

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

5. Lease Serial No. NMNM13997

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG OPERATING LLC

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

3b. Phone No. (include area code)
(432) 683-74434. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 3/T26S/R29E/NMP

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

8. Well Name and No. ROCK JELLY FEDERAL COM/701H

9. API Well No. 3001547583

10. Field and Pool or Exploratory Area
BOBCAT DRAW; UPPER WOLFCAMP/PURPLE SAGE11. 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	
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ 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 recompleat 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 performed 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 recompleat 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 the BHL.

Change the BHL to: 200' FSL & 2010' FEL SWSE 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) 253-9685Regulatory Advisor
Title

Signature



Date

03/15/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Petroleum Engineer
Title07/26/2022
Date

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: NENE / 210 FNL / 1055 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078004 / LONG: -103.975963 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 1 FNL / 330 FEL / TWSP: 26S / RANGE: 29E / SECTION: 10 / LAT: 32.064229 / LONG: -103.964382 (TVD: 10161 feet, MD: 15200 feet)

PPP: NESE / 2639 FSL / 330 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.071597 / LONG: -103.964518 (TVD: 10170 feet, MD: 12600 feet)

PPP: NENE / 330 FNL / 330 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078065 / LONG: -103.964636 (TVD: 10088 feet, MD: 10198 feet)

BHL: SESE / 200 FSL / 330 FEL / TWSP: 26S / RANGE: 29E / SECTION: 10 / LAT: 32.050236 / LONG: -103.963842 (TVD: 10143 feet, MD: 20317 feet)

CONFIDENTIAL

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-47583	Pool Code 98220	Pool Name Purple Sage; Wolfcamp (Gas)
Property Code 329756	Property Name ROCK JELLY FEDERAL COM	Well Number 701H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2978.0'

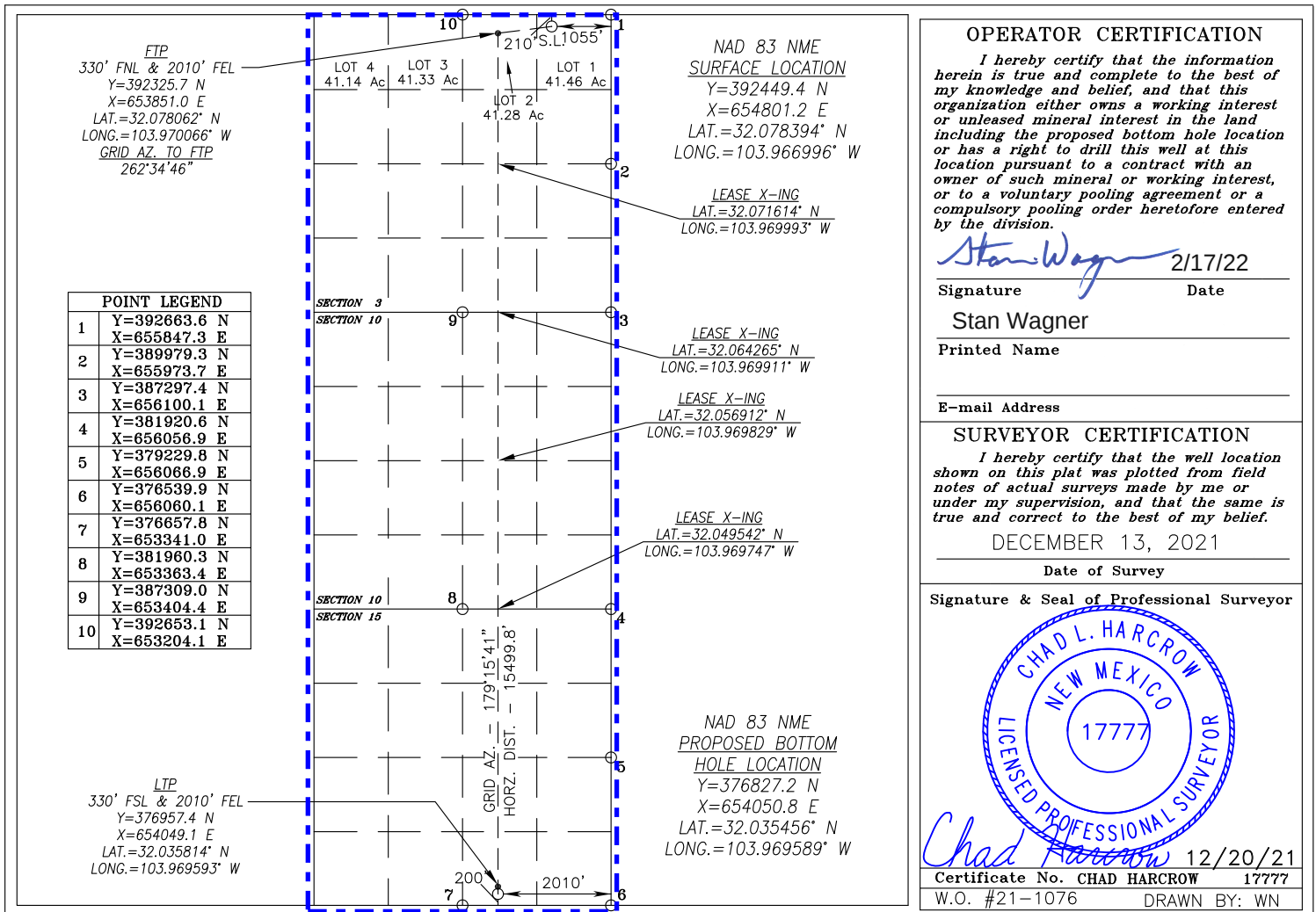
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	26-S	29-E		210	NORTH	1055	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	15	26-S	29-E		200	SOUTH	2010	EAST	EDDY
Dedicated Acres 1920	Joint or Infill	Consolidation Code	Order No.						

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



COG Operating, LLC - Rock Jelly Federal Com 701H

1. Geologic Formations

TVD of target	10,363' EOL	Pilot hole depth	NA
MD at TD:	25,952'	Deepest expected fresh water:	78'

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Quaternary Fill	Surface	Water	
Rustler	543	Water	
Top of Salt	688	Salt	
Base of Salt	2811	Salt	
Lamar	3037	Salt Water	
Bell Canyon	3079	Salt Water	
Cherry Canyon	3936	Oil/Gas	
Brushy Canyon	5226	Oil/Gas	
Bone Spring Lime	6793	Oil/Gas	
1st Bone Spring Sand	7751	Oil/Gas	
2nd Bone Spring Sand	8353	Oil/Gas	
3rd Bone Spring Sand	9648	Oil/Gas	
Wolfcamp A	10013	Target	
Wolfcamp B	0	Not Penetrated	
Wolfcamp D	0	Not Penetrated	

2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Body	SF Joint
	From	To								
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	1.28	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 CY	TXP BTC	2.43	2.87	3.45	3.42
6.75"	9200	25,952	5.5"	23	P110 CY	W441	2.41	2.90	3.48	3.16
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 701H

	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 3 rd 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 2 nd 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 701H

3. Cementing Program

Casing	# Sk	Wt. lb/ gal	Yld ft3/ sack	H ₂ O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	310	13.5	1.75	9	12	Lead: Class C + 4% Gel + 1% CaCl ₂
	250	14.8	1.34	6.34	8	Tail: Class C + 2% CaCl ₂
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
	1580	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%
1 st Intermediate	0'	50%
Production	9,200'	35% OH in Lateral (KOP to EOL)

COG Operating, LLC - Rock Jelly Federal Com 701H

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 701H

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 701H

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	6740 psi at 10363' 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	H ₂ S 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 #701H

OWB

PWP1

Anticollision Report

18 January, 2022

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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	9,871.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
9,871.0	25,952.3	PWP1 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
ROCK JELLY FEDERAL PROJECT (ATLAS 2629)						
ROCK JELLY FED COM #702H - OWB - PWP1	2,502.1	2,496.7	29.8	22.9	4.317	CC, ES
ROCK JELLY FED COM #702H - OWB - PWP1	25,952.3	25,738.0	494.1	228.7	1.862	Advise and Monitor, SF
ROCK JELLY FED COM #703H - OWB - PWP1	9,904.3	9,889.0	862.5	841.6	41.220	CC
ROCK JELLY FED COM #703H - OWB - PWP1	25,900.0	25,839.1	997.0	726.0	3.679	ES, SF
ROCK JELLY FED COM #706H - OWB - PWP1	1,916.6	1,916.9	30.1	23.6	4.606	CC
ROCK JELLY FED COM #706H - OWB - PWP1	2,000.0	2,000.0	30.1	23.5	4.574	ES, SF
ROCK JELLY FED COM #707H - OWB - PWP1	2,000.0	2,000.1	55.3	47.8	7.402	CC, ES, SF
ROCK JELLY FED COM #708H - OWB - PWP1	2,000.0	1,999.7	45.1	37.2	5.719	CC, ES
ROCK JELLY FED COM #708H - OWB - PWP1	25,952.6	25,899.0	839.9	567.8	3.087	SF
ROCK JELLY FED COM #709H - OWB - PWP1	2,352.9	2,351.5	48.3	40.0	5.826	CC, ES
ROCK JELLY FED COM #709H - OWB - PWP1	25,952.6	25,659.5	485.9	219.4	1.823	Advise and Monitor, SF

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
ROCK JELLY FEDERAL PROJECT (ATLAS 2629)						
ROCK JELLY FED COM #702H - OWB - PWP1	25,952.6	25,738.0	494.1	228.8	1.862	Advise and Monitor
ROCK JELLY FED COM #703H - OWB - PWP1	25,952.6	25,856.7	998.1	726.8	3.679	
ROCK JELLY FED COM #706H - OWB - PWP1	25,952.6	25,959.9				Out of Range @TD
ROCK JELLY FED COM #707H - OWB - PWP1	25,952.6	25,668.2				Out of Range @TD
ROCK JELLY FED COM #708H - OWB - PWP1	25,952.6	25,899.0	839.9	567.8	3.087	SF
ROCK JELLY FED COM #709H - OWB - PWP1	25,952.6	25,659.5	485.9	219.4	1.823	Advise and Monitor, SF

