.77	2.091	
24,100.0	10,281.6	23,809.2	10,031.1	120.6	120.4	59.21	-13,665.6	565.2	488.9	253.5	235.43	2.077	
24,200.0	10,281.1	23,909.2	10,030.6	121.4	121.2	59.20	-13,765.6	564.3	488.9	251.8	237.10	2.062	
24,300.0	10,280.7	24,009.2	10,030.1	122.3	122.1	59.20	-13,865.6	563.4	488.9	250.2	238.76	2.048	
24,400.0	10,280.3	24,109.2	10,029.7	123.1	122.9	59.20	-13,965.6	562.5	489.0	248.5	240.43	2.034	
24,500.0	10,279.8	24,209.2	10,029.2	124.0	123.8	59.19	-14,065.6	561.6	489.0	246.9	242.09	2.020	
24,600.0	10,279.4	24,309.2	10,028.7	124.9	124.6	59.19	-14,165.6	560.6	489.0	245.2	243.76	2.006	
24,700.0	10,279.0	24,409.2	10,028.3	125.7	125.5	59.19	-14,265.6	559.7	489.0	243.6	245.43	1.992	Advise and Monitor
24,800.0	10,278.5	24,509.2	10,027.8	126.6	126.4	59.18	-14,365.6	558.8	489.0	241.9	247.09	1.979	Advise and Monitor
24,900.0	10,278.1	24,609.2	10,027.4	127.4	127.2	59.18	-14,465.6	557.9	489.0	240.3	248.76	1.966	Advise and Monitor
25,000.0	10,277.7	24,709.2	10,026.9	128.3	128.1	59.18	-14,565.5	557.0	489.0	238.6	250.42	1.953	Advise and Monitor
25,100.0	10,277.3	24,809.2	10,026.4	129.1	128.9	59.17	-14,665.5	556.0	489.1	237.0	252.09	1.940	Advise and Monitor
25,200.0	10,276.8	24,909.2	10,026.0	130.0	129.8	59.17	-14,765.5	555.1	489.1	235.3	253.76	1.927	Advise and Monitor
25,300.0	10,276.4	25,009.2	10,025.5	130.8	130.6	59.17	-14,865.5	554.2	489.1	233.7	255.42	1.915	Advise and Monitor
25,400.0	10,276.0	25,109.2	10,025.0	131.7	131.5	59.16	-14,965.5	553.3	489.1	232.0	257.09	1.902	Advise and Monitor
25,500.0	10,275.5	25,209.2	10,024.6	132.5	132.3	59.16	-15,065.5	552.4	489.1	230.4	258.76	1.890	Advise and Monitor
25,600.0	10,275.1	25,309.2	10,024.1	133.4	133.2	59.16	-15,165.5	551.4	489.1	228.7	260.43	1.878	Advise and Monitor
25,700.0	10,274.7	25,409.2	10,023.7	134.3	134.1	59.15	-15,265.5	550.5	489.2	227.1	262.09	1.866	Advise and Monitor
25,800.0	10,274.2	25,509.2	10,023.2	135.1	134.9	59.15	-15,365.5	549.6	489.2	225.4	263.76	1.855	Advise and Monitor
25,800.0	10,274.2	25,509.2	10,023.2	135.1	134.9	59.15	-15,365.5	549.6	489.2	225.4	263.76	1.855	Advise and Monitor
25,856.7	10,274.0	25,552.1	10,023.0	135.6	135.3	59.15	-15,408.4	549.2	489.4	225.0	264.42	1.851	Advise and Monitor, SF

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #711H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9714-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	-147.53	-45.1	-28.7	53.5				
100.0	100.0	99.7	99.7	3.0	3.0	-147.53	-45.1	-28.7	53.5	47.5	6.00	8.909	
200.0	200.0	199.7	199.7	3.0	3.0	-147.53	-45.1	-28.7	53.5	47.4	6.01	8.897	
300.0	300.0	299.7	299.7	3.0	3.0	-147.53	-45.1	-28.7	53.5	47.4	6.03	8.871	
400.0	400.0	399.7	399.7	3.0	3.0	-147.53	-45.1	-28.7	53.5	47.4	6.05	8.833	
500.0	500.0	499.7	499.7	3.1	3.1	-147.53	-45.1	-28.7	53.5	47.4	6.09	8.782	
600.0	600.0	599.7	599.7	3.1	3.1	-147.53	-45.1	-28.7	53.5	47.3	6.13	8.719	
700.0	700.0	699.7	699.7	3.1	3.1	-147.53	-45.1	-28.7	53.5	47.3	6.18	8.645	
800.0	800.0	799.7	799.7	3.2	3.2	-147.53	-45.1	-28.7	53.5	47.2	6.24	8.560	
900.0	900.0	899.7	899.7	3.2	3.2	-147.53	-45.1	-28.7	53.5	47.1	6.31	8.467	
1,000.0	1,000.0	999.7	999.7	3.2	3.2	-147.53	-45.1	-28.7	53.5	47.1	6.39	8.365	
1,100.0	1,100.0	1,099.7	1,099.7	3.3	3.3	-147.53	-45.1	-28.7	53.5	47.0	6.48	8.256	
1,200.0	1,200.0	1,199.7	1,199.7	3.4	3.4	-147.53	-45.1	-28.7	53.5	46.9	6.57	8.140	
1,300.0	1,300.0	1,299.7	1,299.7	3.4	3.4	-147.53	-45.1	-28.7	53.5	46.8	6.67	8.019	
1,400.0	1,400.0	1,399.7	1,399.7	3.5	3.5	-147.53	-45.1	-28.7	53.5	46.7	6.77	7.894	
1,500.0	1,500.0	1,499.7	1,499.7	3.5	3.5	-147.53	-45.1	-28.7	53.5	46.6	6.88	7.766	
1,600.0	1,600.0	1,599.7	1,599.7	3.6	3.6	-147.53	-45.1	-28.7	53.5	46.5	7.00	7.635	
1,700.0	1,700.0	1,699.7	1,699.7	3.7	3.7	-147.53	-45.1	-28.7	53.5	46.3	7.13	7.502	
1,800.0	1,800.0	1,799.7	1,799.7	3.8	3.8	-147.53	-45.1	-28.7	53.5	46.2	7.25	7.368	
1,900.0	1,900.0	1,899.7	1,899.7	3.9	3.9	-147.53	-45.1	-28.7	53.5	46.1	7.39	7.234	
2,000.0	2,000.0	1,999.7	1,999.7	3.9	3.9	-147.53	-45.1	-28.7	53.5	45.9	7.53	7.100	CC, ES
2,100.0	2,100.0	2,099.7	2,099.7	4.0	4.0	140.48	-45.1	-28.7	54.8	47.1	7.65	7.167	
2,200.0	2,199.8	2,199.5	2,199.5	4.1	4.1	143.67	-45.1	-28.7	58.9	51.2	7.71	7.639	
2,300.0	2,299.5	2,299.2	2,299.2	4.1	4.2	148.07	-45.1	-28.7	66.2	58.4	7.75	8.541	
2,400.0	2,398.7	2,398.4	2,398.4	4.2	4.3	152.78	-45.1	-28.7	76.8	69.0	7.76	9.896	
2,500.0	2,497.7	2,497.4	2,497.4	4.2	4.4	156.86	-45.1	-28.7	89.4	81.6	7.78	11.489	
2,600.0	2,596.8	2,599.2	2,599.2	4.3	4.5	160.60	-43.4	-28.3	101.1	93.3	7.82	12.932	
2,700.0	2,695.8	2,701.3	2,701.1	4.3	4.6	164.82	-38.3	-26.9	110.5	102.6	7.83	14.106	
2,800.0	2,794.8	2,801.9	2,801.4	4.4	4.7	169.40	-30.2	-24.8	118.3	110.4	7.83	15.108	
2,900.0	2,893.8	2,901.2	2,900.3	4.5	4.8	173.48	-21.8	-22.6	126.4	118.6	7.84	16.134	
3,000.0	2,992.9	3,000.5	2,999.2	4.5	4.9	177.05	-13.4	-20.5	135.2	127.3	7.86	17.197	
3,100.0	3,091.9	3,099.8	3,098.1	4.6	5.0	-179.82	-5.0	-18.3	144.4	136.5	7.90	18.279	
3,200.0	3,190.9	3,199.1	3,197.0	4.7	5.1	-177.07	3.3	-16.1	154.0	146.0	7.95	19.367	
3,300.0	3,289.9	3,298.3	3,295.9	4.8	5.2	-174.64	11.7	-13.9	163.9	155.9	8.01	20.451	
3,400.0	3,389.0	3,397.6	3,394.9	4.9	5.3	-172.50	20.1	-11.7	174.1	166.0	8.09	21.524	
3,500.0	3,488.0	3,496.9	3,493.8	4.9	5.4	-170.59	28.4	-9.6	184.4	176.3	8.17	22.579	
3,600.0	3,587.0	3,596.2	3,592.7	5.0	5.5	-168.88	36.8	-7.4	195.0	186.7	8.26	23.612	
3,700.0	3,686.0	3,695.5	3,691.6	5.1	5.6	-167.36	45.2	-5.2	205.7	197.3	8.36	24.620	
3,800.0	3,785.1	3,794.8	3,790.5	5.2	5.7	-165.98	53.6	-3.0	216.5	208.1	8.46	25.600	
3,900.0	3,884.1	3,894.0	3,889.4	5.3	5.8	-164.74	61.9	-0.8	227.5	218.9	8.57	26.551	
4,000.0	3,983.1	3,993.3	3,988.3	5.4	5.9	-163.61	70.3	1.3	238.5	229.9	8.68	27.472	
4,100.0	4,082.2	4,092.6	4,087.2	5.5	6.0	-162.58	78.7	3.5	249.7	240.9	8.80	28.362	
4,200.0	4,181.2	4,191.9	4,186.1	5.6	6.1	-161.63	87.1	5.7	260.9	252.0	8.93	29.220	
4,300.0	4,280.2	4,291.2	4,285.0	5.7	6.2	-160.77	95.4	7.9	272.1	263.1	9.06	30.047	
4,400.0	4,379.2	4,390.5	4,383.9	5.8	6.3	-159.97	103.8	10.1	283.5	274.3	9.19	30.842	
4,500.0	4,478.3	4,489.7	4,482.8	5.9	6.5	-159.24	112.2	12.2	294.9	285.5	9.33	31.607	
4,600.0	4,577.3	4,589.0	4,581.7	6.0	6.6	-158.56	120.6	14.4	306.3	296.8	9.47	32.341	
4,700.0	4,676.3	4,688.3	4,680.6	6.1	6.7	-157.93	128.9	16.6	317.7	308.1	9.62	33.045	
4,800.0	4,775.3	4,787.6	4,779.5	6.2	6.8	-157.34	137.3	18.8	329.2	319.5	9.76	33.720	
4,900.0	4,874.4	4,886.9	4,878.4	6.3	6.9	-156.80	145.7	21.0	340.8	330.8	9.92	34.366	
5,000.0	4,973.4	4,986.2	4,977.3	6.4	7.0	-156.28	154.1	23.1	352.3	342.2	10.07	34.984	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #711H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9714-MWD+IFR1+FDIR — **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
5,100.0	5,072.4	5,085.4	5,076.2	6.5	7.1	-155.81	162.4	25.3	363.9	353.7	10.23	35.575	
5,200.0	5,171.5	5,184.7	5,175.1	6.6	7.3	-155.36	170.8	27.5	375.5	365.1	10.39	36.140	
5,300.0	5,270.5	5,284.0	5,274.0	6.8	7.4	-154.93	179.2	29.7	387.1	376.6	10.55	36.680	
5,400.0	5,369.5	5,383.3	5,372.9	6.9	7.5	-154.54	187.6	31.9	398.8	388.0	10.72	37.195	
5,500.0	5,468.5	5,482.6	5,471.8	7.0	7.6	-154.16	195.9	34.0	410.4	399.5	10.89	37.686	
5,600.0	5,567.6	5,581.8	5,570.8	7.1	7.7	-153.81	204.3	36.2	422.1	411.1	11.06	38.155	
5,700.0	5,666.6	5,681.1	5,669.7	7.2	7.8	-153.47	212.7	38.4	433.8	422.6	11.24	38.602	
5,800.0	5,765.6	5,780.4	5,768.6	7.3	8.0	-153.15	221.0	40.6	445.5	434.1	11.42	39.028	
5,900.0	5,864.6	5,879.7	5,867.5	7.4	8.1	-152.85	229.4	42.8	457.2	445.6	11.60	39.433	
6,000.0	5,963.7	5,979.0	5,966.4	7.6	8.2	-152.57	237.8	44.9	469.0	457.2	11.78	39.819	
6,100.0	6,062.7	6,078.3	6,065.3	7.7	8.3	-152.29	246.2	47.1	480.7	468.8	11.96	40.186	
6,200.0	6,161.7	6,177.2	6,163.8	7.8	8.4	-152.08	254.1	49.2	492.5	480.4	12.15	40.540	
6,300.0	6,260.7	6,275.9	6,262.4	7.9	8.5	-152.06	260.5	50.9	504.4	492.1	12.34	40.889	
6,400.0	6,359.8	6,374.6	6,360.9	8.0	8.7	-152.24	265.2	52.1	516.4	503.9	12.52	41.250	
6,500.0	6,458.8	6,473.2	6,459.4	8.2	8.8	-152.59	268.3	52.9	528.5	515.8	12.70	41.622	
6,600.0	6,557.8	6,571.6	6,557.8	8.3	8.9	-153.10	269.8	53.3	540.8	527.9	12.88	41.986	
6,700.0	6,656.9	6,670.3	6,656.6	8.4	9.0	-153.74	269.9	53.3	553.3	540.2	13.07	42.341	
6,800.0	6,755.9	6,769.3	6,755.6	8.5	9.2	-154.36	269.9	53.3	565.8	552.6	13.26	42.687	
6,900.0	6,854.9	6,868.3	6,854.6	8.7	9.3	-154.96	269.9	53.3	578.4	565.0	13.44	43.025	
7,000.0	6,953.9	6,967.4	6,953.6	8.8	9.4	-155.53	269.9	53.3	591.1	577.4	13.63	43.355	
7,100.0	7,053.0	7,066.4	7,052.7	8.9	9.5	-156.07	269.9	53.3	603.8	590.0	13.82	43.677	
7,200.0	7,152.0	7,165.4	7,151.7	9.0	9.6	-156.60	269.9	53.3	616.6	602.5	14.02	43.991	
7,300.0	7,251.0	7,264.5	7,250.7	9.2	9.8	-157.10	269.9	53.3	629.4	615.2	14.21	44.297	
7,400.0	7,350.0	7,363.5	7,349.7	9.3	9.9	-157.58	269.9	53.3	642.2	627.8	14.40	44.597	
7,500.0	7,449.1	7,462.5	7,448.8	9.4	10.0	-158.05	269.9	53.3	655.1	640.5	14.59	44.889	
7,600.0	7,548.1	7,561.5	7,547.8	9.5	10.1	-158.49	269.9	53.3	668.1	653.3	14.79	45.174	
7,700.0	7,647.1	7,660.6	7,646.8	9.7	10.3	-158.92	269.9	53.3	681.1	666.1	14.98	45.453	
7,800.0	7,746.1	7,759.6	7,745.8	9.8	10.4	-159.33	269.9	53.3	694.1	678.9	15.18	45.725	
7,900.0	7,845.2	7,858.6	7,844.9	9.9	10.5	-159.73	269.9	53.3	707.1	691.8	15.38	45.991	
8,000.0	7,944.2	7,957.6	7,943.9	10.1	10.6	-160.11	269.9	53.3	720.2	704.7	15.57	46.251	
8,100.0	8,043.2	8,056.7	8,042.9	10.2	10.7	-160.48	269.9	53.3	733.3	717.6	15.77	46.504	
8,200.0	8,142.3	8,155.7	8,142.0	10.3	10.9	-160.84	269.9	53.3	746.5	730.5	15.97	46.752	
8,300.0	8,241.3	8,254.7	8,241.0	10.5	11.0	-161.18	269.9	53.3	759.7	743.5	16.16	46.995	
8,400.0	8,340.3	8,353.7	8,340.0	10.6	11.1	-161.52	269.9	53.3	772.9	756.5	16.36	47.232	
8,495.5	8,434.9	8,448.3	8,434.6	10.7	11.2	-161.82	269.9	53.3	785.5	768.9	16.55	47.453	
8,500.0	8,439.3	8,452.8	8,439.0	10.7	11.2	-161.84	269.9	53.3	786.1	769.5	16.56	47.463	
8,600.0	8,538.5	8,551.9	8,538.2	10.9	11.4	-162.17	269.9	53.3	798.4	781.7	16.76	47.641	
8,700.0	8,637.9	8,651.3	8,637.6	11.0	11.5	-162.44	269.9	53.3	809.2	792.2	16.95	47.728	
8,800.0	8,737.4	8,750.8	8,737.1	11.1	11.6	-162.67	269.9	53.3	818.2	801.1	17.14	47.725	
8,900.0	8,837.1	8,850.5	8,836.8	11.2	11.7	-162.85	269.9	53.3	825.7	808.3	17.33	47.635	
9,000.0	8,936.9	8,950.3	8,936.6	11.4	11.9	-162.99	269.9	53.3	831.4	813.9	17.52	47.466	
9,100.0	9,036.8	9,050.3	9,036.5	11.4	12.0	-163.09	269.9	53.3	835.5	817.8	17.70	47.217	
9,200.0	9,136.8	9,150.2	9,136.5	11.5	12.1	-163.15	269.9	53.3	837.9	820.1	17.87	46.885	
9,295.5	9,232.3	9,245.7	9,232.0	11.6	12.3	-90.01	269.9	53.3	838.7	820.7	18.00	46.582	
9,300.0	9,236.8	9,250.2	9,236.5	11.6	12.3	-90.01	269.9	53.3	838.7	820.7	18.01	46.570	
9,400.0	9,336.8	9,350.2	9,336.5	11.7	12.4	-90.01	269.9	53.3	838.7	820.6	18.11	46.307	
9,500.0	9,436.8	9,450.2	9,436.5	11.8	12.5	-90.01	269.9	53.3	838.7	820.5	18.21	46.045	
9,600.0	9,536.8	9,550.2	9,536.5	11.9	12.6	-90.01	269.9	53.3	838.7	820.4	18.32	45.785	
9,700.0	9,636.8	9,650.2	9,636.5	12.0	12.8	-90.01	269.9	53.3	838.7	820.3	18.42	45.528	
9,800.0	9,736.8	9,750.2	9,736.5	12.1	12.9	-90.01	269.9	53.3	838.7	820.2	18.50	45.341	
9,829.4	9,766.2	9,780.4	9,766.6	12.1	12.9	-90.02	269.7	53.3	838.7	820.2	18.51	45.309	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #711H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9714-MWD+IFR1+FDIR — **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
9,850.0	9,786.8	9,801.9	9,788.1	12.1	12.9	91.70	268.6	53.3	838.7	820.2	18.52	45.283	
9,900.0	9,836.6	9,854.0	9,839.9	12.1	12.9	91.59	262.8	53.5	838.6	820.1	18.55	45.205	
9,950.0	9,885.9	9,906.0	9,890.8	12.1	12.9	91.47	252.4	53.8	838.6	820.0	18.59	45.105	
10,000.0	9,934.3	9,957.8	9,940.4	12.1	12.9	91.33	237.4	54.3	838.5	819.9	18.64	44.980	
10,050.0	9,981.4	10,009.4	9,988.2	12.2	13.0	91.19	218.1	54.9	838.5	819.8	18.71	44.826	
10,100.0	10,026.8	10,060.8	10,033.9	12.2	13.0	91.03	194.7	55.6	838.5	819.7	18.78	44.638	
10,150.0	10,070.3	10,112.0	10,077.2	12.2	13.0	90.87	167.4	56.4	838.4	819.5	18.88	44.412	
10,200.0	10,111.5	10,162.9	10,117.7	12.3	13.1	90.70	136.5	57.4	838.4	819.4	18.99	44.141	
10,250.0	10,150.0	10,213.7	10,155.1	12.3	13.1	90.53	102.3	58.4	838.4	819.2	19.13	43.819	
10,300.0	10,185.6	10,264.2	10,189.2	12.4	13.2	90.35	65.1	59.6	838.4	819.1	19.30	43.442	
10,343.2	10,213.9	10,307.6	10,215.8	12.4	13.2	90.20	30.8	60.6	838.4	818.9	19.47	43.070	
10,350.0	10,218.1	10,314.4	10,219.8	12.4	13.2	90.18	25.2	60.8	838.4	818.9	19.49	43.008	
10,400.0	10,247.0	10,364.4	10,246.6	12.5	13.3	90.00	-17.0	62.1	838.4	818.7	19.72	42.516	
10,450.0	10,272.4	10,414.2	10,269.6	12.6	13.3	89.82	-61.1	63.4	838.4	818.4	19.98	41.968	