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	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:		Offset Well Error:		Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	3.0	3.0	-90.19	-0.1	-30.0	30.0					
100.0	100.0	99.8	99.8	3.0	3.0	-90.19	-0.1	-30.0	30.0	24.0	6.00	5.000		
200.0	200.0	199.8	199.8	3.0	3.0	-90.19	-0.1	-30.0	30.0	24.0	6.00	4.997		
300.0	300.0	299.8	299.8	3.0	3.0	-90.19	-0.1	-30.0	30.0	24.0	6.01	4.992		
400.0	400.0	399.8	399.8	3.0	3.0	-90.19	-0.1	-30.0	30.0	24.0	6.02	4.985		
500.0	500.0	499.8	499.8	3.1	3.1	-90.19	-0.1	-30.0	30.0	24.0	6.03	4.974		
600.0	600.0	599.8	599.8	3.1	3.1	-90.19	-0.1	-30.0	30.0	24.0	6.05	4.961		
700.0	700.0	699.8	699.8	3.1	3.1	-90.19	-0.1	-30.0	30.0	23.9	6.07	4.946		
800.0	800.0	799.8	799.8	3.2	3.2	-90.19	-0.1	-30.0	30.0	23.9	6.09	4.928		
900.0	900.0	899.8	899.8	3.2	3.2	-90.19	-0.1	-30.0	30.0	23.9	6.11	4.908		
1,000.0	1,000.0	999.8	999.8	3.2	3.2	-90.19	-0.1	-30.0	30.0	23.9	6.14	4.885		
1,100.0	1,100.0	1,099.8	1,099.8	3.3	3.3	-90.19	-0.1	-30.0	30.0	23.8	6.17	4.860		
1,200.0	1,200.0	1,199.8	1,199.8	3.4	3.4	-90.19	-0.1	-30.0	30.0	23.8	6.21	4.834		
1,300.0	1,300.0	1,299.8	1,299.8	3.4	3.4	-90.19	-0.1	-30.0	30.0	23.8	6.24	4.805		
1,400.0	1,400.0	1,399.8	1,399.8	3.5	3.5	-90.19	-0.1	-30.0	30.0	23.7	6.28	4.774		
1,500.0	1,500.0	1,499.8	1,499.8	3.5	3.5	-90.19	-0.1	-30.0	30.0	23.7	6.33	4.742		
1,600.0	1,600.0	1,599.8	1,599.8	3.6	3.6	-90.19	-0.1	-30.0	30.0	23.6	6.37	4.708		
1,700.0	1,700.0	1,699.8	1,699.8	3.7	3.7	-90.19	-0.1	-30.0	30.0	23.6	6.42	4.672		
1,800.0	1,800.0	1,799.8	1,799.8	3.8	3.8	-90.19	-0.1	-30.0	30.0	23.5	6.47	4.635		
1,900.0	1,900.0	1,899.8	1,899.8	3.9	3.9	-90.19	-0.1	-30.0	30.0	23.5	6.53	4.597		
2,000.0	2,000.0	1,999.8	1,999.8	3.9	3.9	-90.19	-0.1	-30.0	30.0	23.4	6.58	4.558		
2,100.0	2,100.0	2,098.8	2,098.8	4.0	4.0	-7.78	0.1	-31.7	30.0	23.3	6.64	4.517		
2,200.0	2,199.8	2,197.7	2,197.6	4.0	4.0	-8.17	0.5	-36.8	29.9	23.2	6.70	4.471		
2,300.0	2,299.5	2,296.7	2,296.2	4.1	4.1	-8.81	1.3	-45.3	29.9	23.1	6.76	4.421		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
								+N/-S (usft)	+E/-W (usft)					
2,400.0	2,398.7	2,395.7	2,394.4	4.1	4.1	-9.71		2.4	-57.2	29.8	23.0	6.83	4.370	
2,500.0	2,497.5	2,494.7	2,492.2	4.2	4.2	-10.88		3.8	-72.4	29.8	22.9	6.89	4.318	
2,502.1	2,499.5	2,496.7	2,494.2	4.2	4.2	-10.90		3.9	-72.8	29.8	22.9	6.89	4.317 CC, ES	
2,600.0	2,595.9	2,593.6	2,589.4	4.2	4.2	-11.63		5.5	-91.0	31.4	24.4	6.96	4.509	
2,700.0	2,694.4	2,693.5	2,687.1	4.3	4.3	-11.75		7.5	-111.7	35.0	27.9	7.06	4.951	
2,800.0	2,792.9	2,793.4	2,784.8	4.3	4.3	-11.85		9.4	-132.4	38.5	31.3	7.16	5.375	
2,900.0	2,891.4	2,893.4	2,882.6	4.4	4.4	-11.93		11.3	-153.1	42.1	34.8	7.28	5.781	
3,000.0	2,989.9	2,993.3	2,980.3	4.5	4.4	-12.00		13.2	-173.8	45.6	38.2	7.40	6.169	
3,100.0	3,088.3	3,093.2	3,078.1	4.5	4.5	-12.06		15.1	-194.4	49.2	41.7	7.53	6.538	
3,200.0	3,186.8	3,193.2	3,175.8	4.6	4.6	-12.11		17.0	-215.1	52.8	45.1	7.66	6.889	
3,300.0	3,285.3	3,293.1	3,273.6	4.7	4.7	-12.16		18.9	-235.8	56.3	48.5	7.80	7.222	
3,400.0	3,383.8	3,393.0	3,371.3	4.8	4.8	-12.20		20.8	-256.5	59.9	51.9	7.95	7.538	
3,500.0	3,482.3	3,493.0	3,469.1	4.9	4.9	-12.23		22.8	-277.2	63.5	55.4	8.10	7.837	
3,600.0	3,580.8	3,592.9	3,566.8	4.9	4.9	-12.26		24.7	-297.9	67.0	58.8	8.25	8.119	
3,700.0	3,679.2	3,692.8	3,664.6	5.0	5.0	-12.29		26.6	-318.6	70.6	62.2	8.42	8.386	
3,800.0	3,777.7	3,792.8	3,762.3	5.1	5.1	-12.32		28.5	-339.3	74.2	65.6	8.58	8.638	
3,900.0	3,876.2	3,892.7	3,860.1	5.2	5.2	-12.34		30.4	-360.0	77.7	69.0	8.76	8.876	
4,000.0	3,974.7	3,992.7	3,957.8	5.3	5.3	-12.36		32.3	-380.7	81.3	72.3	8.93	9.100	
4,100.0	4,073.2	4,092.6	4,055.6	5.4	5.4	-12.38		34.2	-401.3	84.8	75.7	9.11	9.311	
4,200.0	4,171.6	4,192.5	4,153.4	5.5	5.5	-12.40		36.1	-422.0	88.4	79.1	9.30	9.510	
4,300.0	4,270.1	4,292.5	4,251.1	5.6	5.7	-12.41		38.1	-442.7	92.0	82.5	9.48	9.698	
4,400.0	4,368.6	4,392.4	4,348.9	5.7	5.8	-12.43		40.0	-463.4	95.5	85.9	9.67	9.875	
4,500.0	4,467.1	4,492.3	4,446.6	5.8	5.9	-12.44		41.9	-484.1	99.1	89.2	9.87	10.041	
4,600.0	4,565.6	4,592.3	4,544.4	5.9	6.0	-12.46		43.8	-504.8	102.7	92.6	10.07	10.198	
4,700.0	4,664.0	4,692.2	4,642.1	6.0	6.1	-12.47		45.7	-525.5	106.2	96.0	10.27	10.347	
4,800.0	4,762.5	4,792.1	4,739.9	6.2	6.3	-12.48		47.6	-546.2	109.8	99.3	10.47	10.486	
4,900.0	4,861.0	4,892.1	4,837.6	6.3	6.4	-12.49		49.5	-566.9	113.4	102.7	10.68	10.618	
5,000.0	4,959.5	4,992.0	4,935.4	6.4	6.5	-12.50		51.4	-587.6	116.9	106.0	10.88	10.742	
5,100.0	5,058.0	5,092.0	5,033.1	6.5	6.6	-12.51		53.4	-608.2	120.5	109.4	11.09	10.859	
5,200.0	5,156.4	5,191.9	5,130.9	6.6	6.8	-12.52		55.3	-628.9	124.0	112.7	11.31	10.970	
5,300.0	5,254.9	5,291.8	5,228.6	6.7	6.9	-12.53		57.2	-649.6	127.6	116.1	11.52	11.074	
5,400.0	5,353.4	5,391.8	5,326.4	6.9	7.1	-12.54		59.1	-670.3	131.2	119.4	11.74	11.173	
5,500.0	5,451.9	5,491.7	5,424.1	7.0	7.2	-12.54		61.0	-691.0	134.7	122.8	11.96	11.266	
5,600.0	5,550.4	5,591.6	5,521.9	7.1	7.3	-12.55		62.9	-711.7	138.3	126.1	12.18	11.355	
5,700.0	5,648.9	5,691.6	5,619.6	7.2	7.5	-12.56		64.8	-732.4	141.9	129.5	12.40	11.438	
5,800.0	5,747.3	5,791.5	5,717.4	7.4	7.6	-12.56		66.8	-753.1	145.4	132.8	12.63	11.517	
5,900.0	5,845.8	5,891.4	5,815.1	7.5	7.8	-12.57		68.7	-773.8	149.0	136.1	12.85	11.592	
6,000.0	5,944.3	5,991.4	5,912.9	7.6	7.9	-12.58		70.6	-794.5	152.6	139.5	13.08	11.663	
6,100.0	6,042.8	6,091.3	6,010.7	7.8	8.1	-12.58		72.5	-815.1	156.1	142.8	13.31	11.730	
6,200.0	6,141.3	6,191.3	6,108.4	7.9	8.3	-12.59		74.4	-835.8	159.7	146.1	13.54	11.793	
6,300.0	6,239.7	6,291.2	6,206.2	8.0	8.4	-12.59		76.3	-856.5	163.2	149.5	13.77	11.854	
6,400.0	6,338.2	6,391.1	6,303.9	8.2	8.6	-12.60		78.2	-877.2	166.8	152.8	14.01	11.911	
6,500.0	6,436.7	6,491.1	6,401.7	8.3	8.8	-12.60		80.1	-897.9	170.4	156.1	14.24	11.965	
6,600.0	6,535.2	6,591.0	6,499.4	8.4	8.9	-12.61		82.1	-918.6	173.9	159.5	14.47	12.017	
6,700.0	6,633.7	6,690.9	6,597.2	8.6	9.1	-12.61		84.0	-939.3	177.5	162.8	14.71	12.066	
6,800.0	6,732.1	6,790.9	6,694.9	8.7	9.3	-12.61		85.9	-960.0	181.1	166.1	14.95	12.112	
6,900.0	6,830.6	6,890.8	6,792.7	8.9	9.5	-12.62		87.8	-980.7	184.6	169.4	15.19	12.157	
7,000.0	6,929.1	6,990.8	6,890.4	9.0	9.6	-12.62		89.7	-1,001.3	188.2	172.8	15.43	12.199	
7,100.0	7,027.6	7,090.7	6,988.2	9.2	9.8	-12.63		91.6	-1,022.0	191.8	176.1	15.67	12.239	
7,200.0	7,126.1	7,190.6	7,085.9	9.3	10.0	-12.63		93.5	-1,042.7	195.3	179.4	15.91	12.277	
7,300.0	7,224.5	7,290.6	7,183.7	9.5	10.2	-12.63		95.4	-1,063.4	198.9	182.7	16.15	12.313	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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		
Measured Reference	Vertical	Measured Offset	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor		
7,335.3	7,259.3	7,325.9	7,218.2	9.5	10.3	-12.63	96.1	-1,070.7	200.1	183.9	16.24	12.326		
7,400.0	7,323.1	7,390.5	7,281.4	9.6	10.4	-12.62	97.4	-1,084.1	202.8	186.4	16.40	12.369		
7,500.0	7,421.9	7,490.3	7,379.1	9.8	10.6	-12.51	99.3	-1,104.8	208.3	191.7	16.64	12.517		
7,600.0	7,521.0	7,590.1	7,476.6	9.9	10.8	-12.32	101.2	-1,125.4	215.5	198.6	16.89	12.760		
7,700.0	7,620.2	7,689.7	7,574.1	10.1	11.0	-12.05	103.1	-1,146.0	224.5	207.3	17.14	13.093		
7,800.0	7,719.7	7,789.1	7,671.3	10.2	11.2	-11.71	105.0	-1,166.6	235.1	217.7	17.40	13.514		
7,900.0	7,819.4	7,888.3	7,768.4	10.3	11.4	-11.33	106.9	-1,187.2	247.4	229.8	17.65	14.018		
8,000.0	7,919.1	7,987.3	7,865.2	10.4	11.6	-10.92	108.8	-1,207.7	261.5	243.6	17.91	14.603		
8,100.0	8,019.0	8,086.0	7,961.8	10.5	11.8	-10.49	110.7	-1,228.1	277.2	259.1	18.16	15.265		
8,200.0	8,118.9	8,184.4	8,058.0	10.5	12.0	-10.05	112.6	-1,248.5	294.7	276.3	18.42	16.001		
8,300.0	8,218.9	8,285.7	8,157.2	10.6	12.2	-9.60	114.5	-1,269.2	313.6	294.9	18.67	16.799		
8,335.3	8,254.3	8,322.4	8,193.2	10.6	12.3	-91.98	115.1	-1,276.3	320.3	301.6	18.74	17.091		
8,400.0	8,318.9	8,389.8	8,259.3	10.7	12.5	-91.70	116.3	-1,288.7	332.2	313.4	18.85	17.621		
8,500.0	8,418.9	8,494.5	8,362.5	10.8	12.7	-91.34	117.9	-1,306.6	349.2	330.2	19.03	18.349		
8,600.0	8,518.9	8,599.8	8,466.6	10.9	12.8	-91.05	119.4	-1,322.6	364.4	345.2	19.21	18.966		
8,700.0	8,618.9	8,705.7	8,571.6	11.0	13.0	-90.81	120.7	-1,336.8	377.8	358.4	19.40	19.473		
8,800.0	8,718.9	8,812.2	8,677.2	11.1	13.2	-90.61	121.9	-1,349.2	389.4	369.8	19.60	19.870		
8,900.0	8,818.9	8,919.0	8,783.6	11.2	13.3	-90.46	122.8	-1,359.6	399.1	379.3	19.80	20.159		
9,000.0	8,918.9	9,026.2	8,890.4	11.3	13.4	-90.34	123.6	-1,368.0	407.0	387.0	20.01	20.342		
9,100.0	9,018.9	9,133.7	8,997.7	11.3	13.5	-90.25	124.2	-1,374.5	413.1	392.8	20.23	20.421		
9,200.0	9,118.9	9,241.3	9,105.3	11.4	13.6	-90.19	124.6	-1,379.0	417.2	396.8	20.45	20.397		
9,300.0	9,218.9	9,349.1	9,213.0	11.5	13.6	-90.16	124.9	-1,381.5	419.5	398.8	20.69	20.273		
9,400.0	9,318.9	9,454.8	9,318.7	11.6	13.7	-90.15	124.9	-1,382.0	420.0	399.1	20.89	20.110		
9,500.0	9,418.9	9,554.8	9,418.7	11.7	13.7	-90.15	124.9	-1,382.0	420.0	399.0	20.97	20.028		
9,600.0	9,518.9	9,654.8	9,518.7	11.8	13.8	-90.15	124.9	-1,382.0	420.0	398.9	21.06	19.946		
9,700.0	9,618.9	9,756.9	9,620.6	11.9	13.9	-90.93	119.2	-1,381.7	419.8	398.7	21.12	19.881		
9,766.2	9,685.1	9,822.6	9,684.9	12.0	14.7	-92.69	106.3	-1,381.1	419.6	398.5	21.04	19.943		
9,800.0	9,718.9	9,854.8	9,715.8	12.0	14.7	-93.92	97.3	-1,380.7	419.7	398.7	20.97	20.010		
9,871.1	9,790.0	9,918.7	9,775.4	12.1	14.7	-97.05	74.4	-1,379.6	421.1	400.1	20.94	20.110		
9,900.0	9,818.9	9,943.3	9,797.7	12.1	14.7	84.17	63.8	-1,379.1	422.2	401.3	20.94	20.161		
9,950.0	9,868.7	9,985.1	9,834.2	12.1	14.8	81.68	43.7	-1,378.2	424.9	403.8	21.02	20.214		
10,000.0	9,917.9	10,025.8	9,868.4	12.1	14.8	79.26	21.6	-1,377.1	428.3	407.1	21.19	20.214		
10,050.0	9,966.0	10,065.7	9,900.3	12.1	14.8	76.95	-2.4	-1,376.0	432.4	410.9	21.45	20.154		
10,100.0	10,012.9	10,104.8	9,929.8	12.1	14.9	74.74	-28.0	-1,374.8	436.9	415.1	21.81	20.031		
10,150.0	10,058.0	10,143.2	9,957.1	12.2	14.9	72.66	-55.0	-1,373.5	441.8	419.6	22.26	19.849		
10,200.0	10,101.2	10,181.1	9,982.1	12.2	15.0	70.71	-83.4	-1,372.2	447.0	424.2	22.79	19.617		
10,250.0	10,141.9	10,218.4	10,004.9	12.2	15.0	68.91	-112.9	-1,370.8	452.2	428.9	23.38	19.346		
10,300.0	10,180.0	10,250.0	10,022.6	12.3	15.1	67.41	-139.0	-1,369.6	457.5	433.3	24.13	18.958		
10,350.0	10,215.1	10,291.7	10,043.8	12.3	15.1	65.75	-174.8	-1,367.9	462.5	437.8	24.69	18.734		
10,400.0	10,246.9	10,327.8	10,060.0	12.4	15.2	64.40	-207.1	-1,366.4	467.4	442.0	25.38	18.414		
10,450.0	10,275.3	10,363.6	10,074.0	12.5	15.2	63.20	-240.0	-1,364.8	471.9	445.8	26.08	18.095		
10,500.0	10,300.0	10,400.0	10,086.1	12.5	15.3	62.15	-274.3	-1,363.2	475.9	449.2	26.75	17.794		
10,550.0	10,320.8	10,434.5	10,095.5	12.6	15.3	61.28	-307.4	-1,361.7	479.6	452.1	27.43	17.482		
10,600.0	10,337.6	10,469.6	10,103.1	12.7	15.3	60.55	-341.7	-1,360.1	482.6	454.6	28.07	17.195		
10,650.0	10,350.2	10,500.0	10,107.9	12.7	15.4	60.02	-371.6	-1,358.7	485.1	456.4	28.73	16.889		
10,700.0	10,358.6	10,539.6	10,111.8	12.8	15.4	59.56	-411.0	-1,356.8	487.0	457.8	29.21	16.673		
10,750.0	10,362.6	10,578.7	10,113.0	12.8	15.4	59.27	-450.1	-1,355.0	488.2	458.5	29.65	16.463		
10,773.3	10,363.0	10,595.8	10,112.9	12.9	15.4	59.23	-467.1	-1,354.2	488.4	458.5	29.85	16.361		
10,800.0	10,362.8	10,622.5	10,112.7	12.9	15.4	59.23	-493.8	-1,352.9	488.4	458.4	30.00	16.278		
10,900.0	10,362.5	10,722.5	10,112.3	13.1	15.5	59.22	-593.7	-1,348.2	488.5	457.8	30.62	15.952		
11,000.0	10,362.1	10,822.5	10,111.8	13.3	15.6	59.21	-693.6	-1,343.5	488.5	457.2	31.31	15.599		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning	
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
11,100.0	10,361.7	10,922.5	10,111.4	13.6	15.7	59.21	-793.5	-1,338.8	488.5	456.4	32.08	15.227		
11,200.0	10,361.3	11,022.5	10,110.9	14.0	15.8	59.20	-893.3	-1,334.1	488.6	455.7	32.92	14.841		
11,300.0	10,360.9	11,122.5	10,110.4	14.5	15.9	59.19	-993.2	-1,329.4	488.6	454.8	33.82	14.448		
11,400.0	10,360.5	11,222.5	10,110.0	15.0	16.2	59.19	-1,093.1	-1,324.7	488.7	453.9	34.78	14.051		
11,500.0	10,360.1	11,322.5	10,109.5	15.6	16.5	59.18	-1,193.0	-1,320.0	488.7	452.9	35.79	13.654		
11,600.0	10,359.7	11,422.5	10,109.1	16.2	17.0	59.18	-1,292.9	-1,315.3	488.7	451.9	36.85	13.262		
11,700.0	10,359.3	11,522.5	10,108.6	16.9	17.5	59.17	-1,392.8	-1,310.6	488.8	450.8	37.96	12.877		
11,800.0	10,358.9	11,622.5	10,108.1	17.5	18.2	59.16	-1,492.7	-1,305.9	488.8	449.7	39.11	12.500		
11,900.0	10,358.5	11,722.5	10,107.7	18.2	18.8	59.16	-1,592.6	-1,301.2	488.9	448.6	40.29	12.133		
12,000.0	10,358.1	11,822.5	10,107.2	18.9	19.5	59.15	-1,692.4	-1,296.6	488.9	447.4	41.51	11.778		
12,100.0	10,357.7	11,922.5	10,106.8	19.6	20.2	59.14	-1,792.3	-1,291.9	488.9	446.2	42.76	11.434		
12,200.0	10,357.3	12,022.5	10,106.3	20.4	20.9	59.14	-1,892.2	-1,287.2	489.0	444.9	44.04	11.102		
12,300.0	10,356.9	12,122.5	10,105.8	21.1	21.6	59.13	-1,992.1	-1,282.5	489.0	443.7	45.35	10.783		
12,400.0	10,356.5	12,222.5	10,105.4	21.9	22.4	59.13	-2,092.0	-1,277.8	489.1	442.4	46.68	10.477		
12,500.0	10,356.1	12,322.5	10,104.9	22.6	23.1	59.12	-2,191.9	-1,273.1	489.1	441.1	48.03	10.182		
12,600.0	10,355.7	12,422.5	10,104.5	23.4	23.9	59.11	-2,291.8	-1,268.4	489.1	439.7	49.41	9.900		
12,700.0	10,355.3	12,522.5	10,104.0	24.2	24.7	59.11	-2,391.7	-1,263.7	489.2	438.4	50.80	9.630		
12,800.0	10,355.0	12,622.5	10,103.5	25.0	25.4	59.10	-2,491.6	-1,259.0	489.2	437.0	52.21	9.370		
12,900.0	10,354.6	12,722.5	10,103.1	25.8	26.2	59.10	-2,591.4	-1,254.3	489.3	435.6	53.63	9.122		
13,000.0	10,354.2	12,822.5	10,102.6	26.6	27.0	59.09	-2,691.3	-1,249.6	489.3	434.2	55.07	8.884		
13,100.0	10,353.8	12,922.5	10,102.1	27.3	27.8	59.08	-2,791.2	-1,244.9	489.3	432.8	56.53	8.657		
13,200.0	10,353.4	13,022.5	10,101.7	28.2	28.6	59.08	-2,891.1	-1,240.2	489.4	431.4	57.99	8.439		
13,300.0	10,353.0	13,122.5	10,101.2	29.0	29.4	59.07	-2,991.0	-1,235.5	489.4	430.0	59.47	8.230		
13,400.0	10,352.6	13,222.5	10,100.8	29.8	30.2	59.06	-3,090.9	-1,230.8	489.5	428.5	60.96	8.029		
13,500.0	10,352.2	13,322.5	10,100.3	30.6	31.0	59.06	-3,190.8	-1,226.1	489.5	427.1	62.46	7.837		
13,600.0	10,351.8	13,422.5	10,099.8	31.4	31.8	59.05	-3,290.7	-1,221.4	489.5	425.6	63.96	7.653		
13,700.0	10,351.4	13,522.5	10,099.4	32.2	32.6	59.05	-3,390.6	-1,216.7	489.6	424.1	65.48	7.477		
13,800.0	10,351.0	13,622.5	10,098.9	33.0	33.4	59.04	-3,490.4	-1,212.0	489.6	422.6	67.00	7.307		
13,900.0	10,350.6	13,722.5	10,098.5	33.8	34.2	59.03	-3,590.3	-1,207.3	489.7	421.1	68.54	7.145		
14,000.0	10,350.2	13,822.5	10,098.0	34.7	35.0	59.03	-3,690.2	-1,202.6	489.7	419.6	70.07	6.988		
14,100.0	10,349.8	13,922.5	10,097.5	35.5	35.8	59.02	-3,790.1	-1,197.9	489.8	418.1	71.62	6.838		
14,200.0	10,349.4	14,022.5	10,097.1	36.3	36.7	59.01	-3,890.0	-1,193.2	489.8	416.6	73.17	6.694		
14,300.0	10,349.0	14,122.5	10,096.6	37.2	37.5	59.01	-3,989.9	-1,188.5	489.8	415.1	74.73	6.555		
14,400.0	10,348.6	14,222.5	10,096.2	38.0	38.3	59.00	-4,089.8	-1,183.8	489.9	413.6	76.29	6.421		
14,500.0	10,348.2	14,322.5	10,095.7	38.8	39.1	59.00	-4,189.7	-1,179.1	489.9	412.1	77.86	6.293		
14,600.0	10,347.8	14,422.5	10,095.2	39.6	40.0	58.99	-4,289.6	-1,174.4	490.0	410.5	79.43	6.169		
14,700.0	10,347.5	14,522.5	10,094.8	40.5	40.8	58.98	-4,389.4	-1,169.7	490.0	409.0	81.00	6.049		
14,800.0	10,347.1	14,622.5	10,094.3	41.3	41.6	58.98	-4,489.3	-1,165.0	490.0	407.5	82.59	5.934		
14,900.0	10,346.7	14,722.5	10,093.8	42.2	42.5	58.97	-4,589.2	-1,160.4	490.1	405.9	84.17	5.823		
15,000.0	10,346.3	14,822.5	10,093.4	43.0	43.3	58.97	-4,689.1	-1,155.7	490.1	404.4	85.76	5.715		
15,100.0	10,345.9	14,922.5	10,092.9	43.8	44.1	58.96	-4,789.0	-1,151.0	490.2	402.8	87.35	5.611		
15,200.0	10,345.5	15,022.5	10,092.5	44.7	45.0	58.95	-4,888.9	-1,146.3	490.2	401.3	88.95	5.511		
15,300.0	10,345.1	15,122.5	10,092.0	45.5	45.8	58.95	-4,988.8	-1,141.6	490.2	399.7	90.54	5.414		
15,400.0	10,344.7	15,222.5	10,091.5	46.4	46.6	58.94	-5,088.7	-1,136.9	490.3	398.1	92.15	5.321		
15,400.4	10,344.7	15,223.0	10,091.5	46.4	46.6	58.94	-5,089.1	-1,136.8	490.3	398.1	92.15	5.320		
15,473.3	10,344.4	15,293.2	10,091.2	47.0	47.2	58.94	-5,159.3	-1,133.6	490.4	397.1	93.32	5.255		
15,500.0	10,344.3	15,316.5	10,091.1	47.2	47.4	58.95	-5,182.5	-1,132.8	490.5	396.8	93.74	5.233		
15,600.0	10,343.9	15,403.7	10,090.7	48.0	48.2	58.97	-5,269.7	-1,131.2	490.8	395.5	95.29	5.150		
15,632.3	10,343.8	15,433.7	10,090.6	48.3	48.4	58.97	-5,299.8	-1,131.3	490.8	395.0	95.79	5.124		
15,634.4	10,343.8	15,433.7	10,090.6	48.3	48.4	58.97	-5,299.8	-1,131.3	490.8	395.0	95.81	5.123		
15,700.0	10,343.5	15,499.3	10,090.3	48.9	49.0	58.97	-5,365.3	-1,131.9	490.8	394.0	96.85	5.068		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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													Offset Well Error:	3.0 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Reference Offset (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)						
15,800.0	10,343.1	15,599.3	10,089.8	49.7	49.8	58.96	-5,465.3	-1,132.7	490.8	392.4	98.45	4.986		
15,900.0	10,342.7	15,699.3	10,089.3	50.5	50.6	58.95	-5,565.3	-1,133.5	490.8	390.8	100.05	4.906		
16,000.0	10,342.3	15,799.3	10,088.9	51.4	51.5	58.95	-5,665.3	-1,134.4	490.9	389.2	101.65	4.829		
16,100.0	10,341.9	15,899.3	10,088.4	52.2	52.3	58.94	-5,765.3	-1,135.2	490.9	387.6	103.26	4.754		
16,200.0	10,341.5	15,999.3	10,088.0	53.1	53.1	58.93	-5,865.3	-1,136.0	490.9	386.0	104.86	4.681		
16,300.0	10,341.1	16,099.3	10,087.5	53.9	54.0	58.92	-5,965.3	-1,136.8	490.9	384.5	106.47	4.611		
16,400.0	10,340.7	16,199.3	10,087.0	54.7	54.8	58.92	-6,065.3	-1,137.7	490.9	382.9	108.08	4.542		
16,500.0	10,340.3	16,299.3	10,086.6	55.6	55.6	58.91	-6,165.3	-1,138.5	491.0	381.3	109.70	4.476		
16,600.0	10,339.9	16,399.3	10,086.1	56.4	56.5	58.90	-6,265.3	-1,139.3	491.0	379.7	111.31	4.411		
16,700.0	10,339.5	16,499.3	10,085.7	57.3	57.3	58.90	-6,365.3	-1,140.2	491.0	378.1	112.93	4.348		
16,800.0	10,339.1	16,599.3	10,085.2	58.1	58.2	58.89	-6,465.3	-1,141.0	491.0	376.5	114.55	4.287		
16,900.0	10,338.7	16,699.3	10,084.7	59.0	59.0	58.88	-6,565.3	-1,141.8	491.0	374.9	116.17	4.227		
17,000.0	10,338.3	16,799.3	10,084.3	59.8	59.8	58.87	-6,665.2	-1,142.6	491.1	373.3	117.79	4.169		
17,100.0	10,337.9	16,899.3	10,083.8	60.6	60.7	58.87	-6,765.2	-1,143.5	491.1	371.7	119.41	4.113		
17,200.0	10,337.5	16,999.3	10,083.3	61.5	61.5	58.86	-6,865.2	-1,144.3	491.1	370.1	121.04	4.058		
17,300.0	10,337.1	17,099.3	10,082.9	62.3	62.4	58.85	-6,965.2	-1,145.1	491.1	368.5	122.66	4.004		
17,400.0	10,336.7	17,199.3	10,082.4	63.2	63.2	58.85	-7,065.2	-1,146.0	491.1	366.9	124.29	3.952		
17,500.0	10,336.3	17,299.3	10,082.0	64.0	64.1	58.84	-7,165.2	-1,146.8	491.2	365.3	125.92	3.901		
17,600.0	10,335.9	17,399.3	10,081.5	64.9	64.9	58.83	-7,265.2	-1,147.6	491.2	363.6	127.54	3.851		
17,700.0	10,335.5	17,499.3	10,081.0	65.7	65.7	58.83	-7,365.2	-1,148.5	491.2	362.0	129.18	3.803		
17,800.0	10,335.1	17,599.3	10,080.6	66.6	66.6	58.82	-7,465.2	-1,149.3	491.2	360.4	130.81	3.755		
17,900.0	10,334.7	17,699.3	10,080.1	67.4	67.4	58.81	-7,565.2	-1,150.1	491.2	358.8	132.44	3.709		
18,000.0	10,334.3	17,799.3	10,079.7	68.3	68.3	58.80	-7,665.2	-1,150.9	491.3	357.2	134.07	3.664		
18,100.0	10,333.9	17,899.3	10,079.2	69.1	69.1	58.80	-7,765.2	-1,151.8	491.3	355.6	135.71	3.620		
18,200.0	10,333.5	17,999.3	10,078.7	70.0	70.0	58.79	-7,865.2	-1,152.6	491.3	354.0	137.34	3.577		
18,300.0	10,333.1	18,099.3	10,078.3	70.8	70.8	58.78	-7,965.2	-1,153.4	491.3	352.4	138.98	3.535		
18,400.0	10,332.7	18,199.3	10,077.8	71.6	71.7	58.78	-8,065.2	-1,154.3	491.4	350.7	140.62	3.494		
18,500.0	10,332.3	18,299.3	10,077.3	72.5	72.5	58.77	-8,165.2	-1,155.1	491.4	349.1	142.26	3.454		
18,600.0	10,331.9	18,399.3	10,076.9	73.3	73.4	58.76	-8,265.2	-1,155.9	491.4	347.5	143.89	3.415		
18,700.0	10,331.5	18,499.3	10,076.4	74.2	74.2	58.76	-8,365.2	-1,156.7	491.4	345.9	145.53	3.377		
18,800.0	10,331.1	18,599.3	10,076.0	75.0	75.1	58.75	-8,465.2	-1,157.6	491.4	344.3	147.17	3.339		
18,900.0	10,330.7	18,699.3	10,075.5	75.9	75.9	58.74	-8,565.2	-1,158.4	491.5	342.6	148.82	3.302		
19,000.0	10,330.3	18,799.3	10,075.0	76.7	76.7	58.73	-8,665.2	-1,159.2	491.5	341.0	150.46	3.267		
19,100.0	10,329.9	18,899.3	10,074.6	77.6	77.6	58.73	-8,765.2	-1,160.1	491.5	339.4	152.10	3.231		
19,200.0	10,329.5	18,999.3	10,074.1	78.4	78.4	58.72	-8,865.1	-1,160.9	491.5	337.8	153.74	3.197		
19,300.0	10,329.1	19,099.3	10,073.7	79.3	79.3	58.71	-8,965.1	-1,161.7	491.5	336.1	155.39	3.163		
19,400.0	10,328.7	19,199.3	10,073.2	80.1	80.1	58.71	-9,065.1	-1,162.6	491.6	334.5	157.03	3.130		
19,500.0	10,328.3	19,299.3	10,072.7	81.0	81.0	58.70	-9,165.1	-1,163.4	491.6	332.9	158.68	3.098		
19,600.0	10,327.9	19,399.3	10,072.3	81.8	81.8	58.69	-9,265.1	-1,164.2	491.6	331.3	160.32	3.066		
19,700.0	10,327.5	19,499.3	10,071.8	82.7	82.7	58.69	-9,365.1	-1,165.0	491.6	329.6	161.97	3.035		
19,800.0	10,327.1	19,599.3	10,071.3	83.5	83.5	58.68	-9,465.1	-1,165.9	491.6	328.0	163.62	3.005		
19,900.0	10,326.7	19,699.3	10,070.9	84.4	84.4	58.67	-9,565.1	-1,166.7	491.7	326.4	165.26	2.975		
20,000.0	10,326.3	19,799.3	10,070.4	85.2	85.2	58.66	-9,665.1	-1,167.5	491.7	324.8	166.91	2.946		
20,100.0	10,325.9	19,899.3	10,070.0	86.1	86.1	58.66	-9,765.1	-1,168.4	491.7	323.1	168.56	2.917		
20,200.0	10,325.5	19,999.3	10,069.5	86.9	86.9	58.65	-9,865.1	-1,169.2	491.7	321.5	170.21	2.889		
20,300.0	10,325.1	20,099.3	10,069.0	87.8	87.8	58.64	-9,965.1	-1,170.0	491.7	319.9	171.86	2.861		
20,400.0	10,324.7	20,199.3	10,068.6	88.6	88.6	58.64	-10,065.1	-1,170.8	491.8	318.2	173.51	2.834		
20,500.0	10,324.3	20,299.3	10,068.1	89.5	89.5	58.63	-10,165.1	-1,171.7	491.8	316.6	175.16	2.808		
20,600.0	10,323.9	20,399.3	10,067.7	90.4	90.3	58.62	-10,265.1	-1,172.5	491.8	315.0	176.81	2.782		
20,700.0	10,323.5	20,499.3	10,067.2	91.2	91.2	58.62	-10,365.1	-1,173.3	491.8	313.4	178.46	2.756		
20,800.0	10,323.1	20,599.3	10,066.7	92.1	92.0	58.61	-10,465.1	-1,174.2	491.8	311.7	180.11	2.731		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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	Offset	Semi Major Axis	Offset Wellbore Centre		Distance								Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,829.3	10,323.0	20,628.8	10,066.6	92.3	92.3	58.61	-10,494.6	-1,174.4	491.8	311.2	180.60	2.723		
20,854.3	10,322.9	20,657.4	10,066.5	92.5	92.5	58.60	-10,523.2	-1,174.5	491.8	310.8	181.04	2.717		
20,855.6	10,322.9	20,658.7	10,066.5	92.5	92.5	58.60	-10,524.5	-1,174.5	491.8	310.8	181.06	2.716		
20,900.0	10,322.7	20,703.1	10,066.2	92.9	92.9	58.60	-10,568.9	-1,174.5	491.8	310.0	181.79	2.705		
21,000.0	10,322.3	20,803.1	10,065.8	93.8	93.8	58.59	-10,668.9	-1,174.4	491.9	308.4	183.45	2.681		
21,100.0	10,321.9	20,903.1	10,065.3	94.6	94.6	58.58	-10,768.9	-1,174.3	491.9	306.8	185.10	2.658		
21,200.0	10,321.6	21,003.1	10,064.9	95.5	95.5	58.58	-10,868.9	-1,174.2	492.0	305.2	186.76	2.634		
21,300.0	10,321.2	21,103.1	10,064.4	96.3	96.3	58.57	-10,968.9	-1,174.2	492.0	303.6	188.41	2.611		
21,400.0	10,320.8	21,203.1	10,063.9	97.2	97.2	58.56	-11,068.9	-1,174.1	492.0	302.0	190.07	2.589		
21,500.0	10,320.4	21,303.1	10,063.5	98.0	98.0	58.56	-11,168.9	-1,174.0	492.1	300.4	191.72	2.567		
21,600.0	10,320.0	21,403.1	10,063.0	98.9	98.9	58.55	-11,268.9	-1,173.9	492.1	298.7	193.38	2.545		
21,700.0	10,319.6	21,503.1	10,062.6	99.7	99.7	58.54	-11,368.9	-1,173.9	492.2	297.1	195.04	2.523		
21,800.0	10,319.2	21,603.1	10,062.1	100.6	100.6	58.53	-11,468.9	-1,173.8	492.2	295.5	196.69	2.502		
21,900.0	10,318.8	21,703.1	10,061.6	101.4	101.5	58.53	-11,568.9	-1,173.7	492.2	293.9	198.35	2.482		
22,000.0	10,318.4	21,803.1	10,061.2	102.3	102.3	58.52	-11,668.9	-1,173.6	492.3	292.3	200.01	2.461		
22,100.0	10,318.0	21,903.1	10,060.7	103.2	103.2	58.51	-11,768.9	-1,173.6	492.3	290.6	201.66	2.441		
22,200.0	10,317.6	22,003.1	10,060.2	104.0	104.0	58.51	-11,868.9	-1,173.5	492.3	289.0	203.32	2.422		
22,300.0	10,317.3	22,103.1	10,059.8	104.9	104.9	58.50	-11,968.9	-1,173.4	492.4	287.4	204.98	2.402		
22,400.0	10,316.9	22,203.1	10,059.3	105.7	105.7	58.49	-12,068.9	-1,173.3	492.4	285.8	206.64	2.383		
22,500.0	10,316.5	22,303.1	10,058.9	106.6	106.6	58.49	-12,168.9	-1,173.3	492.5	284.2	208.29	2.364		
22,600.0	10,316.1	22,403.1	10,058.4	107.4	107.4	58.48	-12,268.8	-1,173.2	492.5	282.5	209.95	2.346		
22,700.0	10,315.7	22,503.1	10,057.9	108.3	108.3	58.47	-12,368.8	-1,173.1	492.5	280.9	211.61	2.328		
22,800.0	10,315.3	22,603.1	10,057.5	109.1	109.1	58.46	-12,468.8	-1,173.0	492.6	279.3	213.27	2.310		
22,900.0	10,314.9	22,703.1	10,057.0	110.0	110.0	58.46	-12,568.8	-1,173.0	492.6	277.7	214.93	2.292		
23,000.0	10,314.5	22,803.1	10,056.6	110.8	110.8	58.45	-12,668.8	-1,172.9	492.7	276.1	216.59	2.275		
23,100.0	10,314.1	22,903.1	10,056.1	111.7	111.7	58.44	-12,768.8	-1,172.8	492.7	274.4	218.25	2.257		
23,200.0	10,313.7	23,003.1	10,055.6	112.6	112.5	58.44	-12,868.8	-1,172.7	492.7	272.8	219.91	2.241		
23,300.0	10,313.4	23,103.1	10,055.2	113.4	113.4	58.43	-12,968.8	-1,172.7	492.8	271.2	221.57	2.224		
23,400.0	10,313.0	23,203.1	10,054.7	114.3	114.3	58.42	-13,068.8	-1,172.6	492.8	269.6	223.23	2.208		
23,500.0	10,312.6	23,303.1	10,054.2	115.1	115.1	58.42	-13,168.8	-1,172.5	492.8	268.0	224.89	2.192		
23,600.0	10,312.2	23,403.1	10,053.8	116.0	116.0	58.41	-13,268.8	-1,172.4	492.9	266.3	226.55	2.176		
23,700.0	10,311.8	23,503.1	10,053.3	116.8	116.8	58.40	-13,368.8	-1,172.4	492.9	264.7	228.21	2.160		
23,800.0	10,311.4	23,603.1	10,052.9	117.7	117.7	58.39	-13,468.8	-1,172.3	493.0	263.1	229.87	2.145		
23,900.0	10,311.0	23,703.1	10,052.4	118.5	118.5	58.39	-13,568.8	-1,172.2	493.0	261.5	231.53	2.129		
24,000.0	10,310.6	23,803.1	10,051.9	119.4	119.4	58.38	-13,668.8	-1,172.1	493.0	259.9	233.19	2.114		
24,100.0	10,310.2	23,903.1	10,051.5	120.3	120.2	58.37	-13,768.8	-1,172.1	493.1	258.2	234.85	2.100		
24,200.0	10,309.8	24,003.1	10,051.0	121.1	121.1	58.37	-13,868.8	-1,172.0	493.1	256.6	236.52	2.085		
24,300.0	10,309.4	24,103.1	10,050.5	122.0	121.9	58.36	-13,968.8	-1,171.9	493.2	255.0	238.18	2.071		
24,400.0	10,309.1	24,203.1	10,050.1	122.8	122.8	58.35	-14,068.8	-1,171.8	493.2	253.4	239.84	2.056		
24,500.0	10,308.7	24,303.1	10,049.6	123.7	123.7	58.35	-14,168.8	-1,171.8	493.2	251.7	241.50	2.042		
24,600.0	10,308.3	24,403.1	10,049.2	124.5	124.5	58.34	-14,268.8	-1,171.7	493.3	250.1	243.16	2.029		
24,700.0	10,307.9	24,503.1	10,048.7	125.4	125.4	58.33	-14,368.8	-1,171.6	493.3	248.5	244.82	2.015		
24,800.0	10,307.5	24,603.1	10,048.2	126.2	126.2	58.33	-14,468.8	-1,171.5	493.4	246.9	246.49	2.002		
24,900.0	10,307.1	24,703.1	10,047.8	127.1	127.1	58.32	-14,568.8	-1,171.5	493.4	245.2	248.15	1.988 Advise and Monitor		
25,000.0	10,306.7	24,803.1	10,047.3	128.0	127.9	58.31	-14,668.8	-1,171.4	493.4	243.6	249.81	1.975 Advise and Monitor		
25,100.0	10,306.3	24,903.1	10,046.9	128.8	128.8	58.30	-14,768.8	-1,171.3	493.5	242.0	251.47	1.962 Advise and Monitor		
25,200.0	10,305.9	25,003.1	10,046.4	129.7	129.6	58.30	-14,868.8	-1,171.2	493.5	240.4	253.14	1.950 Advise and Monitor		
25,300.0	10,305.5	25,103.1	10,045.9	130.5	130.5	58.29	-14,968.8	-1,171.2	493.6	238.8	254.80	1.937 Advise and Monitor		
25,400.0	10,305.2	25,203.1	10,045.5	131.4	131.4	58.28	-15,068.8	-1,171.1	493.6	237.1	256.46	1.925 Advise and Monitor		
25,500.0	10,304.8	25,303.1	10,045.0	132.2	132.2	58.28	-15,168.8	-1,171.0	493.6	235.5	258.13	1.912 Advise and Monitor		
25,600.0	10,304.4	25,403.1	10,044.5	133.1	133.1	58.27	-15,268.8	-1,170.9	493.7	233.9	259.79	1.900 Advise and Monitor		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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
												Offset Well Error:	3.0 usft
Survey Program:	0-Standard Keeper 104, 9759-MWD+IFR1+FDIR												
Reference	Offset												
Measured	Vertical	Measured	Vertical	Semi Major Axis		Highside	Offset Wellbore Centre		Rule Assigned:		Minimum	Separation	Warning
Depth	Depth	Depth	Depth	Reference	Offset		+N/-S	+E/-W	Between	Between			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	Toolface	(usft)	(usft)	Centres	Ellipses	Separation	Factor	
						(°)			(usft)	(usft)	(usft)		
25,700.0	10,304.0	25,503.1	10,044.1	133.9	133.9	58.26	-15,368.8	-1,170.9	493.7	232.3	261.45	1.888	Advise and Monitor
25,800.0	10,303.6	25,603.1	10,043.6	134.8	134.8	58.26	-15,468.8	-1,170.8	493.7	230.6	263.12	1.877	Advise and Monitor
25,900.0	10,303.2	25,703.1	10,043.2	135.7	135.6	58.25	-15,568.8	-1,170.7	493.8	229.0	264.78	1.865	Advise and Monitor
25,901.8	10,303.2	25,704.9	10,043.2	135.7	135.6	58.25	-15,570.7	-1,170.7	493.8	229.0	264.81	1.865	Advise and Monitor
25,952.3	10,303.0	25,738.0	10,043.0	136.1	135.9	58.25	-15,603.8	-1,170.7	494.1	228.7	265.36	1.862	Advise and Monitor, SF
25,952.6	10,303.0	25,738.0	10,043.0	136.1	135.9	58.25	-15,603.8	-1,170.7	494.1	228.8	265.31	1.862	Advise and Monitor