10,500.0	10,293.8	10,463.8	10,288.5	12.7	13.4	89.64	-106.9	64.8	838.4	818.1	20.27	41.371	
10,550.0	10,311.3	10,513.2	10,303.4	12.7	13.4	89.46	-153.9	66.3	838.4	817.9	20.58	40.732	
10,600.0	10,324.6	10,562.3	10,314.1	12.8	13.4	89.29	-201.9	67.7	838.5	817.5	20.93	40.061	
10,650.0	10,333.7	10,611.3	10,320.7	12.9	13.5	89.13	-250.4	69.2	838.5	817.2	21.30	39.369	
10,700.0	10,338.4	10,660.1	10,323.0	13.0	13.5	88.97	-299.0	70.7	838.6	816.9	21.69	38.668	
10,731.9	10,339.2	10,691.8	10,322.9	13.0	13.5	88.91	-330.7	71.7	838.6	816.6	21.95	38.209	
10,800.0	10,338.9	10,759.9	10,322.6	13.2	13.5	88.91	-398.8	73.7	838.6	816.1	22.55	37.182	
10,900.0	10,338.4	10,859.9	10,322.2	13.5	13.6	88.91	-498.7	76.8	838.6	815.1	23.52	35.656	
11,000.0	10,338.0	10,959.9	10,321.7	13.8	13.6	88.91	-598.7	79.9	838.7	814.1	24.57	34.135	
11,100.0	10,337.6	11,059.9	10,321.2	14.2	13.7	88.90	-698.6	82.9	838.7	813.0	25.69	32.647	
11,200.0	10,337.1	11,159.9	10,320.8	14.7	13.7	88.90	-798.6	86.0	838.7	811.8	26.87	31.210	
11,300.0	10,336.7	11,259.9	10,320.3	15.2	13.9	88.90	-898.5	89.0	838.7	810.6	28.11	29.836	
11,400.0	10,336.3	11,359.9	10,319.8	15.8	14.2	88.90	-998.5	92.1	838.7	809.3	29.40	28.530	
11,500.0	10,335.8	11,459.9	10,319.4	16.3	14.7	88.90	-1,098.5	95.1	838.8	808.0	30.73	27.297	
11,600.0	10,335.4	11,559.9	10,318.9	17.0	15.4	88.89	-1,198.4	98.2	838.8	806.7	32.09	26.136	
11,700.0	10,334.9	11,659.9	10,318.4	17.6	16.1	88.89	-1,298.4	101.3	838.8	805.3	33.49	25.045	
11,800.0	10,334.5	11,759.9	10,318.0	18.3	16.8	88.89	-1,398.3	104.3	838.8	803.9	34.92	24.022	
11,900.0	10,334.1	11,859.9	10,317.5	19.0	17.5	88.89	-1,498.3	107.4	838.9	802.5	36.37	23.063	
12,000.0	10,333.6	11,959.9	10,317.0	19.7	18.3	88.89	-1,598.2	110.4	838.9	801.0	37.85	22.165	
12,100.0	10,333.2	12,059.9	10,316.6	20.4	19.1	88.88	-1,698.2	113.5	838.9	799.6	39.34	21.323	
12,200.0	10,332.8	12,159.9	10,316.1	21.1	19.8	88.88	-1,798.1	116.5	838.9	798.1	40.86	20.534	
12,300.0	10,332.3	12,259.9	10,315.6	21.8	20.6	88.88	-1,898.1	119.6	839.0	796.6	42.38	19.794	
12,400.0	10,331.9	12,359.9	10,315.2	22.6	21.4	88.88	-1,998.0	122.6	839.0	795.0	43.93	19.100	
12,500.0	10,331.5	12,459.9	10,314.7	23.3	22.2	88.88	-2,098.0	125.7	839.0	793.5	45.48	18.447	
12,600.0	10,331.0	12,559.9	10,314.3	24.1	23.0	88.87	-2,197.9	128.8	839.0	792.0	47.05	17.833	
12,700.0	10,330.6	12,659.9	10,313.8	24.8	23.8	88.87	-2,297.9	131.8	839.0	790.4	48.63	17.255	
12,800.0	10,330.2	12,759.9	10,313.3	25.6	24.6	88.87	-2,397.8	134.9	839.1	788.9	50.21	16.710	
12,900.0	10,329.7	12,859.9	10,312.9	26.4	25.5	88.87	-2,497.8	137.9	839.1	787.3	51.81	16.195	
13,000.0	10,329.3	12,959.9	10,312.4	27.2	26.3	88.87	-2,597.7	141.0	839.1	785.7	53.41	15.710	
13,100.0	10,328.9	13,059.9	10,311.9	28.0	27.1	88.86	-2,697.7	144.0	839.1	784.1	55.03	15.250	
13,200.0	10,328.4	13,159.9	10,311.5	28.7	27.9	88.86	-2,797.6	147.1	839.2	782.5	56.64	14.815	
13,300.0	10,328.0	13,259.9	10,311.0	29.5	28.8	88.86	-2,897.6	150.2	839.2	780.9	58.27	14.403	
13,400.0	10,327.6	13,359.9	10,310.5	30.3	29.6	88.86	-2,997.5	153.2	839.2	779.3	59.89	14.011	
13,500.0	10,327.1	13,459.9	10,310.1	31.1	30.4	88.86	-3,097.5	156.3	839.2	777.7	61.53	13.640	
13,600.0	10,326.7	13,559.9	10,309.6	32.0	31.2	88.85	-3,197.4	159.3	839.3	776.1	63.17	13.286	
13,700.0	10,326.3	13,659.9	10,309.1	32.8	32.1	88.85	-3,297.4	162.4	839.3	774.5	64.81	12.950	
13,800.0	10,325.8	13,759.9	10,308.7	33.6	32.9	88.85	-3,397.4	165.4	839.3	772.8	66.46	12.629	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #711H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9714-MWD+IFR1+FDIR — **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
13,900.0	10,325.4	13,859.9	10,308.2	34.4	33.7	88.85	-3,497.3	168.5	839.3	771.2	68.11	12.323	
14,000.0	10,325.0	13,959.9	10,307.7	35.2	34.6	88.85	-3,597.3	171.5	839.3	769.6	69.76	12.031	
14,100.0	10,324.5	14,059.9	10,307.3	36.0	35.4	88.84	-3,697.2	174.6	839.4	767.9	71.42	11.752	
14,200.0	10,324.1	14,159.9	10,306.8	36.8	36.3	88.84	-3,797.2	177.7	839.4	766.3	73.08	11.486	
14,300.0	10,323.7	14,259.9	10,306.4	37.7	37.1	88.84	-3,897.1	180.7	839.4	764.7	74.75	11.230	
14,400.0	10,323.2	14,359.9	10,305.9	38.5	37.9	88.84	-3,997.1	183.8	839.4	763.0	76.41	10.986	
14,500.0	10,322.8	14,459.9	10,305.4	39.3	38.8	88.84	-4,097.0	186.8	839.5	761.4	78.08	10.751	
14,600.0	10,322.4	14,559.9	10,305.0	40.1	39.6	88.83	-4,197.0	189.9	839.5	759.7	79.75	10.526	
14,700.0	10,321.9	14,659.9	10,304.5	41.0	40.5	88.83	-4,296.9	192.9	839.5	758.1	81.42	10.310	
14,800.0	10,321.5	14,759.9	10,304.0	41.8	41.3	88.83	-4,396.9	196.0	839.5	756.4	83.10	10.103	
14,900.0	10,321.0	14,859.9	10,303.6	42.6	42.2	88.83	-4,496.8	199.1	839.6	754.8	84.78	9.903	
15,000.0	10,320.6	14,959.9	10,303.1	43.5	43.0	88.83	-4,596.8	202.1	839.6	753.1	86.45	9.711	
15,100.0	10,320.2	15,059.9	10,302.6	44.3	43.9	88.82	-4,696.7	205.2	839.6	751.5	88.14	9.526	
15,200.0	10,319.7	15,159.9	10,302.2	45.1	44.7	88.82	-4,796.7	208.2	839.6	749.8	89.82	9.348	
15,300.0	10,319.3	15,259.9	10,301.7	46.0	45.5	88.82	-4,896.6	211.3	839.6	748.1	91.50	9.176	
15,301.9	10,319.3	15,261.8	10,301.7	46.0	45.6	88.82	-4,898.5	211.3	839.6	748.1	91.53	9.173	
15,400.0	10,318.9	15,357.2	10,301.3	46.8	46.4	88.82	-4,993.9	214.2	839.7	746.5	93.16	9.013	
15,417.4	10,318.8	15,370.7	10,301.2	46.9	46.5	88.82	-5,007.4	214.6	839.8	746.4	93.41	8.990	
15,500.0	10,318.4	15,434.5	10,300.9	47.6	47.0	88.82	-5,071.2	215.3	840.2	745.6	94.60	8.882	
15,527.1	10,318.3	15,457.1	10,300.8	47.9	47.2	88.83	-5,093.8	215.2	840.2	745.2	94.99	8.845	
15,529.2	10,318.3	15,457.1	10,300.8	47.9	47.2	88.83	-5,093.8	215.2	840.2	745.2	95.00	8.844	
15,600.0	10,318.0	15,527.9	10,300.5	48.5	47.8	88.82	-5,164.6	214.7	840.2	744.0	96.19	8.735	
15,700.0	10,317.6	15,627.9	10,300.0	49.3	48.7	88.82	-5,264.6	214.0	840.2	742.3	97.87	8.585	
15,800.0	10,317.2	15,727.9	10,299.5	50.1	49.5	88.82	-5,364.6	213.2	840.2	740.6	99.55	8.440	
15,900.0	10,316.7	15,827.9	10,299.1	51.0	50.4	88.82	-5,464.6	212.5	840.2	739.0	101.24	8.299	
16,000.0	10,316.3	15,927.9	10,298.6	51.8	51.2	88.81	-5,564.6	211.7	840.2	737.3	102.92	8.164	
16,100.0	10,315.9	16,027.9	10,298.1	52.7	52.0	88.81	-5,664.6	211.0	840.2	735.6	104.61	8.032	
16,200.0	10,315.4	16,127.9	10,297.7	53.5	52.9	88.81	-5,764.6	210.2	840.2	733.9	106.29	7.905	
16,300.0	10,315.0	16,227.9	10,297.2	54.3	53.7	88.81	-5,864.6	209.5	840.2	732.2	107.98	7.781	
16,400.0	10,314.6	16,327.9	10,296.7	55.2	54.6	88.80	-5,964.6	208.7	840.2	730.5	109.67	7.661	
16,500.0	10,314.2	16,427.9	10,296.3	56.0	55.4	88.80	-6,064.6	208.0	840.2	728.8	111.36	7.545	
16,600.0	10,313.7	16,527.9	10,295.8	56.8	56.3	88.80	-6,164.6	207.2	840.2	727.2	113.05	7.432	
16,700.0	10,313.3	16,627.9	10,295.4	57.7	57.1	88.80	-6,264.6	206.5	840.2	725.5	114.74	7.323	
16,800.0	10,312.9	16,727.9	10,294.9	58.5	58.0	88.79	-6,364.6	205.7	840.2	723.8	116.43	7.216	
16,900.0	10,312.4	16,827.9	10,294.4	59.4	58.8	88.79	-6,464.6	205.0	840.2	722.1	118.12	7.113	
17,000.0	10,312.0	16,927.9	10,294.0	60.2	59.7	88.79	-6,564.5	204.2	840.2	720.4	119.81	7.013	
17,100.0	10,311.6	17,027.9	10,293.5	61.1	60.5	88.79	-6,664.5	203.5	840.2	718.7	121.51	6.915	
17,200.0	10,311.2	17,127.9	10,293.0	61.9	61.4	88.78	-6,764.5	202.7	840.2	717.0	123.20	6.820	
17,300.0	10,310.7	17,227.9	10,292.6	62.7	62.2	88.78	-6,864.5	201.9	840.2	715.3	124.89	6.727	
17,400.0	10,310.3	17,327.9	10,292.1	63.6	63.1	88.78	-6,964.5	201.2	840.2	713.6	126.59	6.637	
17,500.0	10,309.9	17,427.9	10,291.6	64.4	63.9	88.78	-7,064.5	200.4	840.2	711.9	128.29	6.549	
17,600.0	10,309.4	17,527.9	10,291.2	65.3	64.8	88.77	-7,164.5	199.7	840.2	710.2	129.98	6.464	
17,700.0	10,309.0	17,627.9	10,290.7	66.1	65.6	88.77	-7,264.5	198.9	840.2	708.5	131.68	6.381	
17,800.0	10,308.6	17,727.9	10,290.2	67.0	66.5	88.77	-7,364.5	198.2	840.2	706.8	133.38	6.300	
17,900.0	10,308.2	17,827.9	10,289.8	67.8	67.3	88.77	-7,464.5	197.4	840.2	705.1	135.07	6.220	
18,000.0	10,307.7	17,927.9	10,289.3	68.7	68.2	88.76	-7,564.5	196.7	840.2	703.4	136.77	6.143	
18,100.0	10,307.3	18,027.9	10,288.8	69.5	69.0	88.76	-7,664.5	195.9	840.2	701.7	138.47	6.068	
18,200.0	10,306.9	18,127.9	10,288.4	70.4	69.9	88.76	-7,764.5	195.2	840.2	700.0	140.17	5.994	
18,300.0	10,306.5	18,227.9	10,287.9	71.2	70.7	88.76	-7,864.5	194.4	840.2	698.3	141.87	5.922	
18,400.0	10,306.0	18,327.9	10,287.5	72.0	71.6	88.75	-7,964.5	193.7	840.2	696.6	143.57	5.852	
18,500.0	10,305.6	18,427.9	10,287.0	72.9	72.4	88.75	-8,064.5	192.9	840.2	694.9	145.27	5.784	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #711H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9714-MWD+IFR1+FDIR — **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
18,600.0	10,305.2	18,527.9	10,286.5	73.7	73.3	88.75	-8,164.5	192.2	840.2	693.2	146.97	5.717	
18,700.0	10,304.7	18,627.9	10,286.1	74.6	74.1	88.75	-8,264.5	191.4	840.2	691.5	148.67	5.651	
18,800.0	10,304.3	18,727.9	10,285.6	75.4	75.0	88.74	-8,364.5	190.7	840.2	689.8	150.37	5.588	
18,900.0	10,303.9	18,827.9	10,285.1	76.3	75.9	88.74	-8,464.5	189.9	840.2	688.1	152.07	5.525	
19,000.0	10,303.5	18,927.9	10,284.7	77.1	76.7	88.74	-8,564.5	189.2	840.2	686.4	153.77	5.464	
19,100.0	10,303.0	19,027.9	10,284.2	78.0	77.6	88.74	-8,664.5	188.4	840.2	684.7	155.48	5.404	
19,200.0	10,302.6	19,127.9	10,283.7	78.8	78.4	88.73	-8,764.5	187.7	840.2	683.0	157.18	5.346	
19,300.0	10,302.2	19,227.9	10,283.3	79.7	79.3	88.73	-8,864.5	186.9	840.2	681.3	158.88	5.288	
19,400.0	10,301.7	19,327.9	10,282.8	80.5	80.1	88.73	-8,964.5	186.2	840.2	679.6	160.58	5.232	
19,500.0	10,301.3	19,427.9	10,282.3	81.4	81.0	88.73	-9,064.5	185.4	840.2	677.9	162.29	5.177	
19,600.0	10,300.9	19,527.9	10,281.9	82.2	81.8	88.72	-9,164.4	184.7	840.2	676.2	163.99	5.123	
19,700.0	10,300.5	19,627.9	10,281.4	83.1	82.7	88.72	-9,264.4	183.9	840.2	674.5	165.69	5.071	
19,800.0	10,300.0	19,727.9	10,281.0	83.9	83.5	88.72	-9,364.4	183.2	840.2	672.8	167.40	5.019	
19,900.0	10,299.6	19,827.9	10,280.5	84.8	84.4	88.72	-9,464.4	182.4	840.2	671.1	169.10	4.969	
20,000.0	10,299.2	19,927.9	10,280.0	85.6	85.2	88.71	-9,564.4	181.7	840.2	669.4	170.81	4.919	
20,100.0	10,298.7	20,027.9	10,279.6	86.5	86.1	88.71	-9,664.4	180.9	840.2	667.7	172.51	4.870	
20,200.0	10,298.3	20,127.9	10,279.1	87.3	86.9	88.71	-9,764.4	180.2	840.2	666.0	174.22	4.823	
20,300.0	10,297.9	20,227.9	10,278.6	88.2	87.8	88.71	-9,864.4	179.4	840.2	664.3	175.92	4.776	
20,400.0	10,297.5	20,327.9	10,278.2	89.0	88.7	88.70	-9,964.4	178.7	840.2	662.6	177.63	4.730	
20,500.0	10,297.0	20,427.9	10,277.7	89.9	89.5	88.70	-10,064.4	177.9	840.2	660.9	179.33	4.685	
20,600.0	10,296.6	20,527.9	10,277.2	90.7	90.4	88.70	-10,164.4	177.2	840.2	659.2	181.04	4.641	
20,700.0	10,296.2	20,627.9	10,276.8	91.6	91.2	88.70	-10,264.4	176.4	840.2	657.5	182.74	4.598	
20,705.0	10,296.2	20,632.9	10,276.7	91.6	91.3	88.70	-10,269.4	176.4	840.2	657.4	182.83	4.596	
20,763.6	10,295.9	20,690.3	10,276.5	92.1	91.7	88.70	-10,326.8	176.0	840.2	656.4	183.81	4.571	
20,768.5	10,295.9	20,695.0	10,276.5	92.2	91.8	88.70	-10,331.5	175.9	840.2	656.3	183.89	4.569	
20,800.0	10,295.7	20,726.5	10,276.3	92.4	92.1	88.70	-10,363.0	175.6	840.2	655.8	184.43	4.556	
20,900.0	10,295.3	20,826.5	10,275.8	93.3	92.9	88.69	-10,463.0	174.7	840.2	654.1	186.14	4.514	
21,000.0	10,294.9	20,926.5	10,275.4	94.1	93.8	88.69	-10,563.0	173.8	840.2	652.4	187.84	4.473	
21,100.0	10,294.5	21,026.5	10,274.9	95.0	94.6	88.69	-10,663.0	172.9	840.2	650.7	189.55	4.433	
21,200.0	10,294.0	21,126.5	10,274.5	95.8	95.5	88.69	-10,763.0	172.0	840.2	649.0	191.26	4.393	
21,300.0	10,293.6	21,226.5	10,274.0	96.7	96.3	88.68	-10,862.9	171.0	840.2	647.3	192.96	4.354	
21,400.0	10,293.2	21,326.5	10,273.5	97.5	97.2	88.68	-10,962.9	170.1	840.2	645.5	194.67	4.316	
21,500.0	10,292.7	21,426.5	10,273.1	98.4	98.0	88.68	-11,062.9	169.2	840.2	643.8	196.38	4.279	
21,600.0	10,292.3	21,526.5	10,272.6	99.3	98.9	88.68	-11,162.9	168.3	840.2	642.1	198.08	4.242	
21,700.0	10,291.9	21,626.5	10,272.1	100.1	99.7	88.67	-11,262.9	167.4	840.2	640.4	199.79	4.205	
21,800.0	10,291.4	21,726.5	10,271.7	101.0	100.6	88.67	-11,362.9	166.4	840.2	638.7	201.50	4.170	
21,900.0	10,291.0	21,826.5	10,271.2	101.8	101.5	88.67	-11,462.9	165.5	840.2	637.0	203.21	4.135	
22,000.0	10,290.6	21,926.5	10,270.7	102.7	102.3	88.67	-11,562.9	164.6	840.2	635.3	204.91	4.100	
22,100.0	10,290.2	22,026.5	10,270.3	103.5	103.2	88.67	-11,662.9	163.7	840.2	633.6	206.62	4.066	
22,200.0	10,289.7	22,126.5	10,269.8	104.4	104.0	88.66	-11,762.9	162.8	840.2	631.9	208.33	4.033	
22,300.0	10,289.3	22,226.5	10,269.4	105.2	104.9	88.66	-11,862.9	161.8	840.2	630.2	210.04	4.000	
22,400.0	10,288.9	22,326.5	10,268.9	106.1	105.7	88.66	-11,962.9	160.9	840.2	628.5	211.74	3.968	
22,500.0	10,288.4	22,426.5	10,268.4	106.9	106.6	88.66	-12,062.9	160.0	840.2	626.8	213.45	3.936	
22,600.0	10,288.0	22,526.5	10,268.0	107.8	107.4	88.65	-12,162.9	159.1	840.2	625.0	215.16	3.905	
22,700.0	10,287.6	22,626.5	10,267.5	108.6	108.3	88.65	-12,262.9	158.2	840.2	623.3	216.87	3.874	
22,800.0	10,287.1	22,726.5	10,267.0	109.5	109.2	88.65	-12,362.9	157.2	840.2	621.6	218.58	3.844	
22,900.0	10,286.7	22,826.5	10,266.6	110.3	110.0	88.65	-12,462.9	156.3	840.2	619.9	220.29	3.814	
23,000.0	10,286.3	22,926.5	10,266.1	111.2	110.9	88.64	-12,562.9	155.4	840.2	618.2	222.00	3.785	
23,100.0	10,285.9	23,026.5	10,265.6	112.0	111.7	88.64	-12,662.9	154.5	840.2	616.5	223.70	3.756	
23,200.0	10,285.4	23,126.5	10,265.2	112.9	112.6	88.64	-12,762.8	153.6	840.2	614.8	225.41	3.727	
23,300.0	10,285.0	23,226.5	10,264.7	113.8	113.4	88.64	-12,862.8	152.6	840.2	613.1	227.12	3.699	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #711H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9714-MWD+IFR1+FDIR — **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
23,400.0	10,284.6	23,326.5	10,264.3	114.6	114.3	88.64	-12,962.8	151.7	840.2	611.4	228.83	3.672	
23,500.0	10,284.1	23,426.5	10,263.8	115.5	115.1	88.63	-13,062.8	150.8	840.2	609.7	230.54	3.644	
23,600.0	10,283.7	23,526.5	10,263.3	116.3	116.0	88.63	-13,162.8	149.9	840.2	607.9	232.25	3.618	
23,700.0	10,283.3	23,626.5	10,262.9	117.2	116.9	88.63	-13,262.8	149.0	840.2	606.2	233.96	3.591	
23,800.0	10,282.8	23,726.5	10,262.4	118.0	117.7	88.63	-13,362.8	148.0	840.2	604.5	235.67	3.565	
23,900.0	10,282.4	23,826.5	10,261.9	118.9	118.6	88.62	-13,462.8	147.1	840.2	602.8	237.38	3.539	
24,000.0	10,282.0	23,926.5	10,261.5	119.7	119.4	88.62	-13,562.8	146.2	840.2	601.1	239.09	3.514	
24,100.0	10,281.6	24,026.5	10,261.0	120.6	120.3	88.62	-13,662.8	145.3	840.2	599.4	240.80	3.489	
24,200.0	10,281.1	24,126.5	10,260.5	121.4	121.1	88.62	-13,762.8	144.4	840.2	597.7	242.51	3.465	
24,300.0	10,280.7	24,226.5	10,260.1	122.3	122.0	88.61	-13,862.8	143.4	840.2	596.0	244.22	3.440	
24,400.0	10,280.3	24,326.5	10,259.6	123.1	122.8	88.61	-13,962.8	142.5	840.2	594.3	245.93	3.416	
24,500.0	10,279.8	24,426.5	10,259.2	124.0	123.7	88.61	-14,062.8	141.6	840.2	592.6	247.64	3.393	
24,600.0	10,279.4	24,526.5	10,258.7	124.9	124.6	88.61	-14,162.8	140.7	840.2	590.8	249.35	3.370	
24,700.0	10,279.0	24,626.5	10,258.2	125.7	125.4	88.61	-14,262.8	139.8	840.2	589.1	251.06	3.347	
24,800.0	10,278.5	24,726.5	10,257.8	126.6	126.3	88.60	-14,362.8	138.8	840.2	587.4	252.77	3.324	
24,900.0	10,278.1	24,826.5	10,257.3	127.4	127.1	88.60	-14,462.8	137.9	840.2	585.7	254.48	3.302	
25,000.0	10,277.7	24,926.5	10,256.8	128.3	128.0	88.60	-14,562.7	137.0	840.2	584.0	256.19	3.280	
25,100.0	10,277.3	25,026.5	10,256.4	129.1	128.8	88.60	-14,662.7	136.1	840.2	582.3	257.90	3.258	
25,200.0	10,276.8	25,126.5	10,255.9	130.0	129.7	88.59	-14,762.7	135.2	840.2	580.6	259.61	3.236	
25,300.0	10,276.4	25,226.5	10,255.4	130.8	130.5	88.59	-14,862.7	134.2	840.2	578.9	261.32	3.215	
25,400.0	10,276.0	25,326.5	10,255.0	131.7	131.4	88.59	-14,962.7	133.3	840.2	577.1	263.03	3.194	
25,500.0	10,275.5	25,426.5	10,254.5	132.5	132.3	88.59	-15,062.7	132.4	840.2	575.4	264.74	3.174	
25,600.0	10,275.1	25,526.5	10,254.0	133.4	133.1	88.58	-15,162.7	131.5	840.2	573.7	266.45	3.153	
25,700.0	10,274.7	25,626.5	10,253.6	134.3	134.0	88.58	-15,262.7	130.6	840.2	572.0	268.16	3.133	
25,800.0	10,274.2	25,726.5	10,253.1	135.1	134.8	88.58	-15,362.7	129.6	840.2	570.3	269.88	3.113	
25,825.1	10,274.1	25,751.6	10,253.0	135.3	135.0	88.58	-15,387.8	129.4	840.2	569.9	270.30	3.108 SF	
25,856.7	10,274.0	25,753.2	10,253.0	135.6	135.1	88.58	-15,389.4	129.4	840.7	570.4	270.29	3.110	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #712H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9620-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	-127.66	-45.3	-58.7	74.1				
100.0	100.0	99.5	99.5	3.0	3.0	-127.66	-45.3	-58.7	74.1	68.1	6.00	12.357	
200.0	200.0	199.5	199.5	3.0	3.0	-127.66	-45.3	-58.7	74.1	68.1	6.01	12.346	
300.0	300.0	299.5	299.5	3.0	3.0	-127.66	-45.3	-58.7	74.1	68.1	6.02	12.321	
400.0	400.0	399.5	399.5	3.0	3.0	-127.66	-45.3	-58.7	74.1	68.1	6.04	12.284	
500.0	500.0	499.5	499.5	3.1	3.1	-127.66	-45.3	-58.7	74.1	68.1	6.06	12.234	
600.0	600.0	599.5	599.5	3.1	3.1	-127.66	-45.3	-58.7	74.1	68.1	6.09	12.173	
700.0	700.0	699.5	699.5	3.1	3.1	-127.66	-45.3	-58.7	74.1	68.0	6.13	12.100	
800.0	800.0	799.5	799.5	3.2	3.2	-127.66	-45.3	-58.7	74.1	68.0	6.17	12.016	
900.0	900.0	899.5	899.5	3.2	3.2	-127.66	-45.3	-58.7	74.1	67.9	6.22	11.923	
1,000.0	1,000.0	999.5	999.5	3.2	3.2	-127.66	-45.3	-58.7	74.1	67.9	6.27	11.820	
1,100.0	1,100.0	1,099.5	1,099.5	3.3	3.3	-127.66	-45.3	-58.7	74.1	67.8	6.33	11.708	
1,200.0	1,200.0	1,199.5	1,199.5	3.4	3.4	-127.66	-45.3	-58.7	74.1	67.7	6.40	11.589	
1,300.0	1,300.0	1,299.5	1,299.5	3.4	3.4	-127.66	-45.3	-58.7	74.1	67.7	6.47	11.463	
1,400.0	1,400.0	1,399.5	1,399.5	3.5	3.5	-127.66	-45.3	-58.7	74.1	67.6	6.54	11.330	
1,500.0	1,500.0	1,499.5	1,499.5	3.5	3.5	-127.66	-45.3	-58.7	74.1	67.5	6.62	11.193	
1,600.0	1,600.0	1,599.5	1,599.5	3.6	3.6	-127.66	-45.3	-58.7	74.1	67.4	6.71	11.051	
1,700.0	1,700.0	1,699.5	1,699.5	3.7	3.7	-127.66	-45.3	-58.7	74.1	67.3	6.80	10.905	
1,800.0	1,800.0	1,799.5	1,799.5	3.8	3.8	-127.66	-45.3	-58.7	74.1	67.3	6.89	10.756	
1,900.0	1,900.0	1,899.5	1,899.5	3.9	3.9	-127.66	-45.3	-58.7	74.1	67.2	6.99	10.605	
2,000.0	2,000.0	1,999.5	1,999.5	3.9	3.9	-127.66	-45.3	-58.7	74.1	67.1	7.09	10.452	CC, ES, SF
2,100.0	2,100.0	2,099.5	2,099.5	4.0	4.0	159.64	-45.3	-58.7	75.8	68.6	7.20	10.532	
2,200.0	2,199.8	2,199.3	2,199.3	4.1	4.1	160.90	-45.3	-58.7	80.7	73.4	7.29	11.078	
2,300.0	2,299.5	2,299.0	2,299.0	4.1	4.2	162.69	-45.3	-58.7	89.0	81.6	7.36	12.089	
2,400.0	2,398.7	2,398.2	2,398.2	4.2	4.3	164.69	-45.3	-58.7	100.7	93.3	7.43	13.553	
2,500.0	2,497.7	2,497.2	2,497.2	4.2	4.4	166.53	-45.3	-58.7	114.2	106.7	7.50	15.218	
2,600.0	2,596.8	2,595.0	2,595.0	4.3	4.5	168.65	-44.2	-59.8	128.2	120.7	7.55	16.974	
2,700.0	2,695.8	2,692.2	2,692.0	4.3	4.6	171.61	-40.7	-63.2	143.5	135.9	7.57	18.960	
2,800.0	2,794.8	2,789.3	2,788.8	4.4	4.6	175.02	-35.2	-68.8	160.3	152.7	7.58	21.155	
2,900.0	2,893.8	2,887.3	2,886.5	4.5	4.7	177.98	-29.1	-74.8	177.8	170.2	7.61	23.375	
3,000.0	2,992.9	2,985.4	2,984.2	4.5	4.8	-179.59	-23.0	-80.9	195.6	188.0	7.66	25.555	
3,100.0	3,091.9	3,083.5	3,081.9	4.6	4.9	-177.57	-17.0	-86.9	213.8	206.1	7.72	27.679	
3,200.0	3,190.9	3,181.6	3,179.6	4.7	5.0	-175.86	-10.9	-93.0	232.2	224.4	7.81	29.739	
3,300.0	3,289.9	3,279.7	3,277.3	4.8	5.0	-174.41	-4.9	-99.0	250.7	242.8	7.90	31.727	
3,400.0	3,389.0	3,377.7	3,375.0	4.9	5.1	-173.15	1.2	-105.0	269.4	261.4	8.01	33.642	
3,500.0	3,488.0	3,475.8	3,472.7	4.9	5.2	-172.06	7.2	-111.1	288.2	280.1	8.12	35.480	
3,600.0	3,587.0	3,573.9	3,570.4	5.0	5.3	-171.10	13.3	-117.1	307.1	298.8	8.25	37.241	
3,700.0	3,686.0	3,672.0	3,668.2	5.1	5.4	-170.26	19.3	-123.1	326.1	317.7	8.38	38.927	
3,800.0	3,785.1	3,770.1	3,765.9	5.2	5.5	-169.50	25.4	-129.2	345.1	336.6	8.51	40.537	
3,900.0	3,884.1	3,868.1	3,863.6	5.3	5.6	-168.83	31.4	-135.2	364.1	355.5	8.65	42.073	
4,000.0	3,983.1	3,966.2	3,961.3	5.4	5.7	-168.22	37.5	-141.2	383.2	374.4	8.80	43.538	
4,100.0	4,082.2	4,064.3	4,059.0	5.5	5.8	-167.67	43.5	-147.3	402.4	393.4	8.96	44.934	
4,200.0	4,181.2	4,162.4	4,156.7	5.6	5.9	-167.17	49.6	-153.3	421.6	412.5	9.11	46.262	
4,300.0	4,280.2	4,260.5	4,254.4	5.7	6.0	-166.71	55.7	-159.3	440.8	431.5	9.27	47.527	
4,400.0	4,379.2	4,358.5	4,352.1	5.8	6.1	-166.29	61.7	-165.4	460.0	450.6	9.44	48.729	
4,500.0	4,478.3	4,456.6	4,449.8	5.9	6.2	-165.91	67.8	-171.4	479.3	469.7	9.61	49.872	
4,600.0	4,577.3	4,554.7	4,547.5	6.0	6.3	-165.55	73.8	-177.4	498.6	488.8	9.78	50.959	
4,700.0	4,676.3	4,652.8	4,645.2	6.1	6.4	-165.22	79.9	-183.5	517.9	507.9	9.96	51.992	
4,800.0	4,775.3	4,750.8	4,742.9	6.2	6.5	-164.92	85.9	-189.5	537.2	527.0	10.14	52.974	
4,900.0	4,874.4	4,848.9	4,840.6	6.3	6.6	-164.63	92.0	-195.5	556.5	546.2	10.32	53.907	
5,000.0	4,973.4	4,947.0	4,938.3	6.4	6.7	-164.37	98.0	-201.6	575.8	565.3	10.51	54.793	