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

1/18/2022 8:39:25AM

Page 9

COMPASS 5000.15 Build 91E

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #703H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9730-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,000.0	7,919.1	8,109.5	8,052.7	10.4	10.2	-9.74	-9.74	87.5	-1,929.3	986.7	968.2	18.47	53.420	
8,100.0	8,019.0	8,207.8	8,150.0	10.5	10.3	-9.55	-9.55	91.4	-1,916.2	968.4	949.7	18.71	51.749	
8,200.0	8,118.9	8,306.4	8,247.6	10.5	10.5	-9.34	-9.34	95.4	-1,903.1	951.8	932.8	18.96	50.213	
8,300.0	8,218.9	8,405.2	8,345.4	10.6	10.6	-9.11	-9.11	99.4	-1,889.9	936.9	917.7	19.20	48.806	
8,335.3	8,254.3	8,440.2	8,380.1	10.6	10.7	-91.56	-91.56	100.8	-1,885.2	932.0	912.8	19.27	48.369	
8,400.0	8,318.9	8,500.0	8,439.3	10.7	10.7	-91.43	-91.43	103.2	-1,877.3	923.4	904.0	19.36	47.691	
8,500.0	8,418.9	8,588.9	8,527.5	10.8	10.9	-91.23	-91.23	106.6	-1,866.1	910.8	891.3	19.49	46.736	
8,600.0	8,518.9	8,675.1	8,613.1	10.9	11.0	-91.06	-91.06	109.5	-1,856.6	899.6	880.0	19.60	45.895	
8,700.0	8,618.9	8,761.6	8,699.2	11.0	11.1	-90.91	-90.91	112.0	-1,848.3	890.0	870.3	19.72	45.133	
8,800.0	8,718.9	8,848.4	8,785.6	11.1	11.2	-90.77	-90.77	114.1	-1,841.2	881.7	861.9	19.84	44.446	
8,900.0	8,818.9	8,935.3	8,872.3	11.2	11.3	-90.66	-90.66	115.9	-1,835.3	875.0	855.0	19.96	43.835	
9,000.0	8,918.9	9,022.4	8,959.3	11.3	11.4	-90.57	-90.57	117.3	-1,830.7	869.7	849.6	20.08	43.300	
9,100.0	9,018.9	9,109.7	9,046.5	11.3	11.5	-90.51	-90.51	118.3	-1,827.4	865.8	845.6	20.21	42.837	
9,200.0	9,118.9	9,200.0	9,136.8	11.4	11.5	-90.47	-90.47	119.0	-1,825.3	863.5	843.1	20.35	42.429	
9,300.0	9,218.9	9,284.4	9,221.1	11.5	11.6	-90.45	-90.45	119.2	-1,824.5	862.5	842.1	20.45	42.174	
9,338.2	9,257.1	9,321.0	9,257.7	11.6	11.7	-90.45	-90.45	119.2	-1,824.5	862.5	842.0	20.49	42.099	
9,400.0	9,318.9	9,382.8	9,319.5	11.6	11.7	-90.45	-90.45	119.2	-1,824.5	862.5	842.0	20.54	41.988	
9,500.0	9,418.9	9,482.8	9,419.5	11.7	11.8	-90.45	-90.45	119.2	-1,824.5	862.5	841.9	20.63	41.810	
9,600.0	9,518.9	9,582.8	9,519.5	11.8	11.9	-90.45	-90.45	119.2	-1,824.5	862.5	841.8	20.72	41.632	
9,700.0	9,618.9	9,682.8	9,619.5	11.9	12.0	-90.45	-90.45	119.2	-1,824.5	862.5	841.7	20.81	41.454	
9,800.0	9,718.9	9,782.8	9,719.5	12.0	12.1	-90.45	-90.45	119.2	-1,824.5	862.5	841.6	20.88	41.303	
9,871.1	9,790.0	9,854.7	9,791.4	12.1	12.1	-90.49	-90.49	118.6	-1,824.5	862.5	841.6	20.91	41.239	
9,900.0	9,818.9	9,884.5	9,821.2	12.1	12.1	92.12	92.12	116.6	-1,824.4	862.5	841.6	20.92	41.222	
9,904.3	9,823.3	9,889.0	9,825.7	12.1	12.1	92.11	92.11	116.1	-1,824.4	862.5	841.6	20.92	41.220 CC	
9,950.0	9,868.7	9,936.0	9,872.2	12.1	12.1	91.96	91.96	109.3	-1,824.2	862.5	841.6	20.94	41.187	
10,000.0	9,917.9	9,987.2	9,922.0	12.1	12.1	91.78	91.78	97.6	-1,823.8	862.6	841.7	20.97	41.141	
10,050.0	9,966.0	10,038.2	9,970.4	12.1	12.2	91.59	91.59	81.6	-1,823.3	862.8	841.8	21.00	41.081	
10,100.0	10,012.9	10,089.0	10,016.9	12.1	12.2	91.38	91.38	61.4	-1,822.7	863.1	842.0	21.05	41.004	
10,150.0	10,058.0	10,139.5	10,061.3	12.2	12.2	91.17	91.17	37.4	-1,822.0	863.4	842.3	21.11	40.905	
10,200.0	10,101.2	10,189.7	10,103.2	12.2	12.3	90.95	90.95	9.7	-1,821.1	863.8	842.6	21.18	40.779	
10,250.0	10,141.9	10,239.7	10,142.3	12.2	12.3	90.72	90.72	-21.5	-1,820.2	864.3	843.0	21.28	40.621	
10,300.0	10,180.0	10,289.5	10,178.4	12.3	12.4	90.48	90.48	-55.7	-1,819.1	864.8	843.4	21.39	40.424	
10,350.0	10,215.1	10,339.1	10,211.2	12.3	12.4	90.25	90.25	-92.8	-1,818.0	865.4	843.9	21.54	40.185	
10,400.0	10,246.9	10,388.4	10,240.6	12.4	12.5	90.01	90.01	-132.4	-1,816.8	866.0	844.3	21.71	39.900	
10,450.0	10,275.3	10,437.5	10,266.4	12.5	12.6	89.77	89.77	-174.2	-1,815.5	866.7	844.8	21.90	39.568	
10,500.0	10,300.0	10,486.4	10,288.4	12.5	12.6	89.54	89.54	-217.8	-1,814.1	867.5	845.3	22.13	39.191	
10,550.0	10,320.8	10,535.1	10,306.5	12.6	12.7	89.31	89.31	-262.9	-1,812.7	868.3	845.9	22.40	38.770	
10,600.0	10,337.6	10,583.6	10,320.7	12.7	12.8	89.08	89.08	-309.3	-1,811.3	869.1	846.4	22.68	38.311	
10,650.0	10,350.2	10,631.9	10,330.9	12.7	12.9	88.86	88.86	-356.5	-1,809.8	869.9	846.9	23.00	37.821	
10,700.0	10,358.6	10,680.1	10,337.0	12.8	12.9	88.65	88.65	-404.2	-1,808.4	870.8	847.4	23.34	37.309	
10,750.0	10,362.6	10,728.1	10,339.2	12.8	13.0	88.46	88.46	-452.2	-1,806.9	871.6	847.9	23.70	36.784	
10,773.3	10,363.0	10,751.3	10,339.1	12.9	13.1	88.39	88.39	-475.3	-1,806.2	872.0	848.1	23.87	36.529	
10,800.0	10,362.8	10,777.9	10,339.0	12.9	13.1	88.39	88.39	-502.0	-1,805.4	872.4	848.4	24.08	36.235	
10,900.0	10,362.5	10,877.9	10,338.5	13.1	13.4	88.39	88.39	-601.9	-1,802.3	874.1	849.1	24.92	35.071	
11,000.0	10,362.1	10,977.9	10,338.1	13.3	13.7	88.39	88.39	-701.8	-1,799.2	875.7	849.8	25.85	33.869	
11,100.0	10,361.7	11,077.9	10,337.6	13.6	14.1	88.39	88.39	-801.8	-1,796.1	877.3	850.5	26.87	32.656	
11,200.0	10,361.3	11,177.9	10,337.2	14.0	14.6	88.39	88.39	-901.7	-1,793.1	878.9	851.0	27.95	31.451	
11,300.0	10,360.9	11,277.9	10,336.8	14.5	15.1	88.39	88.39	-1,001.7	-1,790.0	880.6	851.5	29.09	30.271	
11,400.0	10,360.5	11,377.8	10,336.3	15.0	15.6	88.39	88.39	-1,101.6	-1,786.9	882.2	851.9	30.29	29.128	
11,500.0	10,360.1	11,477.8	10,335.9	15.6	16.2	88.39	88.39	-1,201.5	-1,783.8	883.8	852.3	31.53	28.028	
11,600.0	10,359.7	11,577.8	10,335.5	16.2	16.8	88.39	88.39	-1,301.5	-1,780.7	885.5	852.6	32.82	26.975	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #703H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9730-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
11,700.0	10,359.3	11,677.8	10,335.0	16.9	17.5	88.39	88.39	-1,401.4	-1,777.7	887.1	852.9	34.15	25.974	
11,800.0	10,358.9	11,777.8	10,334.6	17.5	18.1	88.39	88.39	-1,501.4	-1,774.6	888.7	853.2	35.52	25.023	
11,900.0	10,358.5	11,877.8	10,334.2	18.2	18.8	88.39	88.39	-1,601.3	-1,771.5	890.3	853.4	36.91	24.123	
12,000.0	10,358.1	11,977.8	10,333.7	18.9	19.5	88.39	88.39	-1,701.2	-1,768.4	892.0	853.6	38.33	23.271	
12,100.0	10,357.7	12,077.8	10,333.3	19.6	20.2	88.39	88.39	-1,801.2	-1,765.3	893.6	853.8	39.77	22.467	
12,200.0	10,357.3	12,177.7	10,332.9	20.4	20.9	88.39	88.39	-1,901.1	-1,762.3	895.2	854.0	41.24	21.708	
12,300.0	10,356.9	12,277.7	10,332.4	21.1	21.7	88.39	88.39	-2,001.0	-1,759.2	896.8	854.1	42.72	20.992	
12,400.0	10,356.5	12,377.7	10,332.0	21.9	22.4	88.39	88.39	-2,101.0	-1,756.1	898.5	854.2	44.23	20.316	
12,500.0	10,356.1	12,477.7	10,331.6	22.6	23.1	88.39	88.39	-2,200.9	-1,753.0	900.1	854.4	45.74	19.677	
12,600.0	10,355.7	12,577.7	10,331.1	23.4	23.9	88.39	88.39	-2,300.9	-1,750.0	901.7	854.5	47.28	19.074	
12,700.0	10,355.3	12,677.7	10,330.7	24.2	24.7	88.39	88.39	-2,400.8	-1,746.9	903.4	854.5	48.82	18.503	
12,800.0	10,355.0	12,777.7	10,330.3	25.0	25.4	88.39	88.39	-2,500.7	-1,743.8	905.0	854.6	50.38	17.964	
12,900.0	10,354.6	12,877.6	10,329.8	25.8	26.2	88.40	88.40	-2,600.7	-1,740.7	906.6	854.7	51.95	17.453	
13,000.0	10,354.2	12,977.6	10,329.4	26.6	27.0	88.40	88.40	-2,700.6	-1,737.6	908.2	854.7	53.52	16.969	
13,100.0	10,353.8	13,077.6	10,329.0	27.3	27.8	88.40	88.40	-2,800.6	-1,734.6	909.9	854.8	55.11	16.510	
13,200.0	10,353.4	13,177.6	10,328.5	28.2	28.6	88.40	88.40	-2,900.5	-1,731.5	911.5	854.8	56.70	16.075	
13,300.0	10,353.0	13,277.6	10,328.1	29.0	29.4	88.40	88.40	-3,000.4	-1,728.4	913.1	854.8	58.30	15.661	
13,400.0	10,352.6	13,377.6	10,327.7	29.8	30.2	88.40	88.40	-3,100.4	-1,725.3	914.7	854.8	59.91	15.268	
13,500.0	10,352.2	13,477.6	10,327.2	30.6	31.0	88.40	88.40	-3,200.3	-1,722.3	916.4	854.8	61.53	14.894	
13,600.0	10,351.8	13,577.6	10,326.8	31.4	31.8	88.40	88.40	-3,300.2	-1,719.2	918.0	854.9	63.15	14.537	
13,700.0	10,351.4	13,677.5	10,326.4	32.2	32.6	88.40	88.40	-3,400.2	-1,716.1	919.6	854.9	64.77	14.198	
13,800.0	10,351.0	13,777.5	10,325.9	33.0	33.4	88.40	88.40	-3,500.1	-1,713.0	921.3	854.9	66.40	13.873	
13,900.0	10,350.6	13,877.5	10,325.5	33.8	34.2	88.40	88.40	-3,600.1	-1,709.9	922.9	854.8	68.04	13.564	
14,000.0	10,350.2	13,977.5	10,325.1	34.7	35.0	88.40	88.40	-3,700.0	-1,706.9	924.5	854.8	69.68	13.268	
14,100.0	10,349.8	14,077.5	10,324.6	35.5	35.8	88.40	88.40	-3,799.9	-1,703.8	926.1	854.8	71.32	12.985	
14,200.0	10,349.4	14,177.5	10,324.2	36.3	36.7	88.40	88.40	-3,899.9	-1,700.7	927.8	854.8	72.97	12.714	
14,300.0	10,349.0	14,277.5	10,323.8	37.2	37.5	88.40	88.40	-3,999.8	-1,697.6	929.4	854.8	74.62	12.455	
14,400.0	10,348.6	14,377.4	10,323.3	38.0	38.3	88.40	88.40	-4,099.8	-1,694.5	931.0	854.7	76.28	12.206	
14,500.0	10,348.2	14,477.4	10,322.9	38.8	39.1	88.40	88.40	-4,199.7	-1,691.5	932.6	854.7	77.93	11.967	
14,600.0	10,347.8	14,577.4	10,322.4	39.6	40.0	88.40	88.40	-4,299.6	-1,688.4	934.3	854.7	79.59	11.738	
14,700.0	10,347.5	14,677.4	10,322.0	40.5	40.8	88.40	88.40	-4,399.6	-1,685.3	935.9	854.6	81.26	11.518	
14,800.0	10,347.1	14,777.4	10,321.6	41.3	41.6	88.40	88.40	-4,499.5	-1,682.2	937.5	854.6	82.92	11.306	
14,900.0	10,346.7	14,877.4	10,321.1	42.2	42.4	88.40	88.40	-4,599.4	-1,679.2	939.2	854.6	84.59	11.103	
15,000.0	10,346.3	14,977.4	10,320.7	43.0	43.3	88.40	88.40	-4,699.4	-1,676.1	940.8	854.5	86.26	10.906	
15,100.0	10,345.9	15,077.4	10,320.3	43.8	44.1	88.40	88.40	-4,799.3	-1,673.0	942.4	854.5	87.93	10.718	
15,200.0	10,345.5	15,177.3	10,319.8	44.7	44.9	88.40	88.40	-4,899.3	-1,669.9	944.0	854.4	89.61	10.535	
15,300.0	10,345.1	15,277.3	10,319.4	45.5	45.8	88.40	88.40	-4,999.2	-1,666.8	945.7	854.4	91.28	10.360	
15,400.0	10,344.7	15,377.3	10,319.0	46.4	46.6	88.40	88.40	-5,099.1	-1,663.8	947.3	854.3	92.96	10.190	
15,473.3	10,344.4	15,442.3	10,318.7	47.0	47.2	88.40	88.40	-5,164.1	-1,661.9	948.6	854.5	94.11	10.080	
15,500.0	10,344.3	15,462.4	10,318.6	47.2	47.3	88.41	88.41	-5,184.2	-1,661.5	949.3	854.8	94.49	10.046	
15,600.0	10,343.9	15,540.9	10,318.3	48.0	48.0	88.42	88.42	-5,262.7	-1,661.4	951.1	855.1	95.92	9.915	
15,632.3	10,343.8	15,573.2	10,318.1	48.3	48.2	88.42	88.42	-5,295.0	-1,661.6	951.2	854.8	96.46	9.861	
15,700.0	10,343.5	15,640.9	10,317.8	48.9	48.8	88.42	88.42	-5,362.7	-1,662.1	951.2	853.6	97.59	9.746	
15,800.0	10,343.1	15,740.9	10,317.4	49.7	49.6	88.42	88.42	-5,462.7	-1,662.9	951.1	851.8	99.27	9.581	
15,900.0	10,342.7	15,840.9	10,317.0	50.5	50.5	88.41	88.41	-5,562.7	-1,663.6	951.0	850.0	100.94	9.421	
16,000.0	10,342.3	15,940.9	10,316.6	51.4	51.3	88.41	88.41	-5,662.7	-1,664.4	950.9	848.3	102.62	9.266	
16,100.0	10,341.9	16,040.9	10,316.1	52.2	52.2	88.41	88.41	-5,762.7	-1,665.1	950.8	846.5	104.29	9.116	
16,200.0	10,341.5	16,140.9	10,315.7	53.1	53.0	88.41	88.41	-5,862.7	-1,665.9	950.7	844.7	105.97	8.971	
16,300.0	10,341.1	16,240.9	10,315.3	53.9	53.8	88.41	88.41	-5,962.7	-1,666.6	950.6	843.0	107.65	8.830	
16,400.0	10,340.7	16,340.9	10,314.8	54.7	54.7	88.41	88.41	-6,062.7	-1,667.4	950.5	841.2	109.33	8.694	
16,500.0	10,340.3	16,440.9	10,314.4	55.6	55.5	88.40	88.40	-6,162.7	-1,668.1	950.4	839.4	111.01	8.561	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #703H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9730-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
								+N/-S (usft)	+E/-W (usft)					
16,600.0	10,339.9	16,540.9	10,314.0	56.4	56.4	88.40	88.40	-6,262.7	-1,668.9	950.3	837.6	112.70	8.433	
16,700.0	10,339.5	16,640.9	10,313.6	57.3	57.2	88.40	88.40	-6,362.7	-1,669.6	950.2	835.9	114.38	8.308	
16,800.0	10,339.1	16,740.9	10,313.1	58.1	58.0	88.40	88.40	-6,462.7	-1,670.4	950.2	834.1	116.07	8.186	
16,900.0	10,338.7	16,840.9	10,312.7	59.0	58.9	88.40	88.40	-6,562.7	-1,671.1	950.1	832.3	117.75	8.068	
17,000.0	10,338.3	16,940.9	10,312.3	59.8	59.7	88.39	88.39	-6,662.7	-1,671.9	950.0	830.5	119.44	7.954	
17,100.0	10,337.9	17,040.9	10,311.8	60.6	60.6	88.39	88.39	-6,762.7	-1,672.6	949.9	828.8	121.13	7.842	
17,200.0	10,337.5	17,140.9	10,311.4	61.5	61.4	88.39	88.39	-6,862.7	-1,673.4	949.8	827.0	122.81	7.734	
17,300.0	10,337.1	17,240.9	10,311.0	62.3	62.2	88.39	88.39	-6,962.7	-1,674.1	949.7	825.2	124.50	7.628	
17,400.0	10,336.7	17,340.9	10,310.6	63.2	63.1	88.39	88.39	-7,062.6	-1,674.9	949.6	823.4	126.19	7.525	
17,500.0	10,336.3	17,440.9	10,310.1	64.0	63.9	88.38	88.38	-7,162.6	-1,675.6	949.5	821.6	127.88	7.425	
17,600.0	10,335.9	17,540.9	10,309.7	64.9	64.8	88.38	88.38	-7,262.6	-1,676.4	949.4	819.8	129.57	7.327	
17,700.0	10,335.5	17,640.9	10,309.3	65.7	65.6	88.38	88.38	-7,362.6	-1,677.1	949.3	818.1	131.26	7.232	
17,800.0	10,335.1	17,740.9	10,308.8	66.6	66.5	88.38	88.38	-7,462.6	-1,677.9	949.2	816.3	132.96	7.139	
17,900.0	10,334.7	17,840.9	10,308.4	67.4	67.3	88.38	88.38	-7,562.6	-1,678.6	949.1	814.5	134.65	7.049	
18,000.0	10,334.3	17,940.9	10,308.0	68.3	68.2	88.37	88.37	-7,662.6	-1,679.4	949.1	812.7	136.34	6.961	
18,100.0	10,333.9	18,040.9	10,307.6	69.1	69.0	88.37	88.37	-7,762.6	-1,680.1	949.0	810.9	138.04	6.875	
18,200.0	10,333.5	18,140.9	10,307.1	70.0	69.9	88.37	88.37	-7,862.6	-1,680.9	948.9	809.1	139.73	6.791	
18,300.0	10,333.1	18,240.9	10,306.7	70.8	70.7	88.37	88.37	-7,962.6	-1,681.6	948.8	807.4	141.43	6.709	
18,400.0	10,332.7	18,340.9	10,306.3	71.6	71.5	88.37	88.37	-8,062.6	-1,682.4	948.7	805.6	143.12	6.629	
18,500.0	10,332.3	18,440.9	10,305.8	72.5	72.4	88.37	88.37	-8,162.6	-1,683.1	948.6	803.8	144.82	6.550	
18,600.0	10,331.9	18,540.9	10,305.4	73.3	73.2	88.36	88.36	-8,262.6	-1,683.9	948.5	802.0	146.51	6.474	
18,700.0	10,331.5	18,640.9	10,305.0	74.2	74.1	88.36	88.36	-8,362.6	-1,684.6	948.4	800.2	148.21	6.399	
18,800.0	10,331.1	18,740.9	10,304.6	75.0	74.9	88.36	88.36	-8,462.6	-1,685.4	948.3	798.4	149.91	6.326	
18,900.0	10,330.7	18,840.9	10,304.1	75.9	75.8	88.36	88.36	-8,562.6	-1,686.1	948.2	796.6	151.60	6.255	
19,000.0	10,330.3	18,940.9	10,303.7	76.7	76.6	88.36	88.36	-8,662.6	-1,686.9	948.1	794.8	153.30	6.185	
19,100.0	10,329.9	19,040.9	10,303.3	77.6	77.5	88.35	88.35	-8,762.6	-1,687.6	948.0	793.0	155.00	6.116	
19,200.0	10,329.5	19,140.9	10,302.8	78.4	78.3	88.35	88.35	-8,862.6	-1,688.4	948.0	791.3	156.70	6.049	
19,300.0	10,329.1	19,240.9	10,302.4	79.3	79.2	88.35	88.35	-8,962.6	-1,689.1	947.9	789.5	158.40	5.984	
19,400.0	10,328.7	19,340.9	10,302.0	80.1	80.0	88.35	88.35	-9,062.6	-1,689.9	947.8	787.7	160.10	5.920	
19,500.0	10,328.3	19,440.9	10,301.6	81.0	80.9	88.35	88.35	-9,162.6	-1,690.6	947.7	785.9	161.80	5.857	
19,600.0	10,327.9	19,540.9	10,301.1	81.8	81.7	88.34	88.34	-9,262.6	-1,691.4	947.6	784.1	163.50	5.796	
19,700.0	10,327.5	19,640.9	10,300.7	82.7	82.6	88.34	88.34	-9,362.6	-1,692.1	947.5	782.3	165.20	5.735	
19,800.0	10,327.1	19,740.9	10,300.3	83.5	83.4	88.34	88.34	-9,462.6	-1,692.9	947.4	780.5	166.90	5.676	
19,900.0	10,326.7	19,840.9	10,299.9	84.4	84.3	88.34	88.34	-9,562.6	-1,693.6	947.3	778.7	168.60	5.619	
20,000.0	10,326.3	19,940.9	10,299.4	85.2	85.1	88.34	88.34	-9,662.5	-1,694.4	947.2	776.9	170.30	5.562	
20,100.0	10,325.9	20,040.9	10,299.0	86.1	86.0	88.34	88.34	-9,762.5	-1,695.1	947.1	775.1	172.00	5.506	
20,200.0	10,325.5	20,140.9	10,298.6	86.9	86.8	88.33	88.33	-9,862.5	-1,695.9	947.0	773.3	173.71	5.452	
20,300.0	10,325.1	20,240.9	10,298.1	87.8	87.7	88.33	88.33	-9,962.5	-1,696.6	946.9	771.5	175.41	5.399	
20,400.0	10,324.7	20,340.9	10,297.7	88.6	88.5	88.33	88.33	-10,062.5	-1,697.4	946.9	769.7	177.11	5.346	
20,500.0	10,324.3	20,440.9	10,297.3	89.5	89.4	88.33	88.33	-10,162.5	-1,698.1	946.8	767.9	178.81	5.295	
20,600.0	10,323.9	20,540.9	10,296.9	90.4	90.2	88.33	88.33	-10,262.5	-1,698.9	946.7	766.2	180.52	5.244	
20,700.0	10,323.5	20,640.9	10,296.4	91.2	91.1	88.32	88.32	-10,362.5	-1,699.6	946.6	764.4	182.22	5.195	
20,800.0	10,323.1	20,740.9	10,296.0	92.1	91.9	88.32	88.32	-10,462.5	-1,700.4	946.5	762.6	183.92	5.146	
20,826.2	10,323.0	20,766.2	10,295.9	92.3	92.1	88.32	88.32	-10,487.8	-1,700.6	946.5	762.1	184.36	5.134	
20,829.3	10,323.0	20,768.6	10,295.9	92.3	92.2	88.32	88.32	-10,490.2	-1,700.6	946.5	762.1	184.40	5.133	
20,855.6	10,322.9	20,794.9	10,295.8	92.5	92.4	88.32	88.32	-10,516.5	-1,700.8	946.6	761.8	184.85	5.121	
20,900.0	10,322.7	20,839.3	10,295.6	92.9	92.8	88.32	88.32	-10,560.9	-1,701.3	947.0	761.4	185.60	5.103	
21,000.0	10,322.3	20,939.3	10,295.1	93.8	93.6	88.32	88.32	-10,660.9	-1,702.2	948.0	760.7	187.31	5.061	
21,100.0	10,321.9	21,039.3	10,294.7	94.6	94.5	88.32	88.32	-10,760.9	-1,703.1	949.0	760.0	189.01	5.021	
21,200.0	10,321.6	21,139.3	10,294.3	95.5	95.3	88.32	88.32	-10,860.9	-1,704.0	950.0	759.3	190.72	4.981	
21,300.0	10,321.2	21,239.3	10,293.9	96.3	96.2	88.32	88.32	-10,960.9	-1,704.9	951.0	758.6	192.42	4.942	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #703H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9730-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
								+N/-S (usft)	+E/-W (usft)					
21,400.0	10,320.8	21,339.3	10,293.4	97.2	97.0	88.32		-11,060.8	-1,705.9	952.0	757.9	194.13	4.904	
21,500.0	10,320.4	21,439.3	10,293.0	98.0	97.9	88.31		-11,160.8	-1,706.8	953.0	757.2	195.84	4.867	
21,600.0	10,320.0	21,539.3	10,292.6	98.9	98.7	88.31		-11,260.8	-1,707.7	954.0	756.5	197.54	4.830	
21,700.0	10,319.6	21,639.3	10,292.1	99.7	99.6	88.31		-11,360.8	-1,708.6	955.0	755.8	199.25	4.793	
21,800.0	10,319.2	21,739.3	10,291.7	100.6	100.4	88.31		-11,460.8	-1,709.6	956.0	755.1	200.95	4.758	
21,900.0	10,318.8	21,839.3	10,291.3	101.4	101.3	88.31		-11,560.8	-1,710.5	957.0	754.4	202.66	4.722	
22,000.0	10,318.4	21,939.3	10,290.8	102.3	102.1	88.31		-11,660.8	-1,711.4	958.0	753.7	204.37	4.688	
22,100.0	10,318.0	22,039.2	10,290.4	103.2	103.0	88.31		-11,760.8	-1,712.3	959.0	753.0	206.07	4.654	
22,200.0	10,317.6	22,139.2	10,290.0	104.0	103.8	88.31		-11,860.8	-1,713.2	960.0	752.3	207.78	4.620	