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 ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Offset Design: ROCK JELLY FEDERAL PROJECT (ATLAS 2629) - ROCK JELLY FED COM #712H - OWB - PWP1 — **Offset Site Error:** 0.0 usft

Survey Program: 0-Standard Keeper 104, 9620-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

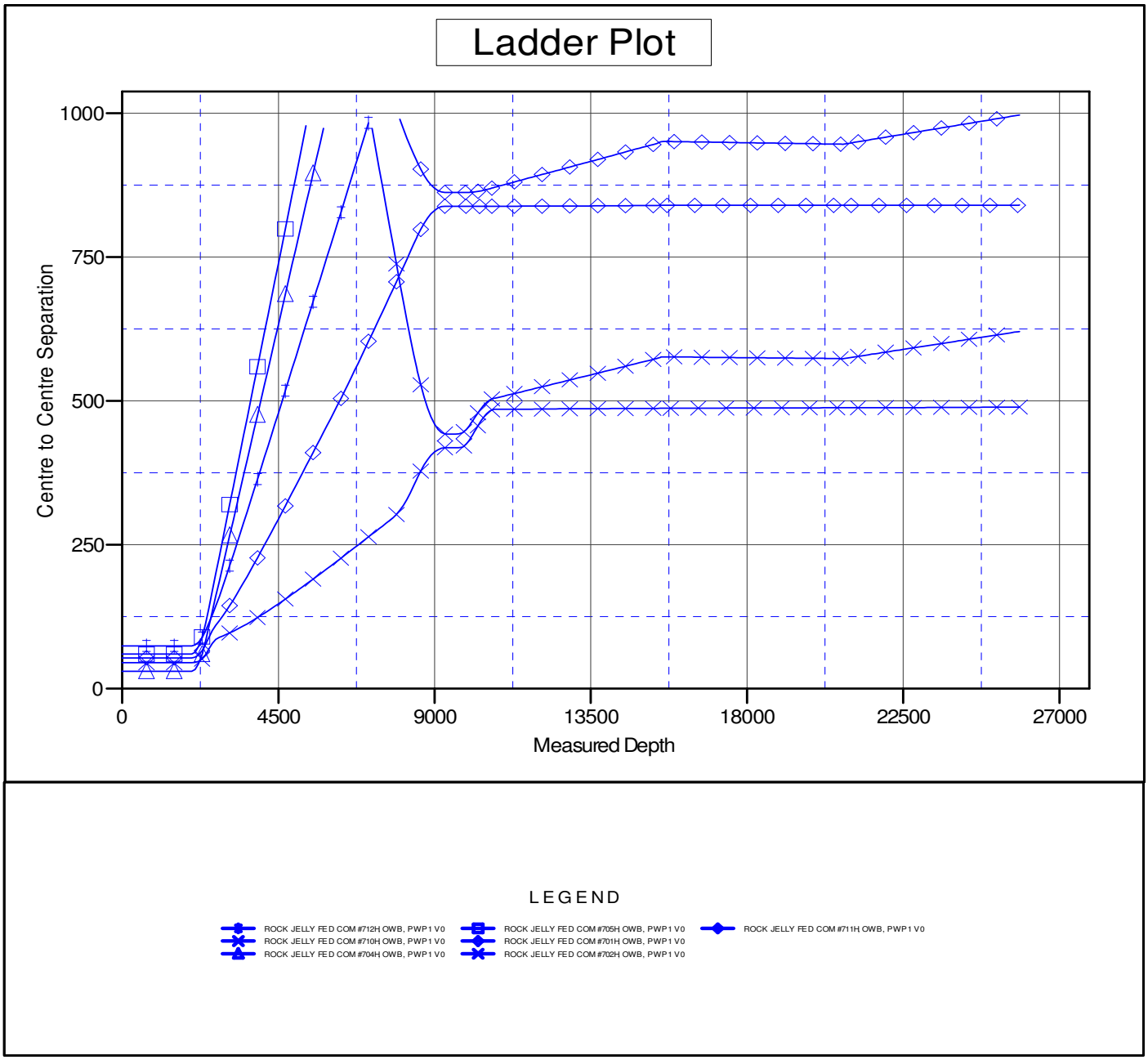
Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.0	5,072.4	5,045.1	5,036.0	6.5	6.8	-164.12	104.1	-207.6	595.2	584.5	10.70	55.636	
5,200.0	5,171.5	5,143.2	5,133.7	6.6	6.9	-163.89	110.1	-213.6	614.5	603.6	10.89	56.436	
5,300.0	5,270.5	5,241.2	5,231.4	6.8	7.0	-163.67	116.2	-219.7	633.9	622.8	11.08	57.196	
5,400.0	5,369.5	5,339.3	5,329.2	6.9	7.2	-163.46	122.3	-225.7	653.3	642.0	11.28	57.919	
5,500.0	5,468.5	5,437.4	5,426.9	7.0	7.3	-163.27	128.3	-231.7	672.6	661.2	11.48	58.606	
5,600.0	5,567.6	5,535.5	5,524.6	7.1	7.4	-163.09	134.4	-237.8	692.0	680.4	11.68	59.259	
5,700.0	5,666.6	5,633.6	5,622.3	7.2	7.5	-162.92	140.4	-243.8	711.4	699.5	11.88	59.880	
5,800.0	5,765.6	5,731.6	5,720.0	7.3	7.6	-162.75	146.5	-249.9	730.8	718.7	12.09	60.470	
5,900.0	5,864.6	5,829.7	5,817.7	7.4	7.7	-162.60	152.5	-255.9	750.2	737.9	12.29	61.032	
6,000.0	5,963.7	5,927.8	5,915.4	7.6	7.8	-162.45	158.6	-261.9	769.6	757.1	12.50	61.565	
6,100.0	6,062.7	6,025.9	6,013.1	7.7	7.9	-162.31	164.6	-268.0	789.1	776.3	12.71	62.073	
6,200.0	6,161.7	6,124.0	6,110.8	7.8	8.1	-162.18	170.7	-274.0	808.5	795.6	12.92	62.556	
6,300.0	6,260.7	6,222.0	6,208.5	7.9	8.2	-162.05	176.7	-280.0	827.9	814.8	13.14	63.016	
6,400.0	6,359.8	6,320.1	6,306.2	8.0	8.3	-161.93	182.8	-286.1	847.3	834.0	13.35	63.454	
6,500.0	6,458.8	6,418.2	6,403.9	8.2	8.4	-161.81	188.9	-292.1	866.8	853.2	13.57	63.870	
6,600.0	6,557.8	6,516.3	6,501.6	8.3	8.5	-161.70	194.9	-298.1	886.2	872.4	13.79	64.266	
6,700.0	6,656.9	6,614.4	6,599.3	8.4	8.6	-161.60	201.0	-304.2	905.6	891.6	14.01	64.643	
6,800.0	6,755.9	6,712.4	6,697.0	8.5	8.7	-161.50	207.0	-310.2	925.1	910.8	14.23	65.002	
6,900.0	6,854.9	6,810.5	6,794.7	8.7	8.9	-161.40	213.1	-316.2	944.5	930.1	14.45	65.344	
7,000.0	6,953.9	6,908.6	6,892.5	8.8	9.0	-161.30	219.1	-322.3	964.0	949.3	14.68	65.670	
7,100.0	7,053.0	7,006.7	6,990.2	8.9	9.1	-161.21	225.2	-328.3	983.4	968.5	14.90	65.980	

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB=25' @ 3003.6usft (P84)
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FED COM #703H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°



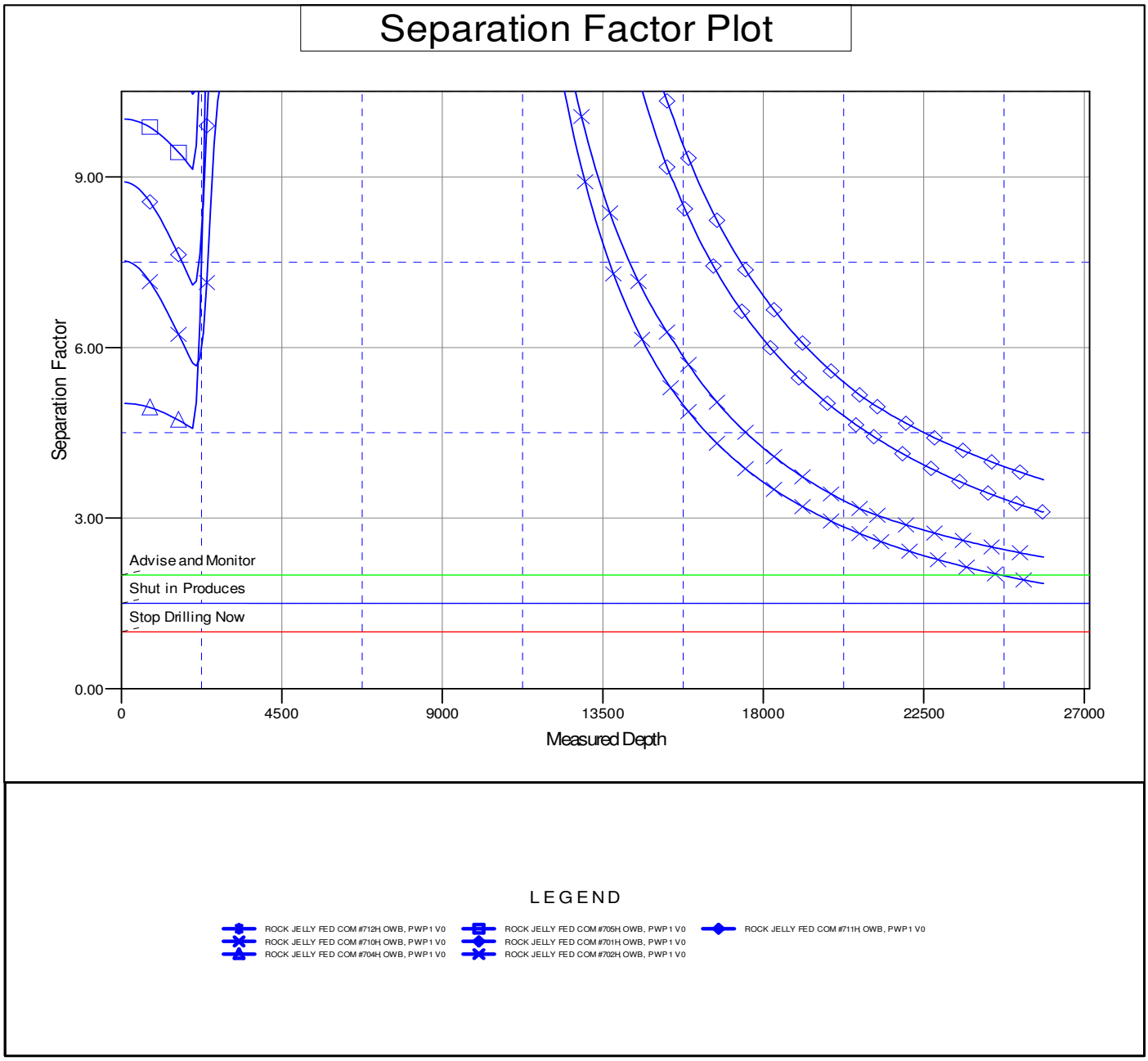
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FED COM #703H	**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:	PWP1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB=25' @ 3003.6usft (P84)
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FED COM #703H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°



DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)
ROCK JELLY FEDERAL PROJECT (ATLAS 2629)
ROCK JELLY FED COM #703H

OWB

Plan: PWP1

Standard Survey Report

18 January, 2022

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

Project ATLAS PROSPECT (NM-E)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site ROCK JELLY FEDERAL PROJECT (ATLAS 2629)

Site Position:		**Northing:**	392,391.50 usft	**Latitude:**	32° 4' 41.768 N
From:	Map	**Easting:**	613,615.50 usft	**Longitude:**	103° 57' 59.453 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.19 °

Well ROCK JELLY FED COM #703H

Well Position	**+N/-S**	0.0 usft	**Northing:**	392,240.80 usft	**Latitude:**	32° 4' 40.367 N
	+E/-W	0.0 usft	**Easting:**	610,899.40 usft	**Longitude:**	103° 58' 31.027 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,978.6 usft

Wellbore OWB

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2021	12/13/2021	6.65	59.69	47,531.35386785

Design PWP1

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	176.41

Survey Tool Program **Date** 1/18/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	9,730.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
9,730.0	25,856.7	PWP1 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction

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

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Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

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)
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
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
2,100.0	2.00	73.16	2,100.0	0.5	1.7	-0.4	2.00	2.00	0.00
2,200.0	4.00	73.16	2,199.8	2.0	6.7	-1.6	2.00	2.00	0.00
2,300.0	6.00	73.16	2,299.5	4.5	15.0	-3.6	2.00	2.00	0.00
2,400.0	8.00	73.16	2,398.7	8.1	26.7	-6.4	2.00	2.00	0.00
Start 6095.5 hold at 2400.0 MD									
2,500.0	8.00	73.16	2,497.7	12.1	40.0	-9.6	0.00	0.00	0.00
2,600.0	8.00	73.16	2,596.8	16.1	53.3	-12.8	0.00	0.00	0.00
2,700.0	8.00	73.16	2,695.8	20.2	66.6	-16.0	0.00	0.00	0.00
2,800.0	8.00	73.16	2,794.8	24.2	80.0	-19.1	0.00	0.00	0.00
2,900.0	8.00	73.16	2,893.8	28.2	93.3	-22.3	0.00	0.00	0.00
3,000.0	8.00	73.16	2,992.9	32.3	106.6	-25.5	0.00	0.00	0.00
3,100.0	8.00	73.16	3,091.9	36.3	119.9	-28.7	0.00	0.00	0.00
3,200.0	8.00	73.16	3,190.9	40.3	133.2	-31.9	0.00	0.00	0.00
3,300.0	8.00	73.16	3,289.9	44.4	146.6	-35.1	0.00	0.00	0.00
3,400.0	8.00	73.16	3,389.0	48.4	159.9	-38.3	0.00	0.00	0.00
3,500.0	8.00	73.16	3,488.0	52.4	173.2	-41.5	0.00	0.00	0.00
3,600.0	8.00	73.16	3,587.0	56.5	186.5	-44.7	0.00	0.00	0.00
3,700.0	8.00	73.16	3,686.0	60.5	199.9	-47.8	0.00	0.00	0.00
3,800.0	8.00	73.16	3,785.1	64.5	213.2	-51.0	0.00	0.00	0.00
3,900.0	8.00	73.16	3,884.1	68.6	226.5	-54.2	0.00	0.00	0.00
4,000.0	8.00	73.16	3,983.1	72.6	239.8	-57.4	0.00	0.00	0.00
4,100.0	8.00	73.16	4,082.2	76.6	253.1	-60.6	0.00	0.00	0.00
4,200.0	8.00	73.16	4,181.2	80.7	266.5	-63.8	0.00	0.00	0.00
4,300.0	8.00	73.16	4,280.2	84.7	279.8	-67.0	0.00	0.00	0.00
4,400.0	8.00	73.16	4,379.2	88.7	293.1	-70.2	0.00	0.00	0.00
4,500.0	8.00	73.16	4,478.3	92.7	306.4	-73.4	0.00	0.00	0.00
4,600.0	8.00	73.16	4,577.3	96.8	319.7	-76.5	0.00	0.00	0.00
4,700.0	8.00	73.16	4,676.3	100.8	333.1	-79.7	0.00	0.00	0.00
4,800.0	8.00	73.16	4,775.3	104.8	346.4	-82.9	0.00	0.00	0.00
4,900.0	8.00	73.16	4,874.4	108.9	359.7	-86.1	0.00	0.00	0.00

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Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,000.0	8.00	73.16	4,973.4	112.9	373.0	-89.3	0.00	0.00	0.00
5,100.0	8.00	73.16	5,072.4	116.9	386.3	-92.5	0.00	0.00	0.00
5,200.0	8.00	73.16	5,171.5	121.0	399.7	-95.7	0.00	0.00	0.00
5,300.0	8.00	73.16	5,270.5	125.0	413.0	-98.9	0.00	0.00	0.00
5,400.0	8.00	73.16	5,369.5	129.0	426.3	-102.1	0.00	0.00	0.00
5,500.0	8.00	73.16	5,468.5	133.1	439.6	-105.2	0.00	0.00	0.00
5,600.0	8.00	73.16	5,567.6	137.1	452.9	-108.4	0.00	0.00	0.00
5,700.0	8.00	73.16	5,666.6	141.1	466.3	-111.6	0.00	0.00	0.00
5,800.0	8.00	73.16	5,765.6	145.2	479.6	-114.8	0.00	0.00	0.00
5,900.0	8.00	73.16	5,864.6	149.2	492.9	-118.0	0.00	0.00	0.00
6,000.0	8.00	73.16	5,963.7	153.2	506.2	-121.2	0.00	0.00	0.00
6,100.0	8.00	73.16	6,062.7	157.3	519.5	-124.4	0.00	0.00	0.00
6,200.0	8.00	73.16	6,161.7	161.3	532.9	-127.6	0.00	0.00	0.00
6,300.0	8.00	73.16	6,260.7	165.3	546.2	-130.8	0.00	0.00	0.00
6,400.0	8.00	73.16	6,359.8	169.4	559.5	-133.9	0.00	0.00	0.00
6,500.0	8.00	73.16	6,458.8	173.4	572.8	-137.1	0.00	0.00	0.00
6,600.0	8.00	73.16	6,557.8	177.4	586.1	-140.3	0.00	0.00	0.00
6,700.0	8.00	73.16	6,656.9	181.5	599.5	-143.5	0.00	0.00	0.00
6,800.0	8.00	73.16	6,755.9	185.5	612.8	-146.7	0.00	0.00	0.00
6,900.0	8.00	73.16	6,854.9	189.5	626.1	-149.9	0.00	0.00	0.00
7,000.0	8.00	73.16	6,953.9	193.5	639.4	-153.1	0.00	0.00	0.00
7,100.0	8.00	73.16	7,053.0	197.6	652.7	-156.3	0.00	0.00	0.00
7,200.0	8.00	73.16	7,152.0	201.6	666.1	-159.5	0.00	0.00	0.00
7,300.0	8.00	73.16	7,251.0	205.6	679.4	-162.7	0.00	0.00	0.00
7,400.0	8.00	73.16	7,350.0	209.7	692.7	-165.8	0.00	0.00	0.00
7,500.0	8.00	73.16	7,449.1	213.7	706.0	-169.0	0.00	0.00	0.00
7,600.0	8.00	73.16	7,548.1	217.7	719.3	-172.2	0.00	0.00	0.00
7,700.0	8.00	73.16	7,647.1	221.8	732.7	-175.4	0.00	0.00	0.00
7,800.0	8.00	73.16	7,746.1	225.8	746.0	-178.6	0.00	0.00	0.00
7,900.0	8.00	73.16	7,845.2	229.8	759.3	-181.8	0.00	0.00	0.00
8,000.0	8.00	73.16	7,944.2	233.9	772.6	-185.0	0.00	0.00	0.00
8,100.0	8.00	73.16	8,043.2	237.9	786.0	-188.2	0.00	0.00	0.00
8,200.0	8.00	73.16	8,142.3	241.9	799.3	-191.4	0.00	0.00	0.00
8,300.0	8.00	73.16	8,241.3	246.0	812.6	-194.5	0.00	0.00	0.00
8,400.0	8.00	73.16	8,340.3	250.0	825.9	-197.7	0.00	0.00	0.00
8,495.5	8.00	73.16	8,434.9	253.8	838.6	-200.8	0.00	0.00	0.00
Start Drop -1.00									
8,500.0	7.95	73.16	8,439.3	254.0	839.2	-200.9	1.00	-1.00	0.00
8,600.0	6.95	73.16	8,538.5	257.8	851.6	-203.9	1.00	-1.00	0.00
8,700.0	5.95	73.16	8,637.9	261.0	862.4	-206.5	1.00	-1.00	0.00
8,800.0	4.95	73.16	8,737.4	263.8	871.5	-208.6	1.00	-1.00	0.00
8,900.0	3.95	73.16	8,837.1	266.0	878.9	-210.4	1.00	-1.00	0.00

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Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,000.0	2.95	73.16	8,936.9	267.8	884.7	-211.8	1.00	-1.00	0.00
9,100.0	1.95	73.16	9,036.8	269.0	888.8	-212.8	1.00	-1.00	0.00
9,200.0	0.95	73.16	9,136.8	269.8	891.2	-213.4	1.00	-1.00	0.00
9,295.5	0.00	0.00	9,232.3	270.0	892.0	-213.6	1.00	-1.00	0.00
Start 533.9 hold at 9295.5 MD									
9,300.0	0.00	0.00	9,236.8	270.0	892.0	-213.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,336.8	270.0	892.0	-213.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,436.8	270.0	892.0	-213.6	0.00	0.00	0.00
9,600.0	0.00	0.00	9,536.8	270.0	892.0	-213.6	0.00	0.00	0.00
9,700.0	0.00	0.00	9,636.8	270.0	892.0	-213.6	0.00	0.00	0.00
9,800.0	0.00	0.00	9,736.8	270.0	892.0	-213.6	0.00	0.00	0.00
9,829.4	0.00	0.00	9,766.2	270.0	892.0	-213.6	0.00	0.00	0.00
Start DLS 10.00 TFO 178.24									
9,900.0	7.06	178.24	9,836.6	265.7	892.1	-209.2	10.00	10.00	0.00
10,000.0	17.06	178.24	9,934.3	244.8	892.8	-188.4	10.00	10.00	0.00
10,100.0	27.06	178.24	10,026.8	207.3	893.9	-150.9	10.00	10.00	0.00
10,200.0	37.06	178.24	10,111.5	154.3	895.6	-97.9	10.00	10.00	0.00
10,300.0	47.06	178.24	10,185.6	87.5	897.6	-31.0	10.00	10.00	0.00
10,400.0	57.06	178.24	10,247.0	8.7	900.0	47.7	10.00	10.00	0.00
10,500.0	67.06	178.24	10,293.8	-79.5	902.8	135.9	10.00	10.00	0.00
10,600.0	77.06	178.24	10,324.6	-174.4	905.7	230.9	10.00	10.00	0.00
10,700.0	87.06	178.24	10,338.4	-273.3	908.7	329.7	10.00	10.00	0.00
10,731.9	90.25	178.24	10,339.2	-305.2	909.7	361.6	10.00	10.00	0.00
Start 4685.5 hold at 10731.9 MD									
10,800.0	90.25	178.24	10,338.9	-373.2	911.8	429.7	0.00	0.00	0.00
10,900.0	90.25	178.24	10,338.4	-473.2	914.9	529.6	0.00	0.00	0.00
11,000.0	90.25	178.24	10,338.0	-573.1	918.0	629.6	0.00	0.00	0.00
11,100.0	90.25	178.24	10,337.6	-673.1	921.0	729.5	0.00	0.00	0.00
11,200.0	90.25	178.24	10,337.1	-773.0	924.1	829.5	0.00	0.00	0.00
11,300.0	90.25	178.24	10,336.7	-873.0	927.2	929.4	0.00	0.00	0.00
11,400.0	90.25	178.24	10,336.3	-972.9	930.3	1,029.3	0.00	0.00	0.00
11,500.0	90.25	178.24	10,335.8	-1,072.9	933.4	1,129.3	0.00	0.00	0.00
11,600.0	90.25	178.24	10,335.4	-1,172.8	936.4	1,229.2	0.00	0.00	0.00
11,700.0	90.25	178.24	10,334.9	-1,272.8	939.5	1,329.2	0.00	0.00	0.00
11,800.0	90.25	178.24	10,334.5	-1,372.8	942.6	1,429.1	0.00	0.00	0.00
11,900.0	90.25	178.24	10,334.1	-1,472.7	945.7	1,529.1	0.00	0.00	0.00
12,000.0	90.25	178.24	10,333.6	-1,572.7	948.8	1,629.0	0.00	0.00	0.00
12,100.0	90.25	178.24	10,333.2	-1,672.6	951.8	1,729.0	0.00	0.00	0.00
12,200.0	90.25	178.24	10,332.8	-1,772.6	954.9	1,828.9	0.00	0.00	0.00
12,300.0	90.25	178.24	10,332.3	-1,872.5	958.0	1,928.9	0.00	0.00	0.00
12,400.0	90.25	178.24	10,331.9	-1,972.5	961.1	2,028.8	0.00	0.00	0.00
12,500.0	90.25	178.24	10,331.5	-2,072.4	964.2	2,128.8	0.00	0.00	0.00
12,600.0	90.25	178.24	10,331.0	-2,172.4	967.2	2,228.7	0.00	0.00	0.00

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Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,700.0	90.25	178.24	10,330.6	-2,272.3	970.3	2,328.7	0.00	0.00	0.00
12,800.0	90.25	178.24	10,330.2	-2,372.3	973.4	2,428.6	0.00	0.00	0.00
12,900.0	90.25	178.24	10,329.7	-2,472.2	976.5	2,528.6	0.00	0.00	0.00
13,000.0	90.25	178.24	10,329.3	-2,572.2	979.5	2,628.5	0.00	0.00	0.00
13,100.0	90.25	178.24	10,328.9	-2,672.1	982.6	2,728.5	0.00	0.00	0.00
13,200.0	90.25	178.24	10,328.4	-2,772.1	985.7	2,828.4	0.00	0.00	0.00
13,300.0	90.25	178.24	10,328.0	-2,872.0	988.8	2,928.4	0.00	0.00	0.00
13,400.0	90.25	178.24	10,327.6	-2,972.0	991.9	3,028.3	0.00	0.00	0.00
13,500.0	90.25	178.24	10,327.1	-3,071.9	994.9	3,128.3	0.00	0.00	0.00
13,600.0	90.25	178.24	10,326.7	-3,171.9	998.0	3,228.2	0.00	0.00	0.00
13,700.0	90.25	178.24	10,326.3	-3,271.8	1,001.1	3,328.2	0.00	0.00	0.00
13,800.0	90.25	178.24	10,325.8	-3,371.8	1,004.2	3,428.1	0.00	0.00	0.00
13,900.0	90.25	178.24	10,325.4	-3,471.7	1,007.3	3,528.1	0.00	0.00	0.00
14,000.0	90.25	178.24	10,325.0	-3,571.7	1,010.3	3,628.0	0.00	0.00	0.00
14,100.0	90.25	178.24	10,324.5	-3,671.6	1,013.4	3,727.9	0.00	0.00	0.00
14,200.0	90.25	178.24	10,324.1	-3,771.6	1,016.5	3,827.9	0.00	0.00	0.00
14,300.0	90.25	178.24	10,323.7	-3,871.5	1,019.6	3,927.8	0.00	0.00	0.00
14,400.0	90.25	178.24	10,323.2	-3,971.5	1,022.6	4,027.8	0.00	0.00	0.00
14,500.0	90.25	178.24	10,322.8	-4,071.4	1,025.7	4,127.7	0.00	0.00	0.00
14,600.0	90.25	178.24	10,322.4	-4,171.4	1,028.8	4,227.7	0.00	0.00	0.00
14,700.0	90.25	178.24	10,321.9	-4,271.4	1,031.9	4,327.6	0.00	0.00	0.00
14,800.0	90.25	178.24	10,321.5	-4,371.3	1,035.0	4,427.6	0.00	0.00	0.00
14,900.0	90.25	178.24	10,321.0	-4,471.3	1,038.0	4,527.5	0.00	0.00	0.00
15,000.0	90.25	178.24	10,320.6	-4,571.2	1,041.1	4,627.5	0.00	0.00	0.00
15,100.0	90.25	178.24	10,320.2	-4,671.2	1,044.2	4,727.4	0.00	0.00	0.00
15,200.0	90.25	178.24	10,319.7	-4,771.1	1,047.3	4,827.4	0.00	0.00	0.00
15,300.0	90.25	178.24	10,319.3	-4,871.1	1,050.4	4,927.3	0.00	0.00	0.00
15,400.0	90.25	178.24	10,318.9	-4,971.0	1,053.4	5,027.3	0.00	0.00	0.00
15,417.4	90.25	178.24	10,318.8	-4,988.4	1,054.0	5,044.7	0.00	0.00	0.00
Start DLS 2.00 TFO 90.09									
15,500.0	90.25	179.89	10,318.4	-5,071.0	1,055.3	5,127.2	2.00	0.00	2.00
15,527.1	90.25	180.43	10,318.3	-5,098.1	1,055.2	5,154.2	2.00	0.00	2.00
Start 5236.5 hold at 15527.1 MD									
15,600.0	90.25	180.43	10,318.0	-5,171.0	1,054.7	5,226.9	0.00	0.00	0.00
15,700.0	90.25	180.43	10,317.6	-5,271.0	1,053.9	5,326.7	0.00	0.00	0.00
15,800.0	90.25	180.43	10,317.2	-5,371.0	1,053.2	5,426.4	0.00	0.00	0.00
15,900.0	90.25	180.43	10,316.7	-5,471.0	1,052.4	5,526.2	0.00	0.00	0.00
16,000.0	90.25	180.43	10,316.3	-5,571.0	1,051.7	5,625.9	0.00	0.00	0.00
16,100.0	90.25	180.43	10,315.9	-5,671.0	1,050.9	5,725.7	0.00	0.00	0.00
16,200.0	90.25	180.43	10,315.4	-5,771.0	1,050.2	5,825.4	0.00	0.00	0.00
16,300.0	90.25	180.43	10,315.0	-5,871.0	1,049.4	5,925.2	0.00	0.00	0.00
16,400.0	90.25	180.43	10,314.6	-5,971.0	1,048.7	6,025.0	0.00	0.00	0.00
16,500.0	90.25	180.43	10,314.2	-6,071.0	1,047.9	6,124.7	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