22,300.0	10,317.3	22,239.2	10,289.6	104.9	104.7	88.31		-11,960.8	-1,714.2	961.0	751.5	209.49	4.588	
22,400.0	10,316.9	22,339.2	10,289.1	105.7	105.6	88.31		-12,060.7	-1,715.1	962.0	750.8	211.19	4.555	
22,500.0	10,316.5	22,439.2	10,288.7	106.6	106.4	88.31		-12,160.7	-1,716.0	963.0	750.1	212.90	4.523	
22,600.0	10,316.1	22,539.2	10,288.3	107.4	107.3	88.31		-12,260.7	-1,716.9	964.0	749.4	214.61	4.492	
22,700.0	10,315.7	22,639.2	10,287.8	108.3	108.1	88.31		-12,360.7	-1,717.8	965.0	748.7	216.32	4.461	
22,800.0	10,315.3	22,739.2	10,287.4	109.1	109.0	88.31		-12,460.7	-1,718.8	966.0	748.0	218.02	4.431	
22,900.0	10,314.9	22,839.2	10,287.0	110.0	109.8	88.31		-12,560.7	-1,719.7	967.0	747.3	219.73	4.401	
23,000.0	10,314.5	22,939.2	10,286.5	110.8	110.7	88.31		-12,660.7	-1,720.6	968.0	746.6	221.44	4.371	
23,100.0	10,314.1	23,039.2	10,286.1	111.7	111.5	88.31		-12,760.7	-1,721.5	969.0	745.9	223.15	4.342	
23,200.0	10,313.7	23,139.2	10,285.7	112.6	112.4	88.30		-12,860.7	-1,722.5	970.0	745.2	224.86	4.314	
23,300.0	10,313.4	23,239.2	10,285.3	113.4	113.2	88.30		-12,960.7	-1,723.4	971.0	744.5	226.56	4.286	
23,400.0	10,313.0	23,339.2	10,284.8	114.3	114.1	88.30		-13,060.6	-1,724.3	972.0	743.7	228.27	4.258	
23,500.0	10,312.6	23,439.2	10,284.4	115.1	114.9	88.30		-13,160.6	-1,725.2	973.0	743.0	229.98	4.231	
23,600.0	10,312.2	23,539.2	10,284.0	116.0	115.8	88.30		-13,260.6	-1,726.1	974.0	742.3	231.69	4.204	
23,700.0	10,311.8	23,639.2	10,283.5	116.8	116.6	88.30		-13,360.6	-1,727.1	975.0	741.6	233.40	4.177	
23,800.0	10,311.4	23,739.2	10,283.1	117.7	117.5	88.30		-13,460.6	-1,728.0	976.0	740.9	235.11	4.151	
23,900.0	10,311.0	23,839.2	10,282.7	118.5	118.4	88.30		-13,560.6	-1,728.9	977.0	740.2	236.82	4.126	
24,000.0	10,310.6	23,939.2	10,282.2	119.4	119.2	88.30		-13,660.6	-1,729.8	978.0	739.5	238.53	4.100	
24,100.0	10,310.2	24,039.1	10,281.8	120.3	120.1	88.30		-13,760.6	-1,730.7	979.0	738.8	240.24	4.075	
24,200.0	10,309.8	24,139.1	10,281.4	121.1	120.9	88.30		-13,860.6	-1,731.7	980.0	738.1	241.95	4.051	
24,300.0	10,309.4	24,239.1	10,281.0	122.0	121.8	88.30		-13,960.5	-1,732.6	981.0	737.4	243.65	4.026	
24,400.0	10,309.1	24,339.1	10,280.5	122.8	122.6	88.30		-14,060.5	-1,733.5	982.0	736.6	245.36	4.002	
24,500.0	10,308.7	24,439.1	10,280.1	123.7	123.5	88.30		-14,160.5	-1,734.4	983.0	735.9	247.07	3.979	
24,600.0	10,308.3	24,539.1	10,279.7	124.5	124.3	88.30		-14,260.5	-1,735.4	984.0	735.2	248.78	3.955	
24,700.0	10,307.9	24,639.1	10,279.2	125.4	125.2	88.30		-14,360.5	-1,736.3	985.0	734.5	250.49	3.932	
24,800.0	10,307.5	24,739.1	10,278.8	126.2	126.0	88.30		-14,460.5	-1,737.2	986.0	733.8	252.20	3.910	
24,900.0	10,307.1	24,839.1	10,278.4	127.1	126.9	88.29		-14,560.5	-1,738.1	987.0	733.1	253.91	3.887	
25,000.0	10,306.7	24,939.1	10,277.9	128.0	127.8	88.29		-14,660.5	-1,739.0	988.0	732.4	255.62	3.865	
25,100.0	10,306.3	25,039.1	10,277.5	128.8	128.6	88.29		-14,760.5	-1,740.0	989.0	731.7	257.33	3.843	
25,200.0	10,305.9	25,139.1	10,277.1	129.7	129.5	88.29		-14,860.5	-1,740.9	990.0	731.0	259.04	3.822	
25,300.0	10,305.5	25,239.1	10,276.7	130.5	130.3	88.29		-14,960.4	-1,741.8	991.0	730.2	260.75	3.800	
25,400.0	10,305.2	25,339.1	10,276.2	131.4	131.2	88.29		-15,060.4	-1,742.7	992.0	729.5	262.46	3.780	
25,500.0	10,304.8	25,439.1	10,275.8	132.2	132.0	88.29		-15,160.4	-1,743.7	993.0	728.8	264.17	3.759	
25,600.0	10,304.4	25,539.1	10,275.4	133.1	132.9	88.29		-15,260.4	-1,744.6	994.0	728.1	265.89	3.738	
25,700.0	10,304.0	25,639.1	10,274.9	133.9	133.7	88.29		-15,360.4	-1,745.5	995.0	727.4	267.60	3.718	
25,800.0	10,303.6	25,739.1	10,274.5	134.8	134.6	88.29		-15,460.4	-1,746.4	996.0	726.7	269.31	3.698	
25,900.0	10,303.2	25,839.1	10,274.1	135.7	135.4	88.29		-15,560.4	-1,747.3	997.0	726.0	271.02	3.679 ES, SF	
25,952.3	10,303.0	25,856.7	10,274.0	136.1	135.6	88.29		-15,578.0	-1,747.5	998.1	726.8	271.30	3.679	
25,952.6	10,303.0	25,856.7	10,274.0	136.1	135.6	88.29		-15,578.0	-1,747.5	998.1	726.8	271.30	3.679	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #706H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program:		0-Standard Keeper 104, 9810-MWD+IFR1+FDIR						Rule Assigned:					Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis								Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.0	0.0	0.3	0.3	3.0	3.0	89.81	0.1	30.1	30.1					
100.0	100.0	100.3	100.3	3.0	3.0	89.81	0.1	30.1	30.1	24.1	6.00	5.017		
200.0	200.0	200.3	200.3	3.0	3.0	89.81	0.1	30.1	30.1	24.1	6.00	5.014		
300.0	300.0	300.3	300.3	3.0	3.0	89.81	0.1	30.1	30.1	24.1	6.01	5.009		
400.0	400.0	400.3	400.3	3.0	3.0	89.81	0.1	30.1	30.1	24.1	6.02	5.001		
500.0	500.0	500.3	500.3	3.1	3.1	89.81	0.1	30.1	30.1	24.1	6.03	4.991		
600.0	600.0	600.3	600.3	3.1	3.1	89.81	0.1	30.1	30.1	24.1	6.05	4.978		
700.0	700.0	700.3	700.3	3.1	3.1	89.81	0.1	30.1	30.1	24.0	6.07	4.962		
800.0	800.0	800.3	800.3	3.2	3.2	89.81	0.1	30.1	30.1	24.0	6.09	4.944		
900.0	900.0	900.3	900.3	3.2	3.2	89.81	0.1	30.1	30.1	24.0	6.11	4.924		
1,000.0	1,000.0	1,000.3	1,000.3	3.2	3.2	89.81	0.1	30.1	30.1	24.0	6.14	4.901		
1,100.0	1,100.0	1,100.3	1,100.3	3.3	3.3	89.81	0.1	30.1	30.1	23.9	6.17	4.877		
1,200.0	1,200.0	1,200.3	1,200.3	3.4	3.4	89.81	0.1	30.1	30.1	23.9	6.21	4.850		
1,300.0	1,300.0	1,300.3	1,300.3	3.4	3.4	89.81	0.1	30.1	30.1	23.9	6.24	4.821		
1,400.0	1,400.0	1,400.3	1,400.3	3.5	3.5	89.81	0.1	30.1	30.1	23.8	6.28	4.790		
1,500.0	1,500.0	1,500.3	1,500.3	3.5	3.5	89.81	0.1	30.1	30.1	23.8	6.33	4.757		
1,600.0	1,600.0	1,600.3	1,600.3	3.6	3.6	89.81	0.1	30.1	30.1	23.7	6.37	4.723		
1,700.0	1,700.0	1,700.3	1,700.3	3.7	3.7	89.81	0.1	30.1	30.1	23.7	6.42	4.688		
1,800.0	1,800.0	1,800.3	1,800.3	3.8	3.8	89.81	0.1	30.1	30.1	23.6	6.47	4.651		
1,900.0	1,900.0	1,900.3	1,900.3	3.9	3.9	89.81	0.1	30.1	30.1	23.6	6.53	4.613		
1,916.6	1,916.6	1,916.9	1,916.9	3.9	3.9	89.81	0.1	30.1	30.1	23.6	6.53	4.606 CC		
2,000.0	2,000.0	2,000.0	2,000.0	3.9	3.9	89.81	0.1	30.1	30.1	23.5	6.58	4.574 ES, SF		
2,100.0	2,100.0	2,099.2	2,099.1	4.0	4.0	172.18	0.4	31.8	33.5	26.9	6.64	5.051		
2,200.0	2,199.8	2,197.3	2,197.2	4.0	4.0	171.85	1.4	36.8	43.8	37.1	6.70	6.535		
2,300.0	2,299.5	2,294.1	2,293.6	4.1	4.1	171.53	3.0	44.9	60.8	54.0	6.77	8.979		
2,400.0	2,398.7	2,388.9	2,387.7	4.1	4.1	171.28	5.1	56.0	84.4	77.5	6.85	12.329		
2,500.0	2,497.5	2,484.4	2,482.2	4.2	4.2	171.20	7.6	69.0	113.2	106.3	6.94	16.326		
2,600.0	2,595.9	2,579.6	2,576.5	4.2	4.2	171.31	10.1	82.0	143.8	136.7	7.04	20.431		
2,700.0	2,694.4	2,674.8	2,670.8	4.3	4.3	171.38	12.6	95.0	174.3	167.1	7.14	24.397		
2,800.0	2,792.9	2,770.0	2,765.1	4.3	4.3	171.43	15.1	108.0	204.8	197.5	7.26	28.217		
2,900.0	2,891.4	2,865.3	2,859.4	4.4	4.4	171.47	17.7	121.1	235.3	227.9	7.38	31.889		
3,000.0	2,989.9	2,960.5	2,953.7	4.5	4.5	171.50	20.2	134.1	265.8	258.3	7.51	35.411		
3,100.0	3,088.3	3,055.7	3,048.1	4.5	4.5	171.53	22.7	147.1	296.4	288.7	7.64	38.783		
3,200.0	3,186.8	3,151.0	3,142.4	4.6	4.6	171.54	25.2	160.1	326.9	319.1	7.78	42.008		
3,300.0	3,285.3	3,246.2	3,236.7	4.7	4.7	171.56	27.7	173.1	357.4	349.5	7.93	45.086		
3,400.0	3,383.8	3,341.4	3,331.0	4.8	4.7	171.57	30.2	186.1	387.9	379.8	8.08	48.021		
3,500.0	3,482.3	3,436.6	3,425.3	4.9	4.8	171.59	32.7	199.1	418.4	410.2	8.23	50.816		
3,600.0	3,580.8	3,531.9	3,519.6	4.9	4.9	171.59	35.2	212.1	449.0	440.6	8.40	53.477		
3,700.0	3,679.2	3,627.1	3,613.9	5.0	5.0	171.60	37.8	225.2	479.5	470.9	8.56	56.008		
3,800.0	3,777.7	3,722.3	3,708.2	5.1	5.1	171.61	40.3	238.2	510.0	501.3	8.73	58.413		
3,900.0	3,876.2	3,817.6	3,802.5	5.2	5.1	171.62	42.8	251.2	540.5	531.6	8.90	60.698		
4,000.0	3,974.7	3,912.8	3,896.8	5.3	5.2	171.62	45.3	264.2	571.0	561.9	9.08	62.869		
4,100.0	4,073.2	4,008.0	3,991.1	5.4	5.3	171.63	47.8	277.2	601.5	592.3	9.26	64.930		
4,200.0	4,171.6	4,103.2	4,085.4	5.5	5.4	171.63	50.3	290.2	632.1	622.6	9.45	66.886		
4,300.0	4,270.1	4,198.5	4,179.7	5.6	5.5	171.64	52.8	303.2	662.6	652.9	9.64	68.744		
4,400.0	4,368.6	4,293.7	4,274.0	5.7	5.6	171.64	55.3	316.3	693.1	683.3	9.83	70.507		
4,500.0	4,467.1	4,388.9	4,368.3	5.8	5.7	171.65	57.8	329.3	723.6	713.6	10.03	72.181		
4,600.0	4,565.6	4,484.2	4,462.6	5.9	5.8	171.65	60.4	342.3	754.1	743.9	10.22	73.770		
4,700.0	4,664.0	4,579.4	4,556.9	6.0	5.9	171.65	62.9	355.3	784.7	774.2	10.42	75.279		
4,800.0	4,762.5	4,674.6	4,651.2	6.2	6.0	171.66	65.4	368.3	815.2	804.6	10.63	76.712		
4,900.0	4,861.0	4,769.9	4,745.5	6.3	6.1	171.66	67.9	381.3	845.7	834.9	10.83	78.073		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #706H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9810-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		Distance		Minimum Separation		Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor		
5,000.0	4,959.5	4,865.1	4,839.8	6.4	6.2	171.66	70.4	394.3	876.2	865.2	11.04	79.366		
5,100.0	5,058.0	4,960.3	4,934.1	6.5	6.3	171.66	72.9	407.3	906.7	895.5	11.25	80.596		
5,200.0	5,156.4	5,055.5	5,028.4	6.6	6.4	171.66	75.4	420.4	937.3	925.8	11.46	81.764		
5,300.0	5,254.9	5,150.8	5,122.7	6.7	6.5	171.67	77.9	433.4	967.8	956.1	11.68	82.876		
5,400.0	5,353.4	5,246.0	5,217.0	6.9	6.6	171.67	80.5	446.4	998.3	986.4	11.89	83.933		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #707H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9583-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Distance Between Ellipses (usft)			
0.0	0.0	0.1	0.1	3.0	3.0	144.35	-44.9	32.2	55.3				
100.0	100.0	100.1	100.1	3.0	3.0	144.35	-44.9	32.2	55.3	49.3	6.00	9.208	
200.0	200.0	200.1	200.1	3.0	3.0	144.35	-44.9	32.2	55.3	49.2	6.01	9.196	
300.0	300.0	300.1	300.1	3.0	3.0	144.35	-44.9	32.2	55.3	49.2	6.02	9.171	
400.0	400.0	400.1	400.1	3.0	3.0	144.35	-44.9	32.2	55.3	49.2	6.05	9.133	
500.0	500.0	500.1	500.1	3.1	3.1	144.35	-44.9	32.2	55.3	49.2	6.08	9.083	
600.0	600.0	600.1	600.1	3.1	3.1	144.35	-44.9	32.2	55.3	49.1	6.13	9.021	
700.0	700.0	700.1	700.1	3.1	3.1	144.35	-44.9	32.2	55.3	49.1	6.18	8.947	
800.0	800.0	800.1	800.1	3.2	3.2	144.35	-44.9	32.2	55.3	49.0	6.23	8.864	
900.0	900.0	900.1	900.1	3.2	3.2	144.35	-44.9	32.2	55.3	49.0	6.30	8.771	
1,000.0	1,000.0	1,000.1	1,000.1	3.2	3.2	144.35	-44.9	32.2	55.3	48.9	6.37	8.670	
1,100.0	1,100.0	1,100.1	1,100.1	3.3	3.3	144.35	-44.9	32.2	55.3	48.8	6.45	8.561	
1,200.0	1,200.0	1,200.1	1,200.1	3.4	3.4	144.35	-44.9	32.2	55.3	48.7	6.54	8.446	
1,300.0	1,300.0	1,300.1	1,300.1	3.4	3.4	144.35	-44.9	32.2	55.3	48.6	6.64	8.325	
1,400.0	1,400.0	1,400.1	1,400.1	3.5	3.5	144.35	-44.9	32.2	55.3	48.5	6.74	8.200	
1,500.0	1,500.0	1,500.1	1,500.1	3.5	3.5	144.35	-44.9	32.2	55.3	48.4	6.85	8.072	
1,600.0	1,600.0	1,600.1	1,600.1	3.6	3.6	144.35	-44.9	32.2	55.3	48.3	6.96	7.940	
1,700.0	1,700.0	1,700.1	1,700.1	3.7	3.7	144.35	-44.9	32.2	55.3	48.2	7.08	7.807	
1,800.0	1,800.0	1,800.1	1,800.1	3.8	3.8	144.35	-44.9	32.2	55.3	48.1	7.20	7.672	
1,900.0	1,900.0	1,900.1	1,900.1	3.9	3.9	144.35	-44.9	32.2	55.3	47.9	7.33	7.537	
2,000.0	2,000.0	2,000.1	2,000.1	3.9	3.9	144.35	-44.9	32.2	55.3	47.8	7.46	7.402 CC, ES, SF	
2,100.0	2,100.0	2,100.1	2,100.1	4.0	4.0	-134.38	-44.9	32.2	56.5	48.9	7.57	7.458	
2,200.0	2,199.8	2,199.9	2,199.9	4.0	4.1	-137.89	-44.9	32.2	60.2	52.6	7.62	7.904	
2,300.0	2,299.5	2,299.6	2,299.6	4.1	4.2	-142.81	-44.9	32.2	67.0	59.3	7.63	8.778	
2,400.0	2,398.7	2,398.8	2,398.8	4.1	4.3	-148.18	-44.9	32.2	77.0	69.4	7.61	10.120	
2,500.0	2,497.5	2,497.6	2,497.6	4.2	4.4	-153.25	-44.9	32.2	90.7	83.1	7.60	11.945	
2,600.0	2,595.9	2,594.4	2,594.4	4.2	4.5	-158.14	-44.0	33.5	107.3	99.7	7.56	14.186	
2,700.0	2,694.4	2,690.1	2,690.0	4.3	4.5	-162.96	-41.4	37.5	126.2	118.7	7.52	16.776	
2,800.0	2,792.9	2,785.7	2,785.2	4.3	4.6	-167.47	-37.2	43.9	147.6	140.1	7.50	19.667	
2,900.0	2,891.4	2,882.6	2,881.8	4.4	4.7	-171.07	-32.6	51.0	170.0	162.5	7.52	22.597	
3,000.0	2,989.9	2,979.6	2,978.4	4.5	4.7	-173.82	-28.0	58.1	193.0	185.4	7.58	25.467	
3,100.0	3,088.3	3,076.6	3,075.0	4.5	4.8	-175.99	-23.3	65.1	216.3	208.6	7.65	28.256	
3,200.0	3,186.8	3,173.5	3,171.6	4.6	4.9	-177.74	-18.7	72.2	239.8	232.0	7.75	30.953	
3,300.0	3,285.3	3,270.5	3,268.2	4.7	5.0	-179.18	-14.1	79.3	263.5	255.6	7.85	33.550	
3,400.0	3,383.8	3,367.4	3,364.8	4.8	5.1	179.63	-9.5	86.4	287.3	279.3	7.97	36.044	
3,500.0	3,482.3	3,464.4	3,461.4	4.9	5.1	178.61	-4.8	93.4	311.2	303.1	8.10	38.434	
3,600.0	3,580.8	3,561.3	3,557.9	4.9	5.2	177.74	-0.2	100.5	335.2	327.0	8.23	40.721	
3,700.0	3,679.2	3,658.3	3,654.5	5.0	5.3	176.98	4.4	107.6	359.3	350.9	8.37	42.905	
3,800.0	3,777.7	3,755.3	3,751.1	5.1	5.4	176.33	9.0	114.6	383.4	374.9	8.52	44.989	
3,900.0	3,876.2	3,852.2	3,847.7	5.2	5.5	175.74	13.7	121.7	407.6	398.9	8.68	46.976	
4,000.0	3,974.7	3,949.2	3,944.3	5.3	5.6	175.23	18.3	128.8	431.8	423.0	8.84	48.868	
4,100.0	4,073.2	4,046.1	4,040.9	5.4	5.7	174.77	22.9	135.9	456.0	447.0	9.00	50.669	
4,200.0	4,171.6	4,143.1	4,137.5	5.5	5.7	174.35	27.5	142.9	480.3	471.1	9.17	52.383	
4,300.0	4,270.1	4,240.1	4,234.1	5.6	5.8	173.97	32.2	150.0	504.6	495.2	9.34	54.014	
4,400.0	4,368.6	4,337.0	4,330.7	5.7	5.9	173.63	36.8	157.1	528.9	519.3	9.52	55.564	
4,500.0	4,467.1	4,434.0	4,427.2	5.8	6.0	173.32	41.4	164.1	553.2	543.5	9.70	57.038	
4,600.0	4,565.6	4,530.9	4,523.8	5.9	6.1	173.04	46.1	171.2	577.5	567.6	9.88	58.439	
4,700.0	4,664.0	4,627.9	4,620.4	6.0	6.2	172.78	50.7	178.3	601.8	591.8	10.07	59.771	
4,800.0	4,762.5	4,724.8	4,717.0	6.2	6.3	172.53	55.3	185.4	626.2	615.9	10.26	61.037	
4,900.0	4,861.0	4,821.8	4,813.6	6.3	6.4	172.31	59.9	192.4	650.5	640.1	10.45	62.241	
5,000.0	4,959.5	4,918.8	4,910.2	6.4	6.5	172.10	64.6	199.5	674.9	664.3	10.65	63.385	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #707H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9583-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Rule Assigned:										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Distance Between Centres		Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	(usft)		
5,100.0	5,058.0	5,015.7	5,006.8	6.5	6.6	171.91	69.2	206.6	699.3	688.4	10.85	64.473	
5,200.0	5,156.4	5,112.7	5,103.4	6.6	6.7	171.73	73.8	213.6	723.7	712.6	11.05	65.508	
5,300.0	5,254.9	5,209.6	5,200.0	6.7	6.8	171.56	78.4	220.7	748.1	736.8	11.25	66.493	
5,400.0	5,353.4	5,306.6	5,296.5	6.9	6.9	171.41	83.1	227.8	772.4	761.0	11.46	67.429	
5,500.0	5,451.9	5,403.5	5,393.1	7.0	7.1	171.26	87.7	234.9	796.8	785.2	11.66	68.321	
5,600.0	5,550.4	5,500.5	5,489.7	7.1	7.2	171.12	92.3	241.9	821.2	809.4	11.87	69.169	
5,700.0	5,648.9	5,597.5	5,586.3	7.2	7.3	170.99	96.9	249.0	845.7	833.6	12.08	69.977	
5,800.0	5,747.3	5,694.4	5,682.9	7.4	7.4	170.86	101.6	256.1	870.1	857.8	12.30	70.746	
5,900.0	5,845.8	5,791.4	5,779.5	7.5	7.5	170.75	106.2	263.1	894.5	882.0	12.51	71.479	
6,000.0	5,944.3	5,888.3	5,876.1	7.6	7.6	170.64	110.8	270.2	918.9	906.2	12.73	72.178	
6,100.0	6,042.8	5,985.3	5,972.7	7.8	7.7	170.53	115.4	277.3	943.3	930.4	12.95	72.843	
6,200.0	6,141.3	6,085.5	6,072.5	7.9	7.8	170.43	120.2	284.6	967.7	954.5	13.17	73.479	
6,300.0	6,239.7	6,199.4	6,186.1	8.0	7.9	170.37	124.8	291.5	991.0	977.6	13.39	74.014	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #708H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program:		0-Standard Keeper 104, 9814-MWD+IFR1+FDIR					Rule Assigned:			Offset Well Error:		3.0 usft		
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.0	0.0	0.0	0.0	3.0	3.0	177.20	-45.0	2.2	45.1					
100.0	100.0	99.7	99.7	3.0	3.0	177.20	-45.0	2.2	45.1	39.1	6.00	7.508		
200.0	200.0	199.7	199.7	3.0	3.0	177.20	-45.0	2.2	45.1	39.0	6.01	7.495		
300.0	300.0	299.7	299.7	3.0	3.0	177.20	-45.0	2.2	45.1	39.0	6.03	7.469		
400.0	400.0	399.7	399.7	3.0	3.0	177.20	-45.0	2.2	45.1	39.0	6.07	7.428		
500.0	500.0	499.7	499.7	3.1	3.1	177.20	-45.0	2.2	45.1	38.9	6.11	7.374		
600.0	600.0	599.7	599.7	3.1	3.1	177.20	-45.0	2.2	45.1	38.9	6.16	7.308		
700.0	700.0	699.7	699.7	3.1	3.1	177.20	-45.0	2.2	45.1	38.8	6.23	7.231		
800.0	800.0	799.7	799.7	3.2	3.2	177.20	-45.0	2.2	45.1	38.7	6.31	7.144		
900.0	900.0	899.7	899.7	3.2	3.2	177.20	-45.0	2.2	45.1	38.7	6.39	7.048		
1,000.0	1,000.0	999.7	999.7	3.2	3.2	177.20	-45.0	2.2	45.1	38.6	6.49	6.944		
1,100.0	1,100.0	1,099.7	1,099.7	3.3	3.3	177.20	-45.0	2.2	45.1	38.5	6.59	6.833		
1,200.0	1,200.0	1,199.7	1,199.7	3.4	3.4	177.20	-45.0	2.2	45.1	38.3	6.71	6.718		
1,300.0	1,300.0	1,299.7	1,299.7	3.4	3.4	177.20	-45.0	2.2	45.1	38.2	6.83	6.598		
1,400.0	1,400.0	1,399.7	1,399.7	3.5	3.5	177.20	-45.0	2.2	45.1	38.1	6.96	6.475		
1,500.0	1,500.0	1,499.7	1,499.7	3.5	3.5	177.20	-45.0	2.2	45.1	38.0	7.10	6.350		
1,600.0	1,600.0	1,599.7	1,599.7	3.6	3.6	177.20	-45.0	2.2	45.1	37.8	7.24	6.224		
1,700.0	1,700.0	1,699.7	1,699.7	3.7	3.7	177.20	-45.0	2.2	45.1	37.7	7.39	6.097		
1,800.0	1,800.0	1,799.7	1,799.7	3.8	3.8	177.20	-45.0	2.2	45.1	37.5	7.55	5.970		
1,900.0	1,900.0	1,899.7	1,899.7	3.9	3.9	177.20	-45.0	2.2	45.1	37.3	7.71	5.844		
2,000.0	2,000.0	1,999.7	1,999.7	3.9	3.9	177.20	-45.0	2.2	45.1	37.2	7.88	5.719 CC, ES		
2,100.0	2,100.0	2,099.7	2,099.7	4.0	4.0	-102.42	-45.0	2.2	45.4	37.4	8.02	5.661		
2,200.0	2,199.8	2,199.5	2,199.5	4.0	4.1	-108.66	-45.0	2.2	46.8	38.7	8.12	5.767		
2,300.0	2,299.5	2,299.2	2,299.2	4.1	4.2	-118.02	-45.0	2.2	50.3	42.1	8.15	6.168		
2,400.0	2,398.7	2,398.4	2,398.4	4.1	4.3	-128.73	-45.0	2.2	57.0	48.9	8.10	7.042		
2,500.0	2,497.5	2,497.2	2,497.2	4.2	4.4	-138.87	-45.0	2.2	68.0	60.0	8.00	8.503		
2,600.0	2,595.9	2,598.3	2,598.3	4.2	4.5	-147.34	-43.6	1.2	80.4	72.4	7.91	10.158		
2,700.0	2,694.4	2,700.2	2,700.0	4.3	4.6	-154.31	-39.3	-1.8	90.7	82.8	7.86	11.544		
2,800.0	2,792.9	2,800.7	2,800.2	4.3	4.7	-160.53	-32.4	-6.5	99.3	91.5	7.81	12.711		
2,900.0	2,891.4	2,899.9	2,899.0	4.4	4.7	-165.77	-25.3	-11.4	108.5	100.7	7.80	13.918		