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)
16,600.0	90.25	180.43	10,313.7	-6,170.9	1,047.2	6,224.5	0.00	0.00	0.00
16,700.0	90.25	180.43	10,313.3	-6,270.9	1,046.4	6,324.2	0.00	0.00	0.00
16,800.0	90.25	180.43	10,312.9	-6,370.9	1,045.7	6,424.0	0.00	0.00	0.00
16,900.0	90.25	180.43	10,312.4	-6,470.9	1,044.9	6,523.7	0.00	0.00	0.00
17,000.0	90.25	180.43	10,312.0	-6,570.9	1,044.2	6,623.5	0.00	0.00	0.00
17,100.0	90.25	180.43	10,311.6	-6,670.9	1,043.4	6,723.2	0.00	0.00	0.00
17,200.0	90.25	180.43	10,311.2	-6,770.9	1,042.7	6,823.0	0.00	0.00	0.00
17,300.0	90.25	180.43	10,310.7	-6,870.9	1,041.9	6,922.7	0.00	0.00	0.00
17,400.0	90.25	180.43	10,310.3	-6,970.9	1,041.2	7,022.5	0.00	0.00	0.00
17,500.0	90.25	180.43	10,309.9	-7,070.9	1,040.4	7,122.2	0.00	0.00	0.00
17,600.0	90.25	180.43	10,309.4	-7,170.9	1,039.7	7,222.0	0.00	0.00	0.00
17,700.0	90.25	180.43	10,309.0	-7,270.9	1,038.9	7,321.7	0.00	0.00	0.00
17,800.0	90.25	180.43	10,308.6	-7,370.9	1,038.2	7,421.5	0.00	0.00	0.00
17,900.0	90.25	180.43	10,308.2	-7,470.9	1,037.4	7,521.2	0.00	0.00	0.00
18,000.0	90.25	180.43	10,307.7	-7,570.9	1,036.7	7,621.0	0.00	0.00	0.00
18,100.0	90.25	180.43	10,307.3	-7,670.9	1,035.9	7,720.7	0.00	0.00	0.00
18,200.0	90.25	180.43	10,306.9	-7,770.9	1,035.2	7,820.5	0.00	0.00	0.00
18,300.0	90.25	180.43	10,306.5	-7,870.9	1,034.4	7,920.3	0.00	0.00	0.00
18,400.0	90.25	180.43	10,306.0	-7,970.9	1,033.7	8,020.0	0.00	0.00	0.00
18,500.0	90.25	180.43	10,305.6	-8,070.9	1,032.9	8,119.8	0.00	0.00	0.00
18,600.0	90.25	180.43	10,305.2	-8,170.9	1,032.2	8,219.5	0.00	0.00	0.00
18,700.0	90.25	180.43	10,304.7	-8,270.9	1,031.4	8,319.3	0.00	0.00	0.00
18,800.0	90.25	180.43	10,304.3	-8,370.9	1,030.7	8,419.0	0.00	0.00	0.00
18,900.0	90.25	180.43	10,303.9	-8,470.9	1,029.9	8,518.8	0.00	0.00	0.00
19,000.0	90.25	180.43	10,303.5	-8,570.9	1,029.2	8,618.5	0.00	0.00	0.00
19,100.0	90.25	180.43	10,303.0	-8,670.9	1,028.4	8,718.3	0.00	0.00	0.00
19,200.0	90.25	180.43	10,302.6	-8,770.9	1,027.7	8,818.0	0.00	0.00	0.00
19,300.0	90.25	180.43	10,302.2	-8,870.8	1,026.9	8,917.8	0.00	0.00	0.00
19,400.0	90.25	180.43	10,301.7	-8,970.8	1,026.2	9,017.5	0.00	0.00	0.00
19,500.0	90.25	180.43	10,301.3	-9,070.8	1,025.4	9,117.3	0.00	0.00	0.00
19,600.0	90.25	180.43	10,300.9	-9,170.8	1,024.7	9,217.0	0.00	0.00	0.00
19,700.0	90.25	180.43	10,300.5	-9,270.8	1,023.9	9,316.8	0.00	0.00	0.00
19,800.0	90.25	180.43	10,300.0	-9,370.8	1,023.2	9,416.5	0.00	0.00	0.00
19,900.0	90.25	180.43	10,299.6	-9,470.8	1,022.4	9,516.3	0.00	0.00	0.00
20,000.0	90.25	180.43	10,299.2	-9,570.8	1,021.7	9,616.0	0.00	0.00	0.00
20,100.0	90.25	180.43	10,298.7	-9,670.8	1,020.9	9,715.8	0.00	0.00	0.00
20,200.0	90.25	180.43	10,298.3	-9,770.8	1,020.2	9,815.5	0.00	0.00	0.00
20,300.0	90.25	180.43	10,297.9	-9,870.8	1,019.4	9,915.3	0.00	0.00	0.00
20,400.0	90.25	180.43	10,297.5	-9,970.8	1,018.7	10,015.1	0.00	0.00	0.00
20,500.0	90.25	180.43	10,297.0	-10,070.8	1,017.9	10,114.8	0.00	0.00	0.00
20,600.0	90.25	180.43	10,296.6	-10,170.8	1,017.2	10,214.6	0.00	0.00	0.00
20,700.0	90.25	180.43	10,296.2	-10,270.8	1,016.4	10,314.3	0.00	0.00	0.00
20,763.6	90.25	180.43	10,295.9	-10,334.4	1,015.9	10,377.8	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Start DLS 2.00 TFO 89.42									
20,768.5	90.25	180.53	10,295.9	-10,339.3	1,015.9	10,382.7	2.00	0.02	2.00
Start 5088.2 hold at 20768.5 MD									
20,800.0	90.25	180.53	10,295.7	-10,370.8	1,015.6	10,414.1	0.00	0.00	0.00
20,900.0	90.25	180.53	10,295.3	-10,470.8	1,014.7	10,513.8	0.00	0.00	0.00
21,000.0	90.25	180.53	10,294.9	-10,570.8	1,013.8	10,613.5	0.00	0.00	0.00
21,100.0	90.25	180.53	10,294.5	-10,670.8	1,012.8	10,713.3	0.00	0.00	0.00
21,200.0	90.25	180.53	10,294.0	-10,770.8	1,011.9	10,813.0	0.00	0.00	0.00
21,300.0	90.25	180.53	10,293.6	-10,870.8	1,011.0	10,912.8	0.00	0.00	0.00
21,400.0	90.25	180.53	10,293.2	-10,970.8	1,010.1	11,012.5	0.00	0.00	0.00
21,500.0	90.25	180.53	10,292.7	-11,070.8	1,009.2	11,112.2	0.00	0.00	0.00
21,600.0	90.25	180.53	10,292.3	-11,170.7	1,008.2	11,212.0	0.00	0.00	0.00
21,700.0	90.25	180.53	10,291.9	-11,270.7	1,007.3	11,311.7	0.00	0.00	0.00
21,800.0	90.25	180.53	10,291.4	-11,370.7	1,006.4	11,411.5	0.00	0.00	0.00
21,900.0	90.25	180.53	10,291.0	-11,470.7	1,005.5	11,511.2	0.00	0.00	0.00
22,000.0	90.25	180.53	10,290.6	-11,570.7	1,004.5	11,610.9	0.00	0.00	0.00
22,100.0	90.25	180.53	10,290.2	-11,670.7	1,003.6	11,710.7	0.00	0.00	0.00
22,200.0	90.25	180.53	10,289.7	-11,770.7	1,002.7	11,810.4	0.00	0.00	0.00
22,300.0	90.25	180.53	10,289.3	-11,870.7	1,001.8	11,910.2	0.00	0.00	0.00
22,400.0	90.25	180.53	10,288.9	-11,970.7	1,000.9	12,009.9	0.00	0.00	0.00
22,500.0	90.25	180.53	10,288.4	-12,070.7	999.9	12,109.6	0.00	0.00	0.00
22,600.0	90.25	180.53	10,288.0	-12,170.7	999.0	12,209.4	0.00	0.00	0.00
22,700.0	90.25	180.53	10,287.6	-12,270.7	998.1	12,309.1	0.00	0.00	0.00
22,800.0	90.25	180.53	10,287.1	-12,370.7	997.2	12,408.9	0.00	0.00	0.00
22,900.0	90.25	180.53	10,286.7	-12,470.7	996.3	12,508.6	0.00	0.00	0.00
23,000.0	90.25	180.53	10,286.3	-12,570.7	995.3	12,608.3	0.00	0.00	0.00
23,100.0	90.25	180.53	10,285.9	-12,670.7	994.4	12,708.1	0.00	0.00	0.00
23,200.0	90.25	180.53	10,285.4	-12,770.7	993.5	12,807.8	0.00	0.00	0.00
23,300.0	90.25	180.53	10,285.0	-12,870.7	992.6	12,907.6	0.00	0.00	0.00
23,400.0	90.25	180.53	10,284.6	-12,970.7	991.6	13,007.3	0.00	0.00	0.00
23,500.0	90.25	180.53	10,284.1	-13,070.7	990.7	13,107.0	0.00	0.00	0.00
23,600.0	90.25	180.53	10,283.7	-13,170.6	989.8	13,206.8	0.00	0.00	0.00
23,700.0	90.25	180.53	10,283.3	-13,270.6	988.9	13,306.5	0.00	0.00	0.00
23,800.0	90.25	180.53	10,282.8	-13,370.6	988.0	13,406.3	0.00	0.00	0.00
23,900.0	90.25	180.53	10,282.4	-13,470.6	987.0	13,506.0	0.00	0.00	0.00
24,000.0	90.25	180.53	10,282.0	-13,570.6	986.1	13,605.8	0.00	0.00	0.00
24,100.0	90.25	180.53	10,281.6	-13,670.6	985.2	13,705.5	0.00	0.00	0.00
24,200.0	90.25	180.53	10,281.1	-13,770.6	984.3	13,805.2	0.00	0.00	0.00
24,300.0	90.25	180.53	10,280.7	-13,870.6	983.3	13,905.0	0.00	0.00	0.00
24,400.0	90.25	180.53	10,280.3	-13,970.6	982.4	14,004.7	0.00	0.00	0.00
24,500.0	90.25	180.53	10,279.8	-14,070.6	981.5	14,104.5	0.00	0.00	0.00
24,600.0	90.25	180.53	10,279.4	-14,170.6	980.6	14,204.2	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

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)
24,700.0	90.25	180.53	10,279.0	-14,270.6	979.7	14,303.9	0.00	0.00	0.00
24,800.0	90.25	180.53	10,278.5	-14,370.6	978.7	14,403.7	0.00	0.00	0.00
24,900.0	90.25	180.53	10,278.1	-14,470.6	977.8	14,503.4	0.00	0.00	0.00
25,000.0	90.25	180.53	10,277.7	-14,570.6	976.9	14,603.2	0.00	0.00	0.00
25,100.0	90.25	180.53	10,277.3	-14,670.6	976.0	14,702.9	0.00	0.00	0.00
25,200.0	90.25	180.53	10,276.8	-14,770.6	975.1	14,802.6	0.00	0.00	0.00
25,300.0	90.25	180.53	10,276.4	-14,870.6	974.1	14,902.4	0.00	0.00	0.00
25,400.0	90.25	180.53	10,276.0	-14,970.6	973.2	15,002.1	0.00	0.00	0.00
25,500.0	90.25	180.53	10,275.5	-15,070.5	972.3	15,101.9	0.00	0.00	0.00
25,600.0	90.25	180.53	10,275.1	-15,170.5	971.4	15,201.6	0.00	0.00	0.00
25,700.0	90.25	180.53	10,274.7	-15,270.5	970.4	15,301.3	0.00	0.00	0.00
25,800.0	90.25	180.53	10,274.2	-15,370.5	969.5	15,401.1	0.00	0.00	0.00
25,856.7	90.25	180.53	10,274.0	-15,427.2	969.0	15,457.6	0.00	0.00	0.00
TD at 25856.7									

Design 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
LTP(ROCK JELLY FE	0.00	0.00	10,274.0	-15,297.1	968.5	376,943.70	611,867.90	32° 2' 8.948 N	103° 58' 20.365 W
- plan misses target center by 1.8usft at 25726.6usft MD (10274.6 TVD, -15297.1 N, 970.2 E)									
- Point									
PBHL(ROCK JELLY F	0.25	5.30	10,274.0	-15,427.2	969.0	376,813.60	611,868.40	32° 2' 7.660 N	103° 58' 20.364 W
- plan hits target center									
- Rectangle (sides W100.0 H5,093.0 D20.0)									
POI#2(ROCK JELLY I	0.25	0.43	10,295.9	-10,334.4	1,015.9	381,906.39	611,915.34	32° 2' 58.060 N	103° 58' 19.621 W
- plan hits target center									
- Rectangle (sides W100.0 H5,340.0 D20.0)									
POI#1(ROCK JELLY I	0.25	357.24	10,318.8	-4,988.4	1,054.0	387,252.39	611,953.37	32° 3' 50.965 N	103° 58' 18.971 W
- plan hits target center									
- Rectangle (sides W100.0 H5,270.0 D20.0)									
FTP(ROCK JELLY FE	0.00	0.00	10,339.0	23.5	899.6	392,264.30	611,799.00	32° 4' 40.570 N	103° 58' 20.570 W
- plan misses target center by 86.3usft at 10430.1usft MD (10262.7 TVD, -16.9 N, 900.8 E)									
- Circle (radius 50.0)									

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Survey Report

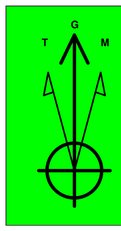
Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FED COM #703H
Project:	ATLAS PROSPECT (NM-E)	**TVD Reference:**	KB=25' @ 3003.6usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	**MD Reference:**	KB=25' @ 3003.6usft (P84)
Well:	ROCK JELLY FED COM #703H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	PWP1	**Database:**	EDT 15 Central Prod

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2000	2000	0	0	Start Build 2.00
2400	2399	8	27	Start 6095.5 hold at 2400.0 MD
8495	8435	254	839	Start Drop -1.00
9295	9232	270	892	Start 533.9 hold at 9295.5 MD
9829	9766	270	892	Start DLS 10.00 TFO 178.24
10,732	10,339	-305	910	Start 4685.5 hold at 10731.9 MD
15,417	10,319	-4988	1054	Start DLS 2.00 TFO 90.09
15,527	10,318	-5098	1055	Start 5236.5 hold at 15527.1 MD
20,764	10,296	-10,334	1016	Start DLS 2.00 TFO 89.42
20,769	10,296	-10,339	1016	Start 5088.2 hold at 20768.5 MD
25,857	10,274	-15,427	969	TD at 25856.7

Checked By: _____ Approved By: _____ Date: _____

ConocoPhillips



Azimuths to Grid North
True North: -0.19°
Magnetic North: 6.46°

Magnetic Field
Strength: 47531.4nT
Dip Angle: 59.69°
Date: 12/13/2021
Model: BGGM2021