3,000.0	2,989.9	2,999.0	2,997.7	4.5	4.8	-170.16	-18.2	-16.3	118.5	110.7	7.81	15.179		
3,100.0	3,088.3	3,098.1	3,096.5	4.5	4.9	-173.85	-11.1	-21.3	129.1	121.2	7.84	16.467		
3,200.0	3,186.8	3,197.2	3,195.2	4.6	5.0	-176.98	-4.0	-26.2	140.1	132.2	7.89	17.761		
3,300.0	3,285.3	3,296.3	3,293.9	4.7	5.1	-179.65	3.1	-31.1	151.5	143.5	7.95	19.049		
3,400.0	3,383.8	3,395.5	3,392.7	4.8	5.2	178.06	10.2	-36.0	163.1	155.1	8.03	20.321		
3,500.0	3,482.3	3,494.6	3,491.4	4.9	5.3	176.08	17.3	-40.9	175.0	166.9	8.11	21.571		
3,600.0	3,580.8	3,593.7	3,590.2	4.9	5.4	174.35	24.5	-45.8	187.1	178.9	8.21	22.792		
3,700.0	3,679.2	3,692.8	3,688.9	5.0	5.5	172.83	31.6	-50.7	199.3	191.0	8.31	23.982		
3,800.0	3,777.7	3,791.9	3,787.7	5.1	5.6	171.48	38.7	-55.6	211.6	203.2	8.42	25.137		
3,900.0	3,876.2	3,891.1	3,886.4	5.2	5.7	170.28	45.8	-60.6	224.1	215.5	8.53	26.257		
4,000.0	3,974.7	3,990.2	3,985.2	5.3	5.8	169.21	52.9	-65.5	236.6	227.9	8.65	27.341		
4,100.0	4,073.2	4,089.3	4,083.9	5.4	5.9	168.25	60.0	-70.4	249.2	240.4	8.78	28.386		
4,200.0	4,171.6	4,188.4	4,182.6	5.5	6.0	167.38	67.1	-75.3	261.8	252.9	8.91	29.394		
4,300.0	4,270.1	4,287.6	4,281.4	5.6	6.1	166.59	74.2	-80.2	274.5	265.5	9.04	30.365		
4,400.0	4,368.6	4,386.7	4,380.1	5.7	6.2	165.87	81.3	-85.1	287.3	278.1	9.18	31.298		
4,500.0	4,467.1	4,485.8	4,478.9	5.8	6.3	165.21	88.4	-90.0	300.1	290.8	9.32	32.194		
4,600.0	4,565.6	4,584.9	4,577.6	5.9	6.4	164.61	95.5	-95.0	312.9	303.5	9.47	33.054		
4,700.0	4,664.0	4,684.0	4,676.4	6.0	6.5	164.05	102.6	-99.9	325.8	316.2	9.62	33.879		
4,800.0	4,762.5	4,783.2	4,775.1	6.2	6.7	163.54	109.7	-104.8	338.7	328.9	9.77	34.669		
4,900.0	4,861.0	4,880.6	4,872.2	6.3	6.8	163.12	116.4	-109.4	351.8	341.8	9.93	35.436		
5,000.0	4,959.5	4,977.0	4,968.4	6.4	6.9	162.96	121.8	-113.1	365.5	355.4	10.09	36.220		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #708H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9814-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Vertical	Offset	Vertical	Semi Major Axis	Offset	Highside	Offset Wellbore Centre		Rule Assigned:		Minimum	Separation	Warning
Measured	Depth	Depth	Depth	Reference	Offset	Toolface	+N/-S	+E/-W	Between	Between	Separation	Factor	
Depth	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres	Ellipses	(usft)		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
5,100.0	5,058.0	5,073.3	5,064.6	6.5	7.0	163.03	125.8	-115.9	380.0	369.7	10.26	37.028	
5,200.0	5,156.4	5,169.3	5,160.5	6.6	7.1	163.32	128.5	-117.7	395.2	384.8	10.44	37.858	
5,300.0	5,254.9	5,265.0	5,256.2	6.7	7.2	163.78	129.8	-118.7	411.1	400.5	10.62	38.699	
5,400.0	5,353.4	5,361.9	5,353.1	6.9	7.3	164.39	130.0	-118.8	427.8	416.9	10.81	39.573	
5,500.0	5,451.9	5,460.4	5,451.6	7.0	7.4	164.99	130.0	-118.8	444.5	433.5	10.99	40.450	
5,600.0	5,550.4	5,558.9	5,550.1	7.1	7.5	165.55	130.0	-118.8	461.3	450.2	11.17	41.300	
5,700.0	5,648.9	5,657.4	5,648.6	7.2	7.7	166.07	130.0	-118.8	478.2	466.8	11.35	42.124	
5,800.0	5,747.3	5,755.8	5,747.0	7.4	7.8	166.55	130.0	-118.8	495.1	483.5	11.53	42.923	
5,900.0	5,845.8	5,854.3	5,845.5	7.5	7.9	167.00	130.0	-118.8	512.0	500.3	11.72	43.697	
6,000.0	5,944.3	5,952.8	5,944.0	7.6	8.0	167.43	130.0	-118.8	528.9	517.0	11.90	44.448	
6,100.0	6,042.8	6,051.3	6,042.5	7.8	8.1	167.82	130.0	-118.8	545.9	533.8	12.08	45.177	
6,200.0	6,141.3	6,149.8	6,141.0	7.9	8.2	168.20	130.0	-118.8	562.9	550.6	12.27	45.884	
6,300.0	6,239.7	6,248.2	6,239.4	8.0	8.4	168.55	130.0	-118.8	579.9	567.5	12.45	46.570	
6,400.0	6,338.2	6,346.7	6,337.9	8.2	8.5	168.88	130.0	-118.8	597.0	584.3	12.64	47.235	
6,500.0	6,436.7	6,445.2	6,436.4	8.3	8.6	169.19	130.0	-118.8	614.0	601.2	12.82	47.881	
6,600.0	6,535.2	6,543.7	6,534.9	8.4	8.7	169.49	130.0	-118.8	631.1	618.1	13.01	48.508	
6,700.0	6,633.7	6,642.2	6,633.4	8.6	8.8	169.77	130.0	-118.8	648.2	635.0	13.20	49.117	
6,800.0	6,732.1	6,740.7	6,731.8	8.7	9.0	170.03	130.0	-118.8	665.3	651.9	13.38	49.708	
6,900.0	6,830.6	6,839.1	6,830.3	8.9	9.1	170.28	130.0	-118.8	682.4	668.8	13.57	50.283	
7,000.0	6,929.1	6,937.6	6,928.8	9.0	9.2	170.52	130.0	-118.8	699.5	685.8	13.76	50.841	
7,100.0	7,027.6	7,036.1	7,027.3	9.2	9.3	170.75	130.0	-118.8	716.7	702.7	13.95	51.383	
7,200.0	7,126.1	7,134.6	7,125.8	9.3	9.4	170.97	130.0	-118.8	733.8	719.7	14.14	51.910	
7,300.0	7,224.5	7,233.1	7,224.2	9.5	9.6	171.18	130.0	-118.8	751.0	736.7	14.33	52.423	
7,335.3	7,259.3	7,267.9	7,259.0	9.5	9.6	171.25	130.0	-118.8	757.0	742.7	14.39	52.601	
7,400.0	7,323.1	7,331.6	7,322.8	9.6	9.7	171.39	130.0	-118.8	767.8	753.3	14.51	52.898	
7,500.0	7,421.9	7,430.4	7,421.6	9.8	9.8	171.58	130.0	-118.8	783.0	768.3	14.70	53.258	
7,600.0	7,521.0	7,529.5	7,520.7	9.9	9.9	171.74	130.0	-118.8	796.5	781.7	14.89	53.499	
7,700.0	7,620.2	7,628.8	7,619.9	10.1	10.0	171.88	130.0	-118.8	808.4	793.3	15.07	53.627	
7,800.0	7,719.7	7,728.2	7,719.4	10.2	10.2	172.00	130.0	-118.8	818.5	803.2	15.26	53.644	
7,900.0	7,819.4	7,827.9	7,819.1	10.3	10.3	172.09	130.0	-118.8	826.8	811.4	15.44	53.555	
8,000.0	7,919.1	7,927.6	7,918.8	10.4	10.4	172.16	130.0	-118.8	833.5	817.9	15.62	53.363	
8,100.0	8,019.0	8,027.5	8,018.7	10.5	10.5	172.22	130.0	-118.8	838.4	822.6	15.80	53.072	
8,200.0	8,118.9	8,127.5	8,118.6	10.5	10.7	172.25	130.0	-118.8	841.6	825.7	15.97	52.686	
8,300.0	8,218.9	8,227.4	8,218.6	10.6	10.8	172.27	130.0	-118.8	843.1	827.0	16.15	52.205	
8,335.3	8,254.3	8,262.8	8,254.0	10.6	10.8	89.73	130.0	-118.8	843.2	827.0	16.20	52.055	
8,400.0	8,318.9	8,327.4	8,318.6	10.7	10.9	89.73	130.0	-118.8	843.2	826.9	16.26	51.847	
8,500.0	8,418.9	8,427.4	8,418.6	10.8	11.0	89.73	130.0	-118.8	843.2	826.8	16.36	51.526	
8,600.0	8,518.9	8,527.4	8,518.6	10.9	11.2	89.73	130.0	-118.8	843.2	826.7	16.47	51.208	
8,700.0	8,618.9	8,627.4	8,618.6	11.0	11.3	89.73	130.0	-118.8	843.2	826.6	16.57	50.892	
8,800.0	8,718.9	8,727.4	8,718.6	11.1	11.4	89.73	130.0	-118.8	843.2	826.5	16.67	50.579	
8,900.0	8,818.9	8,827.4	8,818.6	11.2	11.5	89.73	130.0	-118.8	843.2	826.4	16.77	50.268	
9,000.0	8,918.9	8,927.4	8,918.6	11.3	11.7	89.73	130.0	-118.8	843.2	826.3	16.88	49.959	
9,100.0	9,018.9	9,027.4	9,018.6	11.3	11.8	89.73	130.0	-118.8	843.2	826.2	16.98	49.652	
9,200.0	9,118.9	9,127.4	9,118.6	11.4	11.9	89.73	130.0	-118.8	843.2	826.1	17.09	49.348	
9,300.0	9,218.9	9,227.4	9,218.6	11.5	12.0	89.73	130.0	-118.8	843.2	826.0	17.19	49.047	
9,400.0	9,318.9	9,327.4	9,318.6	11.6	12.2	89.73	130.0	-118.8	843.2	825.9	17.30	48.747	
9,500.0	9,418.9	9,427.4	9,418.6	11.7	12.3	89.73	130.0	-118.8	843.2	825.8	17.40	48.450	
9,600.0	9,518.9	9,527.4	9,518.6	11.8	12.4	89.73	130.0	-118.8	843.2	825.7	17.51	48.156	
9,700.0	9,618.9	9,627.4	9,618.6	11.9	12.5	89.73	130.0	-118.8	843.2	825.6	17.62	47.864	
9,800.0	9,718.9	9,727.4	9,718.6	12.0	12.7	89.73	130.0	-118.8	843.2	825.5	17.72	47.574	
9,871.1	9,790.0	9,798.5	9,789.7	12.1	12.8	89.73	130.0	-118.8	843.2	825.4	17.79	47.405	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #708H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9814-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)					
9,900.0	9,818.9	9,826.7	9,817.9	12.1	12.8	-87.62	129.9	-118.8	843.2	825.4	17.79	47.390	
9,950.0	9,868.7	9,873.9	9,864.9	12.1	12.8	-87.72	126.9	-118.7	843.1	825.3	17.79	47.389	
10,000.0	9,917.9	9,921.2	9,911.7	12.1	12.8	-87.84	120.0	-118.3	843.0	825.3	17.80	47.371	
10,050.0	9,966.0	9,968.6	9,957.9	12.1	12.8	-87.98	109.3	-117.8	843.0	825.2	17.81	47.331	
10,100.0	10,012.9	10,016.2	10,003.2	12.1	12.8	-88.14	94.8	-117.2	842.9	825.1	17.83	47.262	
10,150.0	10,058.0	10,064.0	10,047.3	12.2	12.8	-88.30	76.4	-116.3	842.8	824.9	17.87	47.159	
10,200.0	10,101.2	10,112.0	10,089.9	12.2	12.9	-88.48	54.4	-115.3	842.7	824.8	17.93	47.013	
10,250.0	10,141.9	10,160.2	10,130.7	12.2	12.9	-88.67	28.8	-114.1	842.6	824.6	18.00	46.814	
10,300.0	10,180.0	10,208.6	10,169.3	12.3	13.0	-88.87	-0.4	-112.7	842.6	824.5	18.10	46.554	
10,350.0	10,215.1	10,257.2	10,205.5	12.3	13.0	-89.08	-32.8	-111.2	842.5	824.3	18.23	46.223	
10,400.0	10,246.9	10,306.1	10,239.0	12.4	13.0	-89.30	-68.4	-109.6	842.4	824.0	18.39	45.815	
10,450.0	10,275.3	10,355.3	10,269.5	12.5	13.1	-89.52	-106.9	-107.8	842.4	823.8	18.59	45.325	
10,500.0	10,300.0	10,404.7	10,296.7	12.5	13.1	-89.75	-148.1	-105.8	842.3	823.5	18.82	44.754	
10,550.0	10,320.8	10,454.5	10,320.4	12.6	13.2	-89.98	-191.8	-103.8	842.3	823.2	19.10	44.105	
10,600.0	10,337.6	10,504.5	10,340.3	12.7	13.2	-90.21	-237.6	-101.7	842.3	822.9	19.41	43.387	
10,636.5	10,347.2	10,541.2	10,352.4	12.7	13.3	-90.38	-272.2	-100.0	842.3	822.6	19.67	42.820	
10,650.0	10,350.2	10,554.8	10,356.3	12.7	13.3	-90.44	-285.3	-99.4	842.3	822.5	19.77	42.610	
10,700.0	10,358.6	10,605.4	10,368.0	12.8	13.3	-90.67	-334.4	-97.1	842.3	822.1	20.16	41.789	
10,750.0	10,362.6	10,656.4	10,375.3	12.8	13.4	-90.89	-384.7	-94.8	842.3	821.7	20.57	40.940	
10,773.3	10,363.0	10,680.2	10,377.3	12.9	13.4	-90.99	-408.5	-93.7	842.3	821.6	20.78	40.554	
10,800.0	10,362.8	10,707.6	10,378.2	12.9	13.4	-91.07	-435.8	-92.4	842.3	821.3	21.01	40.086	
10,900.0	10,362.5	10,807.8	10,377.8	13.1	13.4	-91.07	-536.0	-87.7	842.3	820.3	21.95	38.376	
11,000.0	10,362.1	10,907.8	10,377.4	13.3	13.4	-91.06	-635.9	-83.1	842.2	819.3	22.97	36.659	
11,100.0	10,361.7	11,007.8	10,376.9	13.6	13.5	-91.06	-735.7	-78.4	842.2	818.1	24.08	34.973	
11,200.0	10,361.3	11,107.8	10,376.4	14.0	13.5	-91.05	-835.6	-73.8	842.1	816.9	25.26	33.343	
11,300.0	10,360.9	11,207.8	10,376.0	14.5	13.6	-91.05	-935.5	-69.1	842.1	815.6	26.49	31.785	
11,400.0	10,360.5	11,307.8	10,375.5	15.0	13.7	-91.04	-1,035.4	-64.5	842.1	814.3	27.78	30.310	
11,500.0	10,360.1	11,407.8	10,375.1	15.6	14.0	-91.04	-1,135.3	-59.8	842.0	812.9	29.11	28.920	
11,600.0	10,359.7	11,507.8	10,374.6	16.2	14.6	-91.03	-1,235.2	-55.1	842.0	811.5	30.49	27.617	
11,700.0	10,359.3	11,607.8	10,374.1	16.9	15.2	-91.03	-1,335.1	-50.5	841.9	810.0	31.89	26.397	
11,800.0	10,358.9	11,707.8	10,373.7	17.5	15.9	-91.03	-1,435.0	-45.8	841.9	808.5	33.33	25.258	
11,900.0	10,358.5	11,807.8	10,373.2	18.2	16.7	-91.02	-1,534.9	-41.2	841.8	807.0	34.79	24.195	
12,000.0	10,358.1	11,907.8	10,372.7	18.9	17.4	-91.02	-1,634.8	-36.5	841.8	805.5	36.28	23.203	
12,100.0	10,357.7	12,007.8	10,372.3	19.6	18.2	-91.01	-1,734.6	-31.9	841.7	803.9	37.78	22.277	
12,200.0	10,357.3	12,107.8	10,371.8	20.4	19.0	-91.01	-1,834.5	-27.2	841.7	802.4	39.31	21.412	
12,300.0	10,356.9	12,207.8	10,371.4	21.1	19.8	-91.00	-1,934.4	-22.5	841.6	800.8	40.85	20.603	
12,400.0	10,356.5	12,307.8	10,370.9	21.9	20.6	-91.00	-2,034.3	-17.9	841.6	799.2	42.40	19.847	
12,500.0	10,356.1	12,407.8	10,370.4	22.6	21.4	-90.99	-2,134.2	-13.2	841.5	797.6	43.97	19.139	
12,600.0	10,355.7	12,507.8	10,370.0	23.4	22.2	-90.99	-2,234.1	-8.6	841.5	795.9	45.55	18.474	
12,700.0	10,355.3	12,607.8	10,369.5	24.2	23.0	-90.99	-2,334.0	-3.9	841.4	794.3	47.14	17.851	
12,800.0	10,355.0	12,707.8	10,369.1	25.0	23.8	-90.98	-2,433.9	0.8	841.4	792.6	48.74	17.264	
12,900.0	10,354.6	12,807.8	10,368.6	25.8	24.6	-90.98	-2,533.8	5.4	841.3	791.0	50.34	16.712	
13,000.0	10,354.2	12,907.8	10,368.1	26.6	25.4	-90.97	-2,633.7	10.1	841.3	789.3	51.96	16.192	
13,100.0	10,353.8	13,007.8	10,367.7	27.3	26.2	-90.97	-2,733.5	14.7	841.2	787.7	53.58	15.701	
13,200.0	10,353.4	13,107.8	10,367.2	28.2	27.1	-90.96	-2,833.4	19.4	841.2	786.0	55.21	15.237	
13,300.0	10,353.0	13,207.8	10,366.7	29.0	27.9	-90.96	-2,933.3	24.0	841.1	784.3	56.84	14.799	
13,400.0	10,352.6	13,307.8	10,366.3	29.8	28.7	-90.95	-3,033.2	28.7	841.1	782.6	58.48	14.383	
13,500.0	10,352.2	13,407.8	10,365.8	30.6	29.6	-90.95	-3,133.1	33.4	841.1	780.9	60.12	13.989	
13,600.0	10,351.8	13,507.8	10,365.4	31.4	30.4	-90.94	-3,233.0	38.0	841.0	779.2	61.77	13.615	
13,700.0	10,351.4	13,607.8	10,364.9	32.2	31.2	-90.94	-3,332.9	42.7	841.0	777.5	63.42	13.259	
13,800.0	10,351.0	13,707.8	10,364.4	33.0	32.1	-90.94	-3,432.8	47.3	840.9	775.8	65.08	12.921	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #708H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9814-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Vertical	Measured	Vertical	Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Rule Assigned:		Warning	
Measured	Depth	Depth	Depth	Reference	Offset	Offset	Toolface	+N/-S	+E/-W	Between	Between	Minimum	Separation
Depth	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres	Ellipses	Separation	Factor
(usft)		(usft)	(usft)							(usft)	(usft)	(usft)	
13,900.0	10,350.6	13,807.8	10,364.0	33.8	32.9	-90.93	-90.93	-3,532.7	52.0	840.9	774.1	66.74	12.599
14,000.0	10,350.2	13,907.8	10,363.5	34.7	33.7	-90.93	-90.93	-3,632.6	56.7	840.8	772.4	68.40	12.292
14,100.0	10,349.8	14,007.8	10,363.0	35.5	34.6	-90.92	-90.92	-3,732.5	61.3	840.8	770.7	70.07	11.999
14,200.0	10,349.4	14,107.8	10,362.6	36.3	35.4	-90.92	-90.92	-3,832.3	66.0	840.7	769.0	71.74	11.719
14,300.0	10,349.0	14,207.8	10,362.1	37.2	36.3	-90.91	-90.91	-3,932.2	70.6	840.7	767.3	73.41	11.452
14,400.0	10,348.6	14,307.8	10,361.7	38.0	37.1	-90.91	-90.91	-4,032.1	75.3	840.6	765.5	75.08	11.196
14,500.0	10,348.2	14,407.8	10,361.2	38.8	37.9	-90.90	-90.90	-4,132.0	79.9	840.6	763.8	76.76	10.951
14,600.0	10,347.8	14,507.8	10,360.7	39.6	38.8	-90.90	-90.90	-4,231.9	84.6	840.5	762.1	78.44	10.716
14,700.0	10,347.5	14,607.8	10,360.3	40.5	39.6	-90.89	-90.89	-4,331.8	89.3	840.5	760.4	80.12	10.490
14,800.0	10,347.1	14,707.8	10,359.8	41.3	40.5	-90.89	-90.89	-4,431.7	93.9	840.4	758.6	81.80	10.274
14,900.0	10,346.7	14,807.8	10,359.3	42.2	41.3	-90.89	-90.89	-4,531.6	98.6	840.4	756.9	83.49	10.066
15,000.0	10,346.3	14,907.8	10,358.9	43.0	42.2	-90.88	-90.88	-4,631.5	103.2	840.3	755.2	85.17	9.866
15,100.0	10,345.9	15,007.8	10,358.4	43.8	43.0	-90.88	-90.88	-4,731.4	107.9	840.3	753.4	86.86	9.674
15,200.0	10,345.5	15,107.8	10,358.0	44.7	43.9	-90.87	-90.87	-4,831.2	112.5	840.2	751.7	88.55	9.489
15,300.0	10,345.1	15,207.8	10,357.5	45.5	44.7	-90.87	-90.87	-4,931.1	117.2	840.2	750.0	90.24	9.310
15,400.0	10,344.7	15,307.8	10,357.0	46.4	45.6	-90.86	-90.86	-5,031.0	121.9	840.1	748.2	91.93	9.139
15,473.3	10,344.4	15,381.1	10,356.7	47.0	46.2	-90.86	-90.86	-5,104.2	125.3	840.1	746.9	93.17	9.017
15,474.6	10,344.4	15,382.5	10,356.7	47.0	46.2	-90.86	-90.86	-5,105.6	125.3	840.1	746.9	93.20	9.014
15,500.0	10,344.3	15,407.8	10,356.6	47.2	46.4	-90.86	-90.86	-5,130.9	126.5	840.2	746.6	93.63	8.974
15,600.0	10,343.9	15,542.7	10,356.0	48.0	47.6	-90.84	-90.84	-5,265.7	130.3	841.1	745.5	95.57	8.801
15,632.3	10,343.8	15,588.4	10,355.7	48.3	48.0	-90.84	-90.84	-5,311.4	130.2	841.1	744.9	96.17	8.746
15,636.7	10,343.8	15,594.7	10,355.7	48.3	48.0	-90.84	-90.84	-5,317.7	130.1	841.1	744.8	96.25	8.738
15,700.0	10,343.5	15,654.3	10,355.4	48.9	48.5	-90.83	-90.83	-5,377.3	129.6	841.1	743.8	97.30	8.644
15,800.0	10,343.1	15,754.3	10,355.0	49.7	49.4	-90.83	-90.83	-5,477.3	128.8	841.1	742.1	98.99	8.497
15,900.0	10,342.7	15,854.3	10,354.5	50.5	50.2	-90.83	-90.83	-5,577.3	127.9	841.1	740.4	100.67	8.355
16,000.0	10,342.3	15,954.3	10,354.1	51.4	51.1	-90.82	-90.82	-5,677.3	127.1	841.0	738.7	102.36	8.217
16,100.0	10,341.9	16,054.3	10,353.6	52.2	51.9	-90.82	-90.82	-5,777.2	126.2	841.0	737.0	104.04	8.084
16,200.0	10,341.5	16,154.3	10,353.1	53.1	52.7	-90.81	-90.81	-5,877.2	125.3	841.0	735.3	105.73	7.954
16,300.0	10,341.1	16,254.3	10,352.7	53.9	53.6	-90.81	-90.81	-5,977.2	124.5	841.0	733.6	107.42	7.829
16,400.0	10,340.7	16,354.3	10,352.2	54.7	54.4	-90.81	-90.81	-6,077.2	123.6	841.0	731.9	109.10	7.708
16,500.0	10,340.3	16,454.3	10,351.8	55.6	55.3	-90.80	-90.80	-6,177.2	122.8	840.9	730.2	110.79	7.590
16,600.0	10,339.9	16,554.3	10,351.3	56.4	56.1	-90.80	-90.80	-6,277.2	121.9	840.9	728.4	112.48	7.476
16,700.0	10,339.5	16,654.3	10,350.8	57.3	57.0	-90.79	-90.79	-6,377.2	121.0	840.9	726.7	114.17	7.365
16,800.0	10,339.1	16,754.3	10,350.4	58.1	57.8	-90.79	-90.79	-6,477.2	120.2	840.9	725.0	115.87	7.257
16,900.0	10,338.7	16,854.3	10,349.9	59.0	58.7	-90.78	-90.78	-6,577.2	119.3	840.9	723.3	117.56	7.153
17,000.0	10,338.3	16,954.3	10,349.5	59.8	59.5	-90.78	-90.78	-6,677.2	118.4	840.9	721.6	119.25	7.051
17,100.0	10,337.9	17,054.3	10,349.0	60.6	60.4	-90.78	-90.78	-6,777.2	117.6	840.8	719.9	120.95	6.952
17,200.0	10,337.5	17,154.3	10,348.5	61.5	61.2	-90.77	-90.77	-6,877.2	116.7	840.8	718.2	122.64	6.856
17,300.0	10,337.1	17,254.3	10,348.1	62.3	62.1	-90.77	-90.77	-6,977.2	115.9	840.8	716.5	124.34	6.762
17,400.0	10,336.7	17,354.3	10,347.6	63.2	62.9	-90.76	-90.76	-7,077.2	115.0	840.8	714.7	126.03	6.671
17,500.0	10,336.3	17,454.3	10,347.2	64.0	63.8	-90.76	-90.76	-7,177.2	114.1	840.8	713.0	127.73	6.582
17,600.0	10,335.9	17,554.3	10,346.7	64.9	64.6	-90.76	-90.76	-7,277.2	113.3	840.7	711.3	129.42	6.496
17,700.0	10,335.5	17,654.3	10,346.2	65.7	65.5	-90.75	-90.75	-7,377.2	112.4	840.7	709.6	131.12	6.412
17,800.0	10,335.1	17,754.3	10,345.8	66.6	66.3	-90.75	-90.75	-7,477.2	111.6	840.7	707.9	132.82	6.330
17,900.0	10,334.7	17,854.3	10,345.3	67.4	67.2	-90.74	-90.74	-7,577.2	110.7	840.7	706.2	134.52	6.250
18,000.0	10,334.3	17,954.3	10,344.8	68.3	68.0	-90.74	-90.74	-7,677.2	109.8	840.7	704.4	136.21	6.172
18,100.0	10,333.9	18,054.3	10,344.4	69.1	68.9	-90.73	-90.73	-7,777.2	109.0	840.6	702.7	137.91	6.095
18,200.0	10,333.5	18,154.3	10,343.9	70.0	69.7	-90.73	-90.73	-7,877.1	108.1	840.6	701.0	139.61	6.021
18,300.0	10,333.1	18,254.3	10,343.5	70.8	70.6	-90.73	-90.73	-7,977.1	107.2	840.6	699.3	141.31	5.949
18,400.0	10,332.7	18,354.3	10,343.0	71.6	71.4	-90.72	-90.72	-8,077.1	106.4	840.6	697.6	143.01	5.878
18,500.0	10,332.3	18,454.3	10,342.5	72.5	72.3	-90.72	-90.72	-8,177.1	105.5	840.6	695.9	144.71	5.809

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #708H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program:		0-Standard Keeper 104, 9814-MWD+IFR1+FDIR						Rule Assigned:				Offset Well Error:	3.0 usft	
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Warning						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
18,600.0	10,331.9	18,554.3	10,342.1	73.3	73.1	-90.71	-8,277.1	104.7	840.5	694.1	146.41	5.741		
18,700.0	10,331.5	18,654.3	10,341.6	74.2	74.0	-90.71	-8,377.1	103.8	840.5	692.4	148.11	5.675		
18,800.0	10,331.1	18,754.3	10,341.2	75.0	74.8	-90.71	-8,477.1	102.9	840.5	690.7	149.82	5.610		
18,900.0	10,330.7	18,854.3	10,340.7	75.9	75.7	-90.70	-8,577.1	102.1	840.5	689.0	151.52	5.547		
19,000.0	10,330.3	18,954.3	10,340.2	76.7	76.5	-90.70	-8,677.1	101.2	840.5	687.2	153.22	5.485		
19,100.0	10,329.9	19,054.3	10,339.8	77.6	77.4	-90.69	-8,777.1	100.3	840.4	685.5	154.92	5.425		
19,200.0	10,329.5	19,154.3	10,339.3	78.4	78.3	-90.69	-8,877.1	99.5	840.4	683.8	156.63	5.366		
19,300.0	10,329.1	19,254.3	10,338.9	79.3	79.1	-90.69	-8,977.1	98.6	840.4	682.1	158.33	5.308		
19,400.0	10,328.7	19,354.3	10,338.4	80.1	80.0	-90.68	-9,077.1	97.8	840.4	680.4	160.03	5.251		
19,500.0	10,328.3	19,454.3	10,337.9	81.0	80.8	-90.68	-9,177.1	96.9	840.4	678.6	161.74	5.196		
19,600.0	10,327.9	19,554.3	10,337.5	81.8	81.7	-90.67	-9,277.1	96.0	840.4	676.9	163.44	5.142		
19,700.0	10,327.5	19,654.3	10,337.0	82.7	82.5	-90.67	-9,377.1	95.2	840.3	675.2	165.14	5.089		
19,800.0	10,327.1	19,754.3	10,336.6	83.5	83.4	-90.66	-9,477.1	94.3	840.3	673.5	166.85	5.036		
19,900.0	10,326.7	19,854.3	10,336.1	84.4	84.2	-90.66	-9,577.1	93.5	840.3	671.7	168.55	4.985		
20,000.0	10,326.3	19,954.3	10,335.6	85.2	85.1	-90.66	-9,677.1	92.6	840.3	670.0	170.26	4.935		
20,100.0	10,325.9	20,054.3	10,335.2	86.1	85.9	-90.65	-9,777.1	91.7	840.3	668.3	171.96	4.886		
20,200.0	10,325.5	20,154.3	10,334.7	86.9	86.8	-90.65	-9,877.1	90.9	840.2	666.6	173.67	4.838		
20,300.0	10,325.1	20,254.3	10,334.3	87.8	87.6	-90.64	-9,977.0	90.0	840.2	664.8	175.37	4.791		
20,400.0	10,324.7	20,354.3	10,333.8	88.6	88.5	-90.64	-10,077.0	89.1	840.2	663.1	177.08	4.745		
20,500.0	10,324.3	20,454.3	10,333.3	89.5	89.3	-90.64	-10,177.0	88.3	840.2	661.4	178.78	4.699		
20,600.0	10,323.9	20,554.3	10,332.9	90.4	90.2	-90.63	-10,277.0	87.4	840.2	659.7	180.49	4.655		
20,700.0	10,323.5	20,654.3	10,332.4	91.2	91.1	-90.63	-10,377.0	86.6	840.1	657.9	182.20	4.611		
20,800.0	10,323.1	20,754.3	10,332.0	92.1	91.9	-90.62	-10,477.0	85.7	840.1	656.2	183.90	4.568		
20,829.3	10,323.0	20,783.5	10,331.8	92.3	92.2	-90.62	-10,506.3	85.4	840.1	655.7	184.40	4.556		
20,855.6	10,322.9	20,805.0	10,331.7	92.5	92.3	-90.62	-10,527.8	85.3	840.1	655.2	184.83	4.545		
20,877.1	10,322.8	20,823.5	10,331.6	92.7	92.5	-90.62	-10,546.3	85.3	840.0	654.8	185.18	4.536		
20,900.0	10,322.7	20,846.4	10,331.5	92.9	92.7	-90.62	-10,569.2	85.3	840.0	654.5	185.57	4.527		
21,000.0	10,322.3	20,946.4	10,331.1	93.8	93.5	-90.62	-10,669.2	85.4	840.0	652.7	187.28	4.485		
21,100.0	10,321.9	21,046.4	10,330.6	94.6	94.4	-90.61	-10,769.2	85.5	840.0	651.0	188.99	4.445		
21,200.0	10,321.6	21,146.4	10,330.1	95.5	95.3	-90.61	-10,869.2	85.5	840.0	649.3	190.70	4.405		
21,300.0	10,321.2	21,246.4	10,329.7	96.3	96.1	-90.60	-10,969.2	85.6	840.0	647.6	192.41	4.366		
21,400.0	10,320.8	21,346.4	10,329.2	97.2	97.0	-90.60	-11,069.2	85.7	840.0	645.9	194.12	4.327		
21,500.0	10,320.4	21,446.4	10,328.8	98.0	97.8	-90.59	-11,169.2	85.8	840.0	644.2	195.83	4.290		
21,600.0	10,320.0	21,546.4	10,328.3	98.9	98.7	-90.59	-11,269.1	85.8	840.0	642.5	197.54	4.252		
21,700.0	10,319.6	21,646.4	10,327.8	99.7	99.5	-90.58	-11,369.1	85.9	840.0	640.8	199.25	4.216		
21,800.0	10,319.2	21,746.4	10,327.4	100.6	100.4	-90.58	-11,469.1	86.0	840.0	639.0	200.96	4.180		
21,900.0	10,318.8	21,846.4	10,326.9	101.4	101.2	-90.57	-11,569.1	86.1	840.0	637.3	202.67	4.145		
22,000.0	10,318.4	21,946.4	10,326.4	102.3	102.1	-90.57	-11,669.1	86.1	840.0	635.6	204.38	4.110		
22,100.0	10,318.0	22,046.4	10,326.0	103.2	103.0	-90.56	-11,769.1	86.2	840.0	633.9	206.09	4.076		
22,200.0	10,317.6	22,146.4	10,325.5	104.0	103.8	-90.56	-11,869.1	86.3	840.0	632.2	207.80	4.042		
22,300.0	10,317.3	22,246.4	10,325.1	104.9	104.7	-90.55	-11,969.1	86.4	840.0	630.5	209.51	4.009		
22,400.0	10,316.9	22,346.4	10,324.6	105.7	105.5	-90.55	-12,069.1	86.4	840.0	628.8	211.22	3.977		
22,500.0	10,316.5	22,446.4	10,324.1	106.6	106.4	-90.54	-12,169.1	86.5	840.0	627.1	212.93	3.945		
22,600.0	10,316.1	22,546.4	10,323.7	107.4	107.2	-90.54	-12,269.1	86.6	840.0	625.3	214.64	3.913		
22,700.0	10,315.7	22,646.4	10,323.2	108.3	108.1	-90.53	-12,369.1	86.7	840.0	623.6	216.35	3.882		
22,800.0	10,315.3	22,746.4	10,322.7	109.1	109.0	-90.53	-12,469.1	86.7	840.0	621.9	218.06	3.852		
22,900.0	10,314.9	22,846.4	10,322.3	110.0	109.8	-90.52	-12,569.1	86.8	840.0	620.2	219.77	3.822		
23,000.0	10,314.5	22,946.4	10,321.8	110.8	110.7	-90.52	-12,669.1	86.9	840.0	618.5	221.49	3.792		
23,100.0	10,314.1	23,046.4	10,321.4	111.7	111.5	-90.51	-12,769.1	87.0	840.0	616.8	223.20	3.763		
23,200.0	10,313.7	23,146.4	10,320.9	112.6	112.4	-90.51	-12,869.1	87.0	840.0	615.1	224.91	3.735		
23,300.0	10,313.4	23,246.4	10,320.4	113.4	113.2	-90.50	-12,969.1	87.1	840.0	613.3	226.62	3.706		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #708H - OWB - PWP1											Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9814-MWD+IFR1+FDIR											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Reference	Offset	Highside	Offset Wellbore Centre		Rule Assigned:		Minimum	Separation	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor
23,400.0	10,313.0	23,346.4	10,320.0	114.3	114.1	-90.50	-13,069.1	87.2	840.0	611.6	228.33	3.679
23,500.0	10,312.6	23,446.4	10,319.5	115.1	114.9	-90.49	-13,169.1	87.3	840.0	609.9	230.04	3.651
23,600.0	10,312.2	23,546.4	10,319.0	116.0	115.8	-90.49	-13,269.1	87.3	840.0	608.2	231.76	3.624
23,700.0	10,311.8	23,646.4	10,318.6	116.8	116.7	-90.48	-13,369.1	87.4	839.9	606.5	233.47	3.598
23,800.0	10,311.4	23,746.4	10,318.1	117.7	117.5	-90.48	-13,469.1	87.5	839.9	604.8	235.18	3.572
23,900.0	10,311.0	23,846.4	10,317.7	118.5	118.4	-90.47	-13,569.1	87.5	839.9	603.1	236.89	3.546
24,000.0	10,310.6	23,946.4	10,317.2	119.4	119.2	-90.47	-13,669.1	87.6	839.9	601.3	238.60	3.520
24,100.0	10,310.2	24,046.4	10,316.7	120.3	120.1	-90.46	-13,769.1	87.7	839.9	599.6	240.32	3.495
24,200.0	10,309.8	24,146.4	10,316.3	121.1	120.9	-90.46	-13,869.1	87.8	839.9	597.9	242.03	3.470
24,300.0	10,309.4	24,246.4	10,315.8	122.0	121.8	-90.45	-13,969.1	87.8	839.9	596.2	243.74	3.446
24,400.0	10,309.1	24,346.4	10,315.3	122.8	122.7	-90.45	-14,069.1	87.9	839.9	594.5	245.45	3.422
24,500.0	10,308.7	24,446.4	10,314.9	123.7	123.5	-90.44	-14,169.1	88.0	839.9	592.8	247.16	3.398
24,600.0	10,308.3	24,546.4	10,314.4	124.5	124.4	-90.44	-14,269.1	88.1	839.9	591.0	248.88	3.375
24,700.0	10,307.9	24,646.4	10,314.0	125.4	125.2	-90.43	-14,369.1	88.1	839.9	589.3	250.59	3.352
24,800.0	10,307.5	24,746.4	10,313.5	126.2	126.1	-90.43	-14,469.1	88.2	839.9	587.6	252.30	3.329
24,900.0	10,307.1	24,846.4	10,313.0	127.1	126.9	-90.42	-14,569.1	88.3	839.9	585.9	254.02	3.307
25,000.0	10,306.7	24,946.4	10,312.6	128.0	127.8	-90.42	-14,669.1	88.4	839.9	584.2	255.73	3.284
25,100.0	10,306.3	25,046.4	10,312.1	128.8	128.7	-90.42	-14,769.1	88.4	839.9	582.5	257.44	3.263
25,200.0	10,305.9	25,146.4	10,311.6	129.7	129.5	-90.41	-14,869.1	88.5	839.9	580.8	259.15	3.241
25,300.0	10,305.5	25,246.4	10,311.2	130.5	130.4	-90.41	-14,969.1	88.6	839.9	579.0	260.87	3.220
25,400.0	10,305.2	25,346.4	10,310.7	131.4	131.2	-90.40	-15,069.1	88.7	839.9	577.3	262.58	3.199
25,500.0	10,304.8	25,446.4	10,310.3	132.2	132.1	-90.40	-15,169.1	88.7	839.9	575.6	264.29	3.178
25,600.0	10,304.4	25,546.4	10,309.8	133.1	132.9	-90.39	-15,269.1	88.8	839.9	573.9	266.01	3.157
25,700.0	10,304.0	25,646.4	10,309.3	133.9	133.8	-90.39	-15,369.1	88.9	839.9	572.2	267.72	3.137
25,800.0	10,303.6	25,746.4	10,308.9	134.8	134.7	-90.38	-15,469.1	89.0	839.9	570.5	269.43	3.117
25,900.0	10,303.2	25,846.4	10,308.4	135.7	135.5	-90.38	-15,569.1	89.0	839.9	568.7	271.15	3.098
25,952.3	10,303.0	25,898.7	10,308.2	136.1	136.0	-90.37	-15,621.4	89.1	839.9	567.8	272.04	3.087
25,952.6	10,303.0	25,899.0	10,308.2	136.1	136.0	-90.37	-15,621.7	89.1	839.9	567.8	272.05	3.087 SF

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #709H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9577-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Vertical	Offset	Vertical	Semi Major Axis	Offset	Highside	Offset Wellbore Centre		Rule Assigned:		Minimum	Separation	Warning
Measured Depth (usft)	Depth (usft)	Measured Depth (usft)	Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Distance Between Ellipses (usft)	Separation (usft)	Factor	
0.0	0.0	0.0	0.0	3.0	3.0	-148.35	-45.1	-27.8	53.0				
100.0	100.0	99.5	99.5	3.0	3.0	-148.35	-45.1	-27.8	53.0	47.0	6.00	8.829	
200.0	200.0	199.5	199.5	3.0	3.0	-148.35	-45.1	-27.8	53.0	47.0	6.01	8.817	
300.0	300.0	299.5	299.5	3.0	3.0	-148.35	-45.1	-27.8	53.0	47.0	6.03	8.792	
400.0	400.0	399.5	399.5	3.0	3.0	-148.35	-45.1	-27.8	53.0	46.9	6.05	8.753	
500.0	500.0	499.5	499.5	3.1	3.1	-148.35	-45.1	-27.8	53.0	46.9	6.09	8.702	
600.0	600.0	599.5	599.5	3.1	3.1	-148.35	-45.1	-27.8	53.0	46.8	6.13	8.639	
700.0	700.0	699.5	699.5	3.1	3.1	-148.35	-45.1	-27.8	53.0	46.8	6.19	8.565	
800.0	800.0	799.5	799.5	3.2	3.2	-148.35	-45.1	-27.8	53.0	46.7	6.25	8.480	
900.0	900.0	899.5	899.5	3.2	3.2	-148.35	-45.1	-27.8	53.0	46.7	6.32	8.386	
1,000.0	1,000.0	999.5	999.5	3.2	3.2	-148.35	-45.1	-27.8	53.0	46.6	6.40	8.284	
1,100.0	1,100.0	1,099.5	1,099.5	3.3	3.3	-148.35	-45.1	-27.8	53.0	46.5	6.48	8.175	
1,200.0	1,200.0	1,199.5	1,199.5	3.4	3.4	-148.35	-45.1	-27.8	53.0	46.4	6.57	8.060	
1,300.0	1,300.0	1,299.5	1,299.5	3.4	3.4	-148.35	-45.1	-27.8	53.0	46.3	6.67	7.939	
1,400.0	1,400.0	1,399.5	1,399.5	3.5	3.5	-148.35	-45.1	-27.8	53.0	46.2	6.78	7.814	
1,500.0	1,500.0	1,499.5	1,499.5	3.5	3.5	-148.35	-45.1	-27.8	53.0	46.1	6.89	7.686	
1,600.0	1,600.0	1,599.5	1,599.5	3.6	3.6	-148.35	-45.1	-27.8	53.0	46.0	7.01	7.555	
1,700.0	1,700.0	1,699.5	1,699.5	3.7	3.7	-148.35	-45.1	-27.8	53.0	45.8	7.14	7.423	
1,800.0	1,800.0	1,799.5	1,799.5	3.8	3.8	-148.35	-45.1	-27.8	53.0	45.7	7.27	7.289	
1,900.0	1,900.0	1,899.5	1,899.5	3.9	3.9	-148.35	-45.1	-27.8	53.0	45.6	7.40	7.156	
2,000.0	2,000.0	1,999.5	1,999.5	3.9	3.9	-148.35	-45.1	-27.8	53.0	45.4	7.54	7.022	
2,100.0	2,100.0	2,099.5	2,099.5	4.0	4.0	-67.57	-45.1	-27.8	52.3	44.6	7.69	6.798	
2,200.0	2,199.8	2,199.3	2,199.3	4.0	4.1	-73.09	-45.1	-27.8	50.5	42.6	7.89	6.407	
2,300.0	2,299.5	2,299.0	2,299.0	4.1	4.2	-82.95	-45.1	-27.8	48.7	40.6	8.15	5.975	
2,352.9	2,352.0	2,351.5	2,351.5	4.1	4.3	-90.00	-45.1	-27.8	48.3	40.0	8.29	5.826 CC, ES	
2,400.0	2,398.7	2,398.2	2,398.2	4.1	4.3	-97.21	-45.1	-27.8	48.7	40.3	8.40	5.799	
2,500.0	2,497.5	2,497.0	2,497.0	4.2	4.4	-113.97	-45.1	-27.8	53.0	44.5	8.48	6.251	
2,600.0	2,595.9	2,597.0	2,597.0	4.2	4.5	-127.82	-44.6	-29.4	61.0	52.6	8.41	7.252	
2,700.0	2,694.4	2,698.1	2,697.9	4.3	4.5	-136.64	-42.9	-34.3	68.6	60.3	8.36	8.210	
2,800.0	2,792.9	2,799.9	2,799.4	4.3	4.6	-142.42	-40.1	-42.7	74.3	66.0	8.36	8.889	
2,900.0	2,891.4	2,899.6	2,898.5	4.4	4.6	-146.76	-36.7	-52.5	79.0	70.6	8.40	9.405	
3,000.0	2,989.9	2,999.4	2,997.7	4.5	4.7	-150.59	-33.4	-62.4	84.1	75.6	8.45	9.950	
3,100.0	3,088.3	3,099.1	3,096.9	4.5	4.8	-153.98	-30.1	-72.3	89.5	81.0	8.51	10.511	
3,200.0	3,186.8	3,198.8	3,196.1	4.6	4.8	-156.97	-26.7	-82.2	95.2	86.6	8.59	11.082	
3,300.0	3,285.3	3,298.5	3,295.2	4.7	4.9	-159.62	-23.4	-92.0	101.1	92.4	8.68	11.655	
3,400.0	3,383.8	3,398.2	3,394.4	4.8	5.0	-161.97	-20.1	-101.9	107.2	98.4	8.77	12.224	
3,500.0	3,482.3	3,498.0	3,493.6	4.9	5.0	-164.06	-16.7	-111.8	113.5	104.6	8.88	12.786	
3,600.0	3,580.8	3,597.7	3,592.8	4.9	5.1	-165.94	-13.4	-121.7	119.9	110.9	8.99	13.339	
3,700.0	3,679.2	3,697.4	3,691.9	5.0	5.2	-167.62	-10.0	-131.5	126.4	117.3	9.11	13.879	
3,800.0	3,777.7	3,797.1	3,791.1	5.1	5.3	-169.14	-6.7	-141.4	133.0	123.8	9.24	14.405	
3,900.0	3,876.2	3,896.9	3,890.3	5.2	5.4	-170.51	-3.4	-151.3	139.7	130.4	9.37	14.915	
4,000.0	3,974.7	3,996.6	3,989.5	5.3	5.4	-171.75	0.0	-161.2	146.5	137.0	9.51	15.410	
4,100.0	4,073.2	4,096.3	4,088.6	5.4	5.5	-172.89	3.3	-171.0	153.4	143.7	9.65	15.888	
4,200.0	4,171.6	4,196.0	4,187.8	5.5	5.6	-173.93	6.6	-180.9	160.3	150.5	9.80	16.349	
4,300.0	4,270.1	4,295.7	4,287.0	5.6	5.7	-174.88	10.0	-190.8	167.2	157.2	9.96	16.793	
4,400.0	4,368.6	4,395.5	4,386.2	5.7	5.8	-175.75	13.3	-200.7	174.2	164.1	10.11	17.221	
4,500.0	4,467.1	4,495.2	4,485.4	5.8	5.9	-176.56	16.6	-210.5	181.2	170.9	10.28	17.632	
4,600.0	4,565.6	4,594.9	4,584.5	5.9	6.0	-177.31	20.0	-220.4	188.3	177.8	10.44	18.027	
4,700.0	4,664.0	4,694.6	4,683.7	6.0	6.1	-178.00	23.3	-230.3	195.3	184.7	10.61	18.406	
4,800.0	4,762.5	4,794.3	4,782.9	6.2	6.2	-178.65	26.7	-240.2	202.5	191.7	10.79	18.769	
4,900.0	4,861.0	4,894.1	4,882.1	6.3	6.3	-179.25	30.0	-250.0	209.6	198.6	10.96	19.118	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #709H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9577-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)					
5,000.0	4,959.5	4,993.8	4,981.2	6.4	6.4	-179.81	33.3	-259.9	216.7	205.6	11.14	19.452	
5,100.0	5,058.0	5,093.5	5,080.4	6.5	6.5	179.66	36.7	-269.8	223.9	212.6	11.33	19.772	
5,200.0	5,156.4	5,193.2	5,179.6	6.6	6.6	179.17	40.0	-279.7	231.1	219.6	11.51	20.078	
5,300.0	5,254.9	5,293.0	5,278.8	6.7	6.7	178.71	43.3	-289.5	238.3	226.6	11.70	20.372	
5,400.0	5,353.4	5,392.7	5,377.9	6.9	6.8	178.27	46.7	-299.4	245.6	233.7	11.89	20.653	
5,500.0	5,451.9	5,492.4	5,477.1	7.0	6.9	177.86	50.0	-309.3	252.8	240.7	12.08	20.922	
5,600.0	5,550.4	5,592.1	5,576.3	7.1	7.0	177.47	53.4	-319.2	260.0	247.8	12.28	21.180	
5,700.0	5,648.9	5,691.8	5,675.5	7.2	7.1	177.10	56.7	-329.0	267.3	254.8	12.47	21.427	
5,800.0	5,747.3	5,791.6	5,774.6	7.4	7.2	176.76	60.0	-338.9	274.6	261.9	12.67	21.663	
5,900.0	5,845.8	5,891.3	5,873.8	7.5	7.3	176.43	63.4	-348.8	281.9	269.0	12.88	21.890	
6,000.0	5,944.3	5,991.0	5,973.0	7.6	7.4	176.11	66.7	-358.7	289.1	276.1	13.08	22.106	
6,100.0	6,042.8	6,090.7	6,072.2	7.8	7.5	175.81	70.0	-368.5	296.4	283.2	13.28	22.314	
6,200.0	6,141.3	6,190.5	6,171.3	7.9	7.7	175.53	73.4	-378.4	303.7	290.3	13.49	22.513	
6,300.0	6,239.7	6,290.2	6,270.5	8.0	7.8	175.26	76.7	-388.3	311.1	297.4	13.70	22.703	
6,400.0	6,338.2	6,389.9	6,369.7	8.2	7.9	175.00	80.0	-398.2	318.4	304.5	13.91	22.886	
6,500.0	6,436.7	6,489.6	6,468.9	8.3	8.0	174.76	83.4	-408.0	325.7	311.6	14.12	23.061	
6,600.0	6,535.2	6,589.3	6,568.0	8.4	8.1	174.52	86.7	-417.9	333.0	318.7	14.34	23.229	
6,700.0	6,633.7	6,689.1	6,667.2	8.6	8.2	174.30	90.1	-427.8	340.4	325.8	14.55	23.389	
6,800.0	6,732.1	6,788.8	6,766.4	8.7	8.3	174.08	93.4	-437.7	347.7	332.9	14.77	23.543	
6,900.0	6,830.6	6,888.5	6,865.6	8.9	8.4	173.87	96.7	-447.5	355.1	340.1	14.99	23.691	
7,000.0	6,929.1	6,988.2	6,964.7	9.0	8.6	173.68	100.1	-457.4	362.4	347.2	15.21	23.833	
7,100.0	7,027.6	7,088.0	7,063.9	9.2	8.7	173.49	103.4	-467.3	369.8	354.3	15.43	23.969	
7,200.0	7,126.1	7,187.7	7,163.1	9.3	8.8	173.30	106.7	-477.2	377.1	361.5	15.65	24.099	
7,300.0	7,224.5	7,287.4	7,262.3	9.5	8.9	173.13	110.1	-487.0	384.5	368.6	15.87	24.225	
7,335.3	7,259.3	7,322.6	7,297.3	9.5	9.0	173.07	111.3	-490.5	387.1	371.1	15.95	24.268	
7,400.0	7,323.1	7,387.1	7,361.5	9.6	9.0	172.96	113.4	-496.9	391.5	375.4	16.10	24.323	
7,500.0	7,421.9	7,487.0	7,460.8	9.8	9.1	172.76	116.8	-506.8	396.9	380.6	16.32	24.322	
7,600.0	7,521.0	7,582.7	7,556.0	9.9	9.3	172.57	119.8	-516.0	400.9	384.3	16.54	24.239	
7,700.0	7,620.2	7,676.4	7,649.4	10.1	9.4	172.41	122.4	-523.6	404.6	387.9	16.77	24.134	
7,800.0	7,719.7	7,770.1	7,742.8	10.2	9.5	172.30	124.5	-529.7	408.2	391.2	17.00	24.012	
7,900.0	7,819.4	7,863.7	7,836.3	10.3	9.6	172.23	126.1	-534.4	411.6	394.4	17.24	23.875	
8,000.0	7,919.1	7,957.2	7,929.8	10.4	9.7	172.20	127.2	-537.6	414.8	397.3	17.49	23.722	
8,100.0	8,019.0	8,050.8	8,023.3	10.5	9.8	172.21	127.8	-539.4	417.8	400.1	17.74	23.555	
8,200.0	8,118.9	8,145.9	8,118.4	10.5	9.9	172.25	127.9	-539.8	420.6	402.7	17.97	23.411	
8,300.0	8,218.9	8,245.9	8,218.4	10.6	10.0	172.28	127.9	-539.8	422.1	404.0	18.13	23.283	
8,335.3	8,254.3	8,281.3	8,253.8	10.6	10.0	89.74	127.9	-539.8	422.2	404.0	18.17	23.232	
8,400.0	8,318.9	8,345.9	8,318.4	10.7	10.1	89.74	127.9	-539.8	422.2	404.0	18.23	23.161	
8,500.0	8,418.9	8,445.9	8,418.4	10.8	10.2	89.74	127.9	-539.8	422.2	403.9	18.32	23.050	
8,600.0	8,518.9	8,545.9	8,518.4	10.9	10.3	89.74	127.9	-539.8	422.2	403.8	18.41	22.940	
8,700.0	8,618.9	8,645.9	8,618.4	11.0	10.4	89.74	127.9	-539.8	422.2	403.7	18.49	22.829	
8,800.0	8,718.9	8,745.9	8,718.4	11.1	10.5	89.74	127.9	-539.8	422.2	403.6	18.58	22.719	
8,900.0	8,818.9	8,845.9	8,818.4	11.2	10.6	89.74	127.9	-539.8	422.2	403.5	18.67	22.610	
9,000.0	8,918.9	8,945.9	8,918.4	11.3	10.7	89.74	127.9	-539.8	422.2	403.4	18.76	22.500	
9,100.0	9,018.9	9,045.9	9,018.4	11.3	10.8	89.74	127.9	-539.8	422.2	403.3	18.86	22.392	
9,200.0	9,118.9	9,145.9	9,118.4	11.4	10.9	89.74	127.9	-539.8	422.2	403.3	18.95	22.283	
9,300.0	9,218.9	9,245.9	9,218.4	11.5	11.0	89.74	127.9	-539.8	422.2	403.2	19.04	22.175	
9,400.0	9,318.9	9,345.9	9,318.4	11.6	11.1	89.74	127.9	-539.8	422.2	403.1	19.13	22.067	
9,500.0	9,418.9	9,445.9	9,418.4	11.7	11.2	89.74	127.9	-539.8	422.2	403.0	19.23	21.960	
9,600.0	9,518.9	9,545.9	9,518.4	11.8	11.3	89.74	127.9	-539.8	422.2	402.9	19.31	21.863	
9,601.2	9,520.2	9,547.2	9,519.7	11.8	11.3	89.74	127.9	-539.8	422.2	402.9	19.31	21.861	
9,700.0	9,618.9	9,643.6	9,615.9	11.9	11.3	90.26	124.1	-539.6	422.4	403.0	19.44	21.733	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #709H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9577-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)						
9,800.0	9,718.9	9,736.6	9,707.1	12.0	11.4	92.71	106.0	-538.8	423.9	404.1	19.79	21.413		
9,871.1	9,790.0	9,800.0	9,766.9	12.1	11.4	95.48	85.3	-537.8	426.7	406.7	20.03	21.302		
9,900.0	9,818.9	9,822.1	9,787.3	12.1	11.4	-80.56	76.5	-537.4	428.5	408.3	20.18	21.236		
9,950.0	9,868.7	9,862.8	9,823.6	12.1	11.4	-78.29	58.4	-536.6	432.0	411.6	20.46	21.120		
10,000.0	9,917.9	9,900.0	9,855.7	12.1	11.5	-76.23	39.6	-535.7	436.1	415.3	20.77	20.998		
10,050.0	9,966.0	9,941.8	9,890.2	12.1	11.5	-74.07	16.1	-534.6	440.5	419.4	21.11	20.868		
10,100.0	10,012.9	9,980.3	9,920.4	12.1	11.5	-72.14	-7.8	-533.5	445.2	423.7	21.49	20.713		
10,150.0	10,058.0	10,018.2	9,948.5	12.2	11.6	-70.35	-33.3	-532.3	450.0	428.1	21.91	20.534		
10,200.0	10,101.2	10,050.0	9,970.7	12.2	11.6	-68.86	-55.9	-531.2	454.9	432.4	22.41	20.294		
10,250.0	10,141.9	10,092.8	9,998.6	12.2	11.7	-67.18	-88.4	-529.7	459.6	436.7	22.85	20.110		
10,300.0	10,180.0	10,129.5	10,020.5	12.3	11.7	-65.82	-117.8	-528.3	464.1	440.8	23.35	19.874		
10,350.0	10,215.1	10,165.8	10,040.2	12.3	11.8	-64.61	-148.2	-526.9	468.4	444.5	23.86	19.630		
10,400.0	10,246.9	10,200.0	10,057.1	12.4	11.8	-63.59	-177.9	-525.5	472.3	447.9	24.38	19.374		
10,450.0	10,275.3	10,237.7	10,073.5	12.5	11.9	-62.64	-211.9	-523.9	475.8	451.0	24.86	19.142		
10,500.0	10,300.0	10,273.4	10,087.0	12.5	11.9	-61.89	-244.8	-522.4	478.8	453.5	25.33	18.906		
10,550.0	10,320.8	10,308.9	10,098.3	12.6	12.0	-61.28	-278.5	-520.8	481.3	455.5	25.76	18.683		
10,600.0	10,337.6	10,350.0	10,108.8	12.7	12.1	-60.78	-318.1	-518.9	483.2	457.1	26.15	18.482		
10,650.0	10,350.2	10,379.6	10,114.6	12.7	12.1	-60.52	-347.1	-517.6	484.5	458.0	26.51	18.278		
10,700.0	10,358.6	10,414.9	10,119.5	12.8	12.2	-60.36	-382.0	-516.0	485.1	458.3	26.80	18.102		
10,750.0	10,362.6	10,450.0	10,122.3	12.8	12.2	-60.35	-417.0	-514.3	485.2	458.1	27.04	17.945		
10,773.3	10,363.0	10,466.5	10,122.9	12.9	12.2	-60.39	-433.5	-513.6	485.0	457.8	27.13	17.878		
10,800.0	10,362.8	10,487.6	10,122.9	12.9	12.3	-60.41	-454.5	-512.6	484.9	457.6	27.25	17.795		
10,900.0	10,362.5	10,587.6	10,122.5	13.1	12.5	-60.40	-554.4	-507.9	484.8	456.9	27.92	17.368		
11,000.0	10,362.1	10,687.6	10,122.1	13.3	12.7	-60.40	-654.3	-503.2	484.8	456.2	28.67	16.911		
11,100.0	10,361.7	10,787.6	10,121.6	13.6	13.1	-60.39	-754.2	-498.6	484.8	455.3	29.50	16.435		
11,200.0	10,361.3	10,887.6	10,121.2	14.0	13.5	-60.39	-854.1	-493.9	484.8	454.4	30.40	15.946		
11,300.0	10,360.9	10,987.6	10,120.8	14.5	13.9	-60.38	-954.0	-489.2	484.8	453.4	31.37	15.454		
11,400.0	10,360.5	11,087.6	10,120.4	15.0	14.5	-60.38	-1,053.9	-484.6	484.8	452.4	32.40	14.964		
11,500.0	10,360.1	11,187.6	10,119.9	15.6	15.1	-60.37	-1,153.7	-479.9	484.8	451.3	33.48	14.480		
11,600.0	10,359.7	11,287.6	10,119.5	16.2	15.7	-60.37	-1,253.6	-475.2	484.7	450.1	34.61	14.007		
11,700.0	10,359.3	11,387.6	10,119.1	16.9	16.3	-60.36	-1,353.5	-470.5	484.7	449.0	35.78	13.547		
11,800.0	10,358.9	11,487.6	10,118.7	17.5	17.0	-60.36	-1,453.4	-465.9	484.7	447.7	37.00	13.102		
11,900.0	10,358.5	11,587.6	10,118.2	18.2	17.7	-60.35	-1,553.3	-461.2	484.7	446.5	38.25	12.673		
12,000.0	10,358.1	11,687.6	10,117.8	18.9	18.4	-60.35	-1,653.2	-456.5	484.7	445.2	39.53	12.262		
12,100.0	10,357.7	11,787.6	10,117.4	19.6	19.1	-60.34	-1,753.1	-451.9	484.7	443.8	40.84	11.867		
12,200.0	10,357.3	11,887.6	10,117.0	20.4	19.9	-60.33	-1,853.0	-447.2	484.7	442.5	42.18	11.490		
12,300.0	10,356.9	11,987.6	10,116.5	21.1	20.6	-60.33	-1,952.9	-442.5	484.6	441.1	43.55	11.129		
12,400.0	10,356.5	12,087.6	10,116.1	21.9	21.4	-60.32	-2,052.8	-437.9	484.6	439.7	44.93	10.786		
12,500.0	10,356.1	12,187.6	10,115.7	22.6	22.2	-60.32	-2,152.6	-433.2	484.6	438.3	46.34	10.458		
12,600.0	10,355.7	12,287.6	10,115.2	23.4	22.9	-60.31	-2,252.5	-428.5	484.6	436.8	47.76	10.146		
12,700.0	10,355.3	12,387.6	10,114.8	24.2	23.7	-60.31	-2,352.4	-423.8	484.6	435.4	49.21	9.848		
12,800.0	10,355.0	12,487.6	10,114.4	25.0	24.5	-60.30	-2,452.3	-419.2	484.6	433.9	50.66	9.564		
12,900.0	10,354.6	12,587.6	10,114.0	25.8	25.3	-60.30	-2,552.2	-414.5	484.6	432.4	52.14	9.294		
13,000.0	10,354.2	12,687.6	10,113.5	26.6	26.1	-60.29	-2,652.1	-409.8	484.5	430.9	53.62	9.037		
13,100.0	10,353.8	12,787.6	10,113.1	27.3	26.9	-60.29	-2,752.0	-405.2	484.5	429.4	55.12	8.791		
13,200.0	10,353.4	12,887.6	10,112.7	28.2	27.7	-60.28	-2,851.9	-400.5	484.5	427.9	56.62	8.557		
13,300.0	10,353.0	12,987.6	10,112.3	29.0	28.5	-60.28	-2,951.8	-395.8	484.5	426.4	58.14	8.333		
13,400.0	10,352.6	13,087.6	10,111.8	29.8	29.3	-60.27	-3,051.7	-391.2	484.5	424.8	59.67	8.120		
13,500.0	10,352.2	13,187.6	10,111.4	30.6	30.2	-60.27	-3,151.5	-386.5	484.5	423.3	61.20	7.916		
13,600.0	10,351.8	13,287.6	10,111.0	31.4	31.0	-60.26	-3,251.4	-381.8	484.5	421.7	62.75	7.721		
13,700.0	10,351.4	13,387.6	10,110.6	32.2	31.8	-60.26	-3,351.3	-377.1	484.4	420.1	64.30	7.534		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #709H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9577-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Warning	
							+N/-S (usft)	+E/-W (usft)			Separation Factor		
13,800.0	10,351.0	13,487.6	10,110.1	33.0	32.6	-60.25	-3,451.2	-372.5	484.4	418.6	65.85	7.356	
13,900.0	10,350.6	13,587.6	10,109.7	33.8	33.5	-60.25	-3,551.1	-367.8	484.4	417.0	67.42	7.185	
14,000.0	10,350.2	13,687.6	10,109.3	34.7	34.3	-60.24	-3,651.0	-363.1	484.4	415.4	68.99	7.021	
14,100.0	10,349.8	13,787.6	10,108.9	35.5	35.1	-60.23	-3,750.9	-358.5	484.4	413.8	70.56	6.865	
14,200.0	10,349.4	13,887.6	10,108.4	36.3	35.9	-60.23	-3,850.8	-353.8	484.4	412.2	72.14	6.714	
14,300.0	10,349.0	13,987.6	10,108.0	37.2	36.8	-60.22	-3,950.7	-349.1	484.4	410.6	73.73	6.569	
14,400.0	10,348.6	14,087.6	10,107.6	38.0	37.6	-60.22	-4,050.6	-344.5	484.3	409.0	75.32	6.430	
14,500.0	10,348.2	14,187.6	10,107.1	38.8	38.4	-60.21	-4,150.4	-339.8	484.3	407.4	76.91	6.297	
14,600.0	10,347.8	14,287.6	10,106.7	39.6	39.3	-60.21	-4,250.3	-335.1	484.3	405.8	78.51	6.169	
14,700.0	10,347.5	14,387.6	10,106.3	40.5	40.1	-60.20	-4,350.2	-330.4	484.3	404.2	80.12	6.045	
14,800.0	10,347.1	14,487.6	10,105.9	41.3	41.0	-60.20	-4,450.1	-325.8	484.3	402.6	81.72	5.926	
14,900.0	10,346.7	14,587.6	10,105.4	42.2	41.8	-60.19	-4,550.0	-321.1	484.3	400.9	83.33	5.812	
15,000.0	10,346.3	14,687.6	10,105.0	43.0	42.6	-60.19	-4,649.9	-316.4	484.3	399.3	84.94	5.701	
15,100.0	10,345.9	14,787.6	10,104.6	43.8	43.5	-60.18	-4,749.8	-311.8	484.2	397.7	86.56	5.595	
15,200.0	10,345.5	14,887.6	10,104.2	44.7	44.3	-60.18	-4,849.7	-307.1	484.2	396.1	88.18	5.492	
15,300.0	10,345.1	14,987.6	10,103.7	45.5	45.2	-60.17	-4,949.6	-302.4	484.2	394.4	89.80	5.392	
15,400.0	10,344.7	15,087.6	10,103.3	46.4	46.0	-60.17	-5,049.5	-297.8	484.2	392.8	91.42	5.297	
15,473.3	10,344.4	15,160.9	10,103.0	47.0	46.6	-60.16	-5,122.7	-294.3	484.2	391.6	92.61	5.228	
15,473.8	10,344.4	15,161.3	10,103.0	47.0	46.6	-60.16	-5,123.1	-294.3	484.2	391.6	92.62	5.228	
15,500.0	10,344.3	15,188.3	10,102.9	47.2	46.9	-60.17	-5,150.1	-293.1	484.3	391.2	93.05	5.205	
15,600.0	10,343.9	15,305.5	10,102.4	48.0	47.9	-60.18	-5,267.2	-290.2	484.7	390.0	94.70	5.118	
15,632.3	10,343.8	15,343.3	10,102.2	48.3	48.2	-60.18	-5,305.0	-290.3	484.7	389.5	95.21	5.091	
15,633.8	10,343.8	15,345.1	10,102.2	48.3	48.2	-60.18	-5,306.8	-290.3	484.7	389.5	95.23	5.090	
15,700.0	10,343.5	15,410.8	10,101.9	48.9	48.7	-60.17	-5,372.5	-290.9	484.7	388.4	96.31	5.033	
15,800.0	10,343.1	15,510.8	10,101.5	49.7	49.6	-60.17	-5,472.5	-291.7	484.7	386.8	97.93	4.949	
15,900.0	10,342.7	15,610.8	10,101.1	50.5	50.4	-60.17	-5,572.5	-292.6	484.7	385.1	99.56	4.869	
16,000.0	10,342.3	15,710.8	10,100.6	51.4	51.3	-60.16	-5,672.5	-293.4	484.7	383.5	101.19	4.790	
16,100.0	10,341.9	15,810.8	10,100.2	52.2	52.1	-60.16	-5,772.5	-294.3	484.7	381.9	102.82	4.714	
16,200.0	10,341.5	15,910.8	10,099.8	53.1	52.9	-60.16	-5,872.5	-295.1	484.7	380.3	104.45	4.641	
16,300.0	10,341.1	16,010.8	10,099.4	53.9	53.8	-60.15	-5,972.5	-296.0	484.7	378.6	106.08	4.569	
16,400.0	10,340.7	16,110.8	10,098.9	54.7	54.6	-60.15	-6,072.5	-296.8	484.7	377.0	107.71	4.500	
16,500.0	10,340.3	16,210.8	10,098.5	55.6	55.5	-60.15	-6,172.5	-297.7	484.7	375.4	109.35	4.433	
16,600.0	10,339.9	16,310.8	10,098.1	56.4	56.3	-60.14	-6,272.5	-298.5	484.7	373.8	110.99	4.368	
16,700.0	10,339.5	16,410.8	10,097.7	57.3	57.2	-60.14	-6,372.5	-299.4	484.8	372.1	112.63	4.304	
16,800.0	10,339.1	16,510.8	10,097.2	58.1	58.0	-60.14	-6,472.5	-300.2	484.8	370.5	114.26	4.242	
16,900.0	10,338.7	16,610.8	10,096.8	59.0	58.9	-60.13	-6,572.5	-301.1	484.8	368.9	115.91	4.182	
17,000.0	10,338.3	16,710.8	10,096.4	59.8	59.7	-60.13	-6,672.5	-301.9	484.8	367.2	117.55	4.124	
17,100.0	10,337.9	16,810.8	10,095.9	60.6	60.5	-60.13	-6,772.5	-302.8	484.8	365.6	119.19	4.067	
17,200.0	10,337.5	16,910.8	10,095.5	61.5	61.4	-60.12	-6,872.4	-303.6	484.8	363.9	120.83	4.012	
17,300.0	10,337.1	17,010.8	10,095.1	62.3	62.2	-60.12	-6,972.4	-304.5	484.8	362.3	122.48	3.958	
17,400.0	10,336.7	17,110.8	10,094.7	63.2	63.1	-60.12	-7,072.4	-305.3	484.8	360.7	124.13	3.906	
17,500.0	10,336.3	17,210.8	10,094.2	64.0	63.9	-60.11	-7,172.4	-306.2	484.8	359.0	125.77	3.855	
17,600.0	10,335.9	17,310.8	10,093.8	64.9	64.8	-60.11	-7,272.4	-307.0	484.8	357.4	127.42	3.805	
17,700.0	10,335.5	17,410.8	10,093.4	65.7	65.6	-60.11	-7,372.4	-307.9	484.8	355.7	129.07	3.756	
17,800.0	10,335.1	17,510.8	10,093.0	66.6	66.5	-60.10	-7,472.4	-308.7	484.8	354.1	130.72	3.709	
17,900.0	10,334.7	17,610.8	10,092.5	67.4	67.3	-60.10	-7,572.4	-309.6	484.8	352.5	132.37	3.663	
18,000.0	10,334.3	17,710.8	10,092.1	68.3	68.2	-60.10	-7,672.4	-310.5	484.8	350.8	134.02	3.618	
18,100.0	10,333.9	17,810.8	10,091.7	69.1	69.0	-60.09	-7,772.4	-311.3	484.8	349.2	135.67	3.574	
18,200.0	10,333.5	17,910.8	10,091.2	70.0	69.9	-60.09	-7,872.4	-312.2	484.8	347.5	137.32	3.531	
18,300.0	10,333.1	18,010.8	10,090.8	70.8	70.7	-60.09	-7,972.4	-313.0	484.8	345.9	138.98	3.489	
18,400.0	10,332.7	18,110.8	10,090.4	71.6	71.6	-60.08	-8,072.4	-313.9	484.9	344.2	140.63	3.448	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #709H - OWB - PWP1													Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9577-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference	Vertical	Measured	Vertical	Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Rule Assigned:		Minimum	Separation	Warning
Depth	Depth	Depth	Depth	Depth	Depth	Depth	Toolface	+N/-S	+E/-W	Between	Between	Separation	Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres	Ellipses	(usft)		
18,500.0	10,332.3	18,210.8	10,090.0	72.5	72.4	-60.08	-60.08	-8,172.4	-314.7	484.9	342.6	142.29	3.408	
18,600.0	10,331.9	18,310.8	10,089.5	73.3	73.3	-60.08	-60.08	-8,272.4	-315.6	484.9	340.9	143.94	3.369	
18,700.0	10,331.5	18,410.8	10,089.1	74.2	74.1	-60.07	-60.07	-8,372.4	-316.4	484.9	339.3	145.60	3.330	
18,800.0	10,331.1	18,510.8	10,088.7	75.0	75.0	-60.07	-60.07	-8,472.4	-317.3	484.9	337.6	147.25	3.293	
18,900.0	10,330.7	18,610.8	10,088.3	75.9	75.8	-60.07	-60.07	-8,572.4	-318.1	484.9	336.0	148.91	3.256	
19,000.0	10,330.3	18,710.8	10,087.8	76.7	76.7	-60.06	-60.06	-8,672.4	-319.0	484.9	334.3	150.57	3.220	
19,100.0	10,329.9	18,810.8	10,087.4	77.6	77.5	-60.06	-60.06	-8,772.4	-319.8	484.9	332.7	152.22	3.185	
19,200.0	10,329.5	18,910.8	10,087.0	78.4	78.4	-60.06	-60.06	-8,872.4	-320.7	484.9	331.0	153.88	3.151	
19,300.0	10,329.1	19,010.8	10,086.5	79.3	79.2	-60.05	-60.05	-8,972.4	-321.5	484.9	329.4	155.54	3.118	
19,400.0	10,328.7	19,110.8	10,086.1	80.1	80.1	-60.05	-60.05	-9,072.3	-322.4	484.9	327.7	157.20	3.085	
19,500.0	10,328.3	19,210.8	10,085.7	81.0	80.9	-60.05	-60.05	-9,172.3	-323.2	484.9	326.1	158.86	3.053	
19,600.0	10,327.9	19,310.8	10,085.3	81.8	81.8	-60.04	-60.04	-9,272.3	-324.1	484.9	324.4	160.52	3.021	
19,700.0	10,327.5	19,410.8	10,084.8	82.7	82.6	-60.04	-60.04	-9,372.3	-324.9	484.9	322.8	162.18	2.990	
19,800.0	10,327.1	19,510.8	10,084.4	83.5	83.5	-60.04	-60.04	-9,472.3	-325.8	484.9	321.1	163.84	2.960	
19,900.0	10,326.7	19,610.8	10,084.0	84.4	84.3	-60.03	-60.03	-9,572.3	-326.6	484.9	319.4	165.50	2.930	
20,000.0	10,326.3	19,710.8	10,083.6	85.2	85.2	-60.03	-60.03	-9,672.3	-327.5	485.0	317.8	167.16	2.901	
20,100.0	10,325.9	19,810.8	10,083.1	86.1	86.0	-60.03	-60.03	-9,772.3	-328.3	485.0	316.1	168.83	2.873	
20,200.0	10,325.5	19,910.8	10,082.7	86.9	86.9	-60.02	-60.02	-9,872.3	-329.2	485.0	314.5	170.49	2.845	
20,300.0	10,325.1	20,010.8	10,082.3	87.8	87.7	-60.02	-60.02	-9,972.3	-330.1	485.0	312.8	172.15	2.817	
20,400.0	10,324.7	20,110.8	10,081.8	88.6	88.6	-60.02	-60.02	-10,072.3	-330.9	485.0	311.2	173.81	2.790	
20,500.0	10,324.3	20,210.8	10,081.4	89.5	89.4	-60.01	-60.01	-10,172.3	-331.8	485.0	309.5	175.48	2.764	
20,600.0	10,323.9	20,310.8	10,081.0	90.4	90.3	-60.01	-60.01	-10,272.3	-332.6	485.0	307.8	177.14	2.738	
20,700.0	10,323.5	20,410.8	10,080.6	91.2	91.1	-60.01	-60.01	-10,372.3	-333.5	485.0	306.2	178.81	2.712	
20,800.0	10,323.1	20,510.8	10,080.1	92.1	92.0	-60.00	-60.00	-10,472.3	-334.3	485.0	304.5	180.47	2.687	
20,829.3	10,323.0	20,540.1	10,080.0	92.3	92.3	-60.00	-60.00	-10,501.5	-334.6	485.0	304.0	180.96	2.680	
20,855.6	10,322.9	20,563.5	10,079.9	92.5	92.5	-60.00	-60.00	-10,525.0	-334.7	485.0	303.6	181.40	2.673	
20,864.1	10,322.9	20,571.0	10,079.9	92.6	92.5	-60.00	-60.00	-10,532.5	-334.7	485.0	303.4	181.55	2.671	
20,900.0	10,322.7	20,606.9	10,079.7	92.9	92.8	-60.00	-60.00	-10,568.4	-334.7	485.0	302.8	182.14	2.663	
21,000.0	10,322.3	20,706.9	10,079.3	93.8	93.7	-59.99	-59.99	-10,668.4	-334.6	485.0	301.2	183.81	2.639	
21,100.0	10,321.9	20,806.9	10,078.9	94.6	94.5	-59.99	-59.99	-10,768.4	-334.5	485.0	299.5	185.48	2.615	
21,200.0	10,321.6	20,906.9	10,078.4	95.5	95.4	-59.99	-59.99	-10,868.4	-334.4	485.0	297.9	187.14	2.592	
21,300.0	10,321.2	21,006.9	10,078.0	96.3	96.2	-59.98	-59.98	-10,968.4	-334.4	485.0	296.2	188.81	2.569	
21,400.0	10,320.8	21,106.9	10,077.6	97.2	97.1	-59.98	-59.98	-11,068.4	-334.3	485.1	294.6	190.48	2.547	
21,500.0	10,320.4	21,206.9	10,077.2	98.0	97.9	-59.98	-59.98	-11,168.4	-334.2	485.1	292.9	192.14	2.525	
21,600.0	10,320.0	21,306.9	10,076.7	98.9	98.8	-59.97	-59.97	-11,268.4	-334.1	485.1	291.3	193.81	2.503	
21,700.0	10,319.6	21,406.9	10,076.3	99.7	99.7	-59.97	-59.97	-11,368.4	-334.1	485.1	289.6	195.48	2.482	
21,800.0	10,319.2	21,506.9	10,075.9	100.6	100.5	-59.96	-59.96	-11,468.4	-334.0	485.1	288.0	197.15	2.461	
21,900.0	10,318.8	21,606.9	10,075.4	101.4	101.4	-59.96	-59.96	-11,568.4	-333.9	485.2	286.3	198.82	2.440	
22,000.0	10,318.4	21,706.9	10,075.0	102.3	102.2	-59.96	-59.96	-11,668.4	-333.8	485.2	284.7	200.48	2.420	
22,100.0	10,318.0	21,806.9	10,074.6	103.2	103.1	-59.95	-59.95	-11,768.4	-333.8	485.2	283.0	202.15	2.400	
22,200.0	10,317.6	21,906.9	10,074.2	104.0	103.9	-59.95	-59.95	-11,868.4	-333.7	485.2	281.4	203.82	2.381	
22,300.0	10,317.3	22,006.9	10,073.7	104.9	104.8	-59.94	-59.94	-11,968.4	-333.6	485.2	279.7	205.49	2.361	
22,400.0	10,316.9	22,106.9	10,073.3	105.7	105.6	-59.94	-59.94	-12,068.4	-333.5	485.3	278.1	207.16	2.342	
22,500.0	10,316.5	22,206.9	10,072.9	106.6	106.5	-59.94	-59.94	-12,168.4	-333.4	485.3	276.4	208.83	2.324	
22,600.0	10,316.1	22,306.9	10,072.4	107.4	107.3	-59.93	-59.93	-12,268.4	-333.4	485.3	274.8	210.50	2.305	
22,700.0	10,315.7	22,406.9	10,072.0	108.3	108.2	-59.93	-59.93	-12,368.4	-333.3	485.3	273.1	212.17	2.287	
22,800.0	10,315.3	22,506.9	10,071.6	109.1	109.1	-59.92	-59.92	-12,468.4	-333.2	485.3	271.5	213.84	2.270	
22,900.0	10,314.9	22,606.9	10,071.2	110.0	109.9	-59.92	-59.92	-12,568.4	-333.1	485.3	269.8	215.51	2.252	
23,000.0	10,314.5	22,706.9	10,070.7	110.8	110.8	-59.92	-59.92	-12,668.4	-333.1	485.4	268.2	217.18	2.235	
23,100.0	10,314.1	22,806.9	10,070.3	111.7	111.6	-59.91	-59.91	-12,768.4	-333.0	485.4	266.5	218.85	2.218	
23,200.0	10,313.7	22,906.9	10,069.9	112.6	112.5	-59.91	-59.91	-12,868.4	-332.9	485.4	264.9	220.52	2.201	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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 #709H - OWB - PWP1												Offset Site Error:	0.0 usft
Survey Program: 0-Standard Keeper 104, 9577-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Reference	Offset	Highside	Offset Wellbore Centre	Distance	Rule Assigned:	Minimum	Separation	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor	
23,300.0	10,313.4	23,006.9	10,069.4	113.4	113.3	-59.91	-12,968.4	-332.8	485.4	263.2	222.19	2.185	
23,400.0	10,313.0	23,106.9	10,069.0	114.3	114.2	-59.90	-13,068.4	-332.8	485.4	261.6	223.86	2.168	
23,500.0	10,312.6	23,206.9	10,068.6	115.1	115.0	-59.90	-13,168.4	-332.7	485.5	259.9	225.53	2.153	
23,600.0	10,312.2	23,306.9	10,068.2	116.0	115.9	-59.89	-13,268.4	-332.6	485.5	258.3	227.20	2.137	
23,700.0	10,311.8	23,406.9	10,067.7	116.8	116.8	-59.89	-13,368.4	-332.5	485.5	256.6	228.88	2.121	
23,800.0	10,311.4	23,506.9	10,067.3	117.7	117.6	-59.89	-13,468.4	-332.5	485.5	255.0	230.55	2.106	
23,900.0	10,311.0	23,606.9	10,066.9	118.5	118.5	-59.88	-13,568.4	-332.4	485.5	253.3	232.22	2.091	
24,000.0	10,310.6	23,706.9	10,066.4	119.4	119.3	-59.88	-13,668.3	-332.3	485.6	251.7	233.89	2.076	
24,100.0	10,310.2	23,806.9	10,066.0	120.3	120.2	-59.87	-13,768.3	-332.2	485.6	250.0	235.56	2.061	
24,200.0	10,309.8	23,906.9	10,065.6	121.1	121.0	-59.87	-13,868.3	-332.2	485.6	248.4	237.23	2.047	
24,300.0	10,309.4	24,006.9	10,065.2	122.0	121.9	-59.87	-13,968.3	-332.1	485.6	246.7	238.91	2.033	
24,400.0	10,309.1	24,106.9	10,064.7	122.8	122.7	-59.86	-14,068.3	-332.0	485.6	245.1	240.58	2.019	
24,500.0	10,308.7	24,206.9	10,064.3	123.7	123.6	-59.86	-14,168.3	-331.9	485.7	243.4	242.25	2.005	
24,600.0	10,308.3	24,306.9	10,063.9	124.5	124.5	-59.85	-14,268.3	-331.8	485.7	241.7	243.92	1.991 Advise and Monitor	
24,700.0	10,307.9	24,406.9	10,063.4	125.4	125.3	-59.85	-14,368.3	-331.8	485.7	240.1	245.60	1.978 Advise and Monitor	
24,800.0	10,307.5	24,506.9	10,063.0	126.2	126.2	-59.85	-14,468.3	-331.7	485.7	238.4	247.27	1.964 Advise and Monitor	
24,900.0	10,307.1	24,606.9	10,062.6	127.1	127.0	-59.84	-14,568.3	-331.6	485.7	236.8	248.94	1.951 Advise and Monitor	
25,000.0	10,306.7	24,706.9	10,062.2	128.0	127.9	-59.84	-14,668.3	-331.5	485.7	235.1	250.61	1.938 Advise and Monitor	
25,100.0	10,306.3	24,806.9	10,061.7	128.8	128.7	-59.84	-14,768.3	-331.5	485.8	233.5	252.29	1.925 Advise and Monitor	
25,200.0	10,305.9	24,906.9	10,061.3	129.7	129.6	-59.83	-14,868.3	-331.4	485.8	231.8	253.96	1.913 Advise and Monitor	
25,300.0	10,305.5	25,006.9	10,060.9	130.5	130.5	-59.83	-14,968.3	-331.3	485.8	230.2	255.63	1.900 Advise and Monitor	
25,400.0	10,305.2	25,106.9	10,060.4	131.4	131.3	-59.82	-15,068.3	-331.2	485.8	228.5	257.31	1.888 Advise and Monitor	
25,500.0	10,304.8	25,206.9	10,060.0	132.2	132.2	-59.82	-15,168.3	-331.2	485.8	226.9	258.98	1.876 Advise and Monitor	
25,600.0	10,304.4	25,306.9	10,059.6	133.1	133.0	-59.82	-15,268.3	-331.1	485.9	225.2	260.65	1.864 Advise and Monitor	
25,700.0	10,304.0	25,406.9	10,059.2	133.9	133.9	-59.81	-15,368.3	-331.0	485.9	223.6	262.33	1.852 Advise and Monitor	
25,800.0	10,303.6	25,506.9	10,058.7	134.8	134.7	-59.81	-15,468.3	-330.9	485.9	221.9	264.00	1.841 Advise and Monitor	
25,900.0	10,303.2	25,606.9	10,058.3	135.7	135.6	-59.80	-15,568.3	-330.9	485.9	220.2	265.67	1.829 Advise and Monitor	
25,952.3	10,303.0	25,659.2	10,058.1	136.1	136.0	-59.80	-15,620.6	-330.8	485.9	219.4	266.55	1.823 Advise and Monitor	
25,952.6	10,303.0	25,659.5	10,058.1	136.1	136.0	-59.80	-15,620.9	-330.8	485.9	219.4	266.55	1.823 Advise and Monitor, SF	

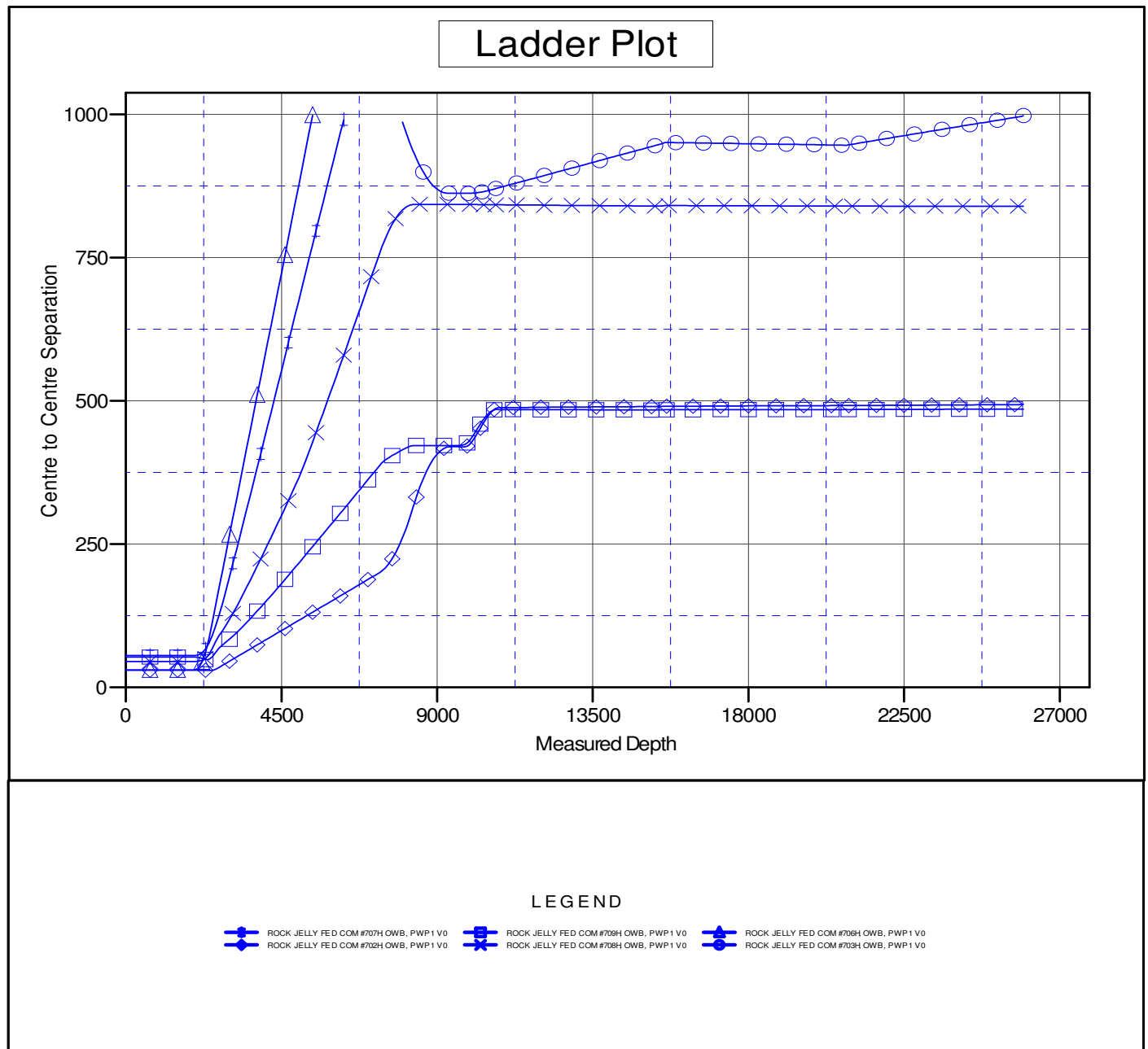
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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' @ 3003.0usft (P84)
 Offset Depths are relative to Offset