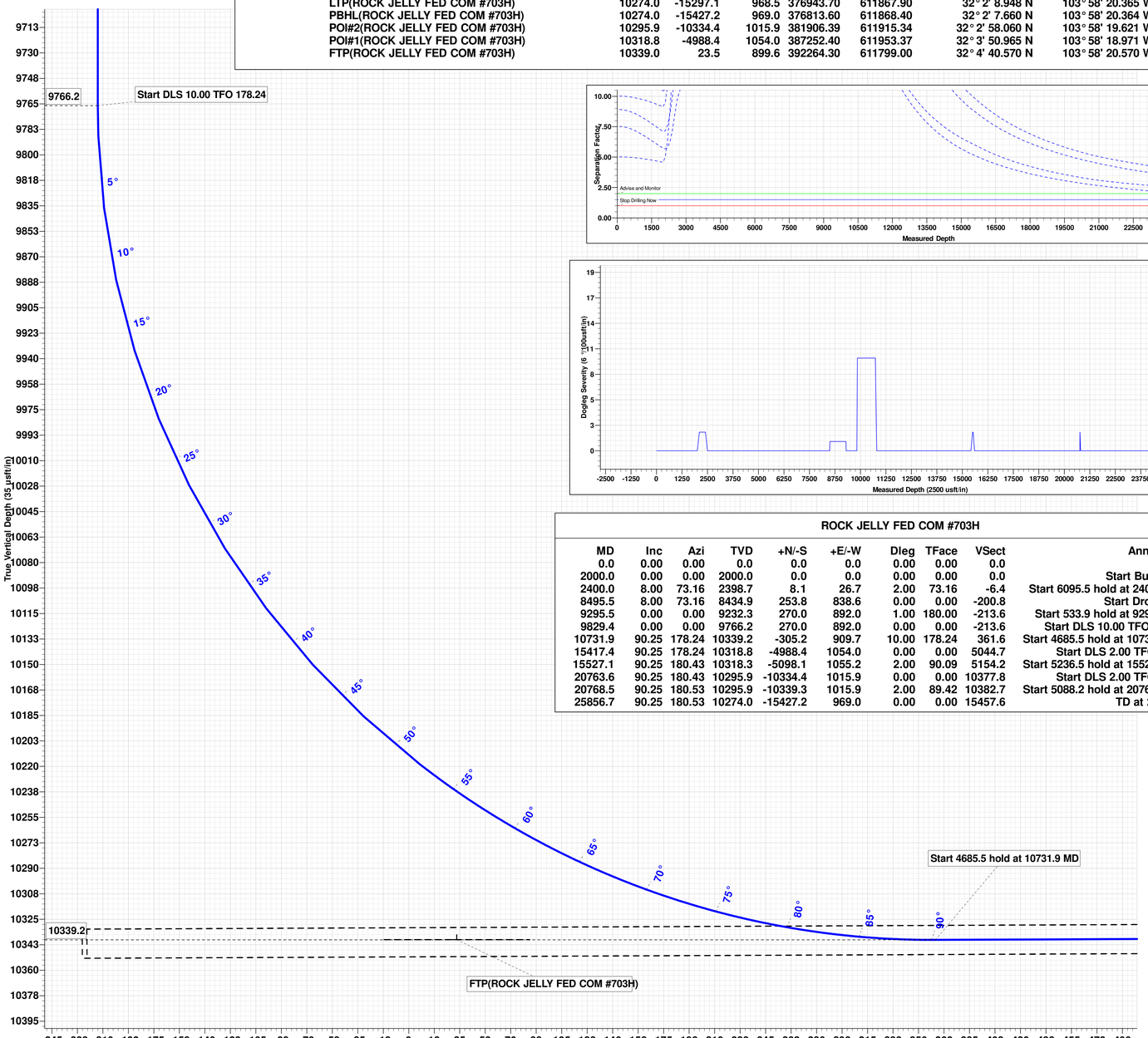
Project: ATLAS PROSPECT (NM-E)
Site: ROCK JELLY FEDERAL PROJECT (ATLAS 2629)
Well: ROCK JELLY FED COM #703H
Wellbore: OWB
Design: PWP1
GL: 2978.6
KB=25' @ 3003.6usft (P84)

WELL DETAILS: ROCK JELLY FED COM #703H

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.0	0.0	392240.80	610899.40	32° 4' 40.367 N	103° 58' 31.027 W

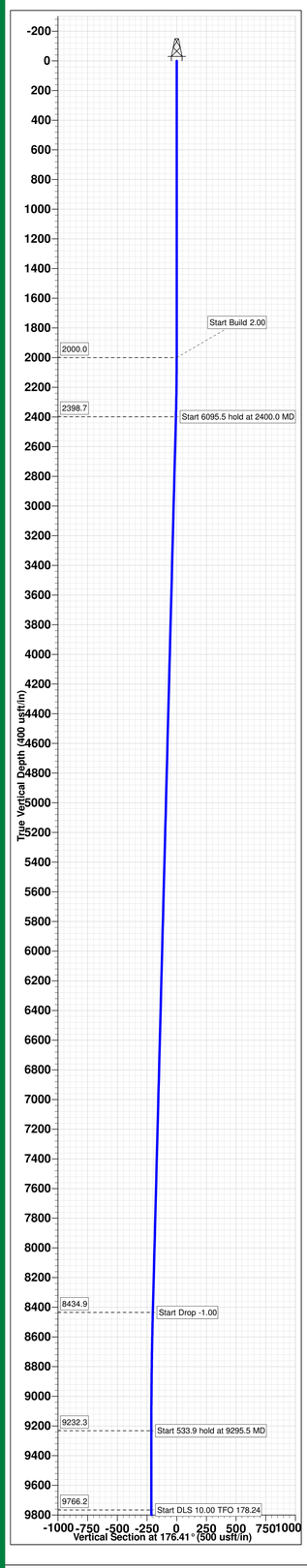
DESIGN TARGET DETAILS

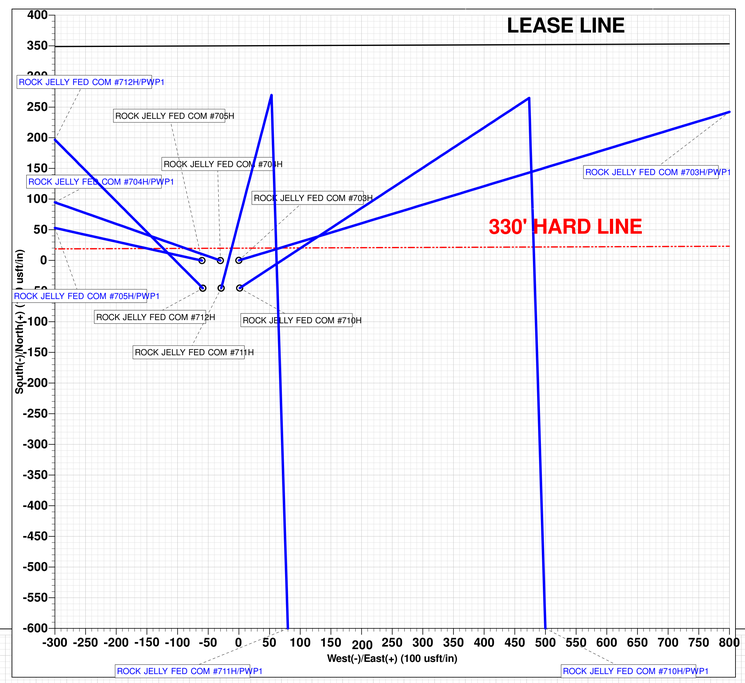
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP(ROCK JELLY FED COM #703H)	10274.0	-15297.1	968.5	376943.70	611867.90	32° 2' 8.948 N	103° 58' 20.365 W
PBHL(ROCK JELLY FED COM #703H)	10274.0	-15427.2	969.0	376813.60	611868.40	32° 2' 7.660 N	103° 58' 20.364 W
POI#2(ROCK JELLY FED COM #703H)	10295.9	-10334.4	1015.9	381906.39	611915.34	32° 2' 58.060 N	103° 58' 19.621 W
POI#1(ROCK JELLY FED COM #703H)	10318.8	-4988.4	1054.0	387252.40	611953.37	32° 3' 50.965 N	103° 58' 18.971 W
FTP(ROCK JELLY FED COM #703H)	10339.0	23.5	899.6	392264.30	611799.00	32° 4' 40.570 N	103° 58' 20.570 W

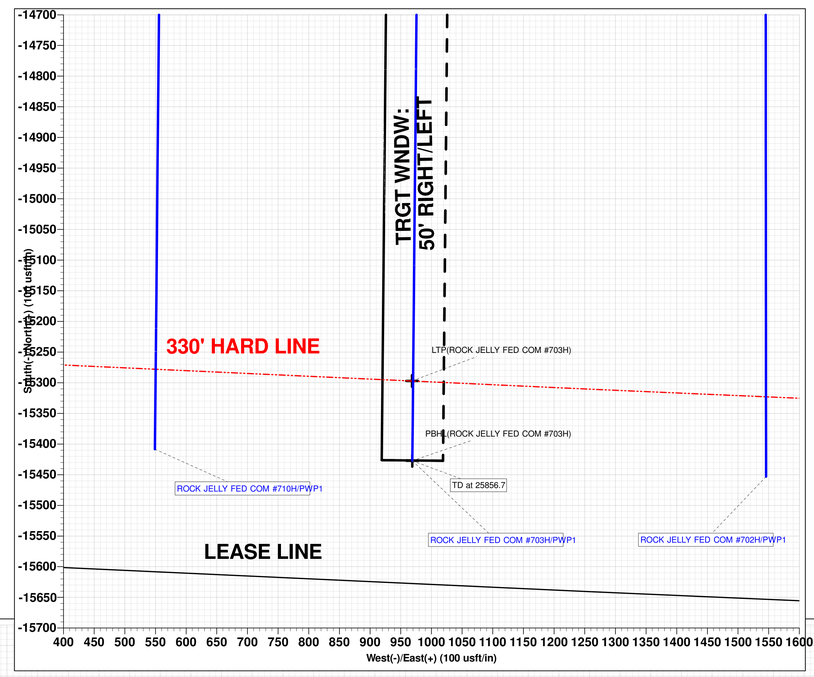


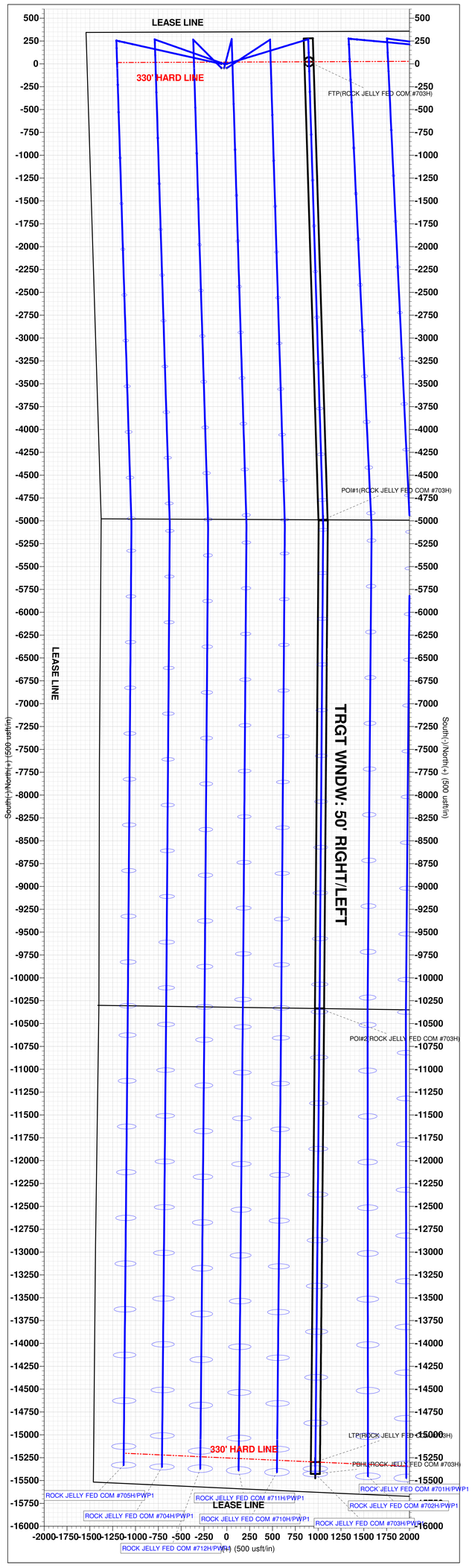
ROCK JELLY FED COM #703H

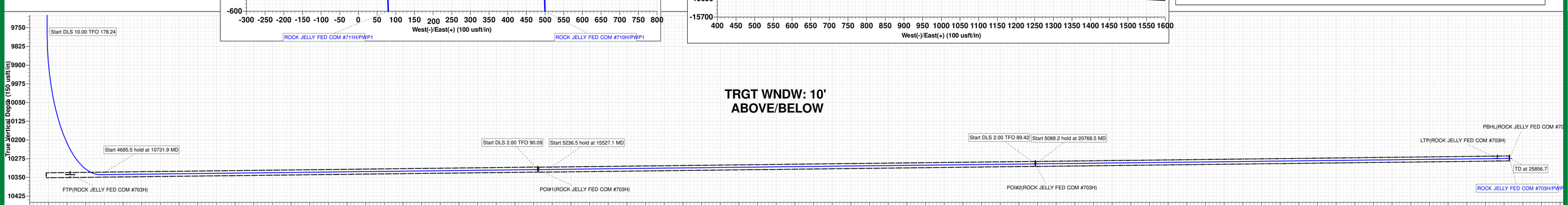
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
2400.0	8.00	73.16	2398.7	8.1	26.7	2.00	73.16	-6.4	Start 6095.5 hold at 2400.0 MD
8495.5	8.00	73.16	8434.9	253.8	838.6	0.00	0.00	-200.8	Start Drop -1.00
9295.5	0.00	0.00	9232.3	270.0	892.0	1.00	180.00	-213.6	Start 533.9 hold at 9295.5 MD
9829.4	0.00	0.00	9766.2	270.0	892.0	0.00	0.00	-213.6	Start DLS 10.00 TFO 178.24
10731.9	90.25	178.24	10339.2	-305.2	909.7	10.00	178.24	361.6	Start 4685.5 hold at 10731.9 MD
15417.4	90.25	178.24	10318.8	-4988.4	1054.0	0.00	0.00	5044.7	Start DLS 2.00 TFO 90.09
15527.1	90.25	180.43	10318.3	-5098.1	1055.2	2.00	90.09	5154.2	Start 5236.5 hold at 15527.1 MD
20763.6	90.25	180.43	10295.9	-10334.4	1015.9	0.00	0.00	10377.8	Start DLS 2.00 TFO 89.42
20768.5	90.25	180.53	10295.9	-10339.3	1015.9	2.00	89.42	10382.7	Start 5088.2 hold at 20768.5 MD
25856.7	90.25	180.53	10274.0	-15427.2	969.0	0.00	0.00	15457.6	TD at 25856.7











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

COMMENTS

Action 130207

COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 130207
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	Defining well	8/2/2022

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Phone:(575) 393-6161 Fax:(575) 393-0720
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CONDITIONS

Action 130207

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Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 130207
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	8/2/2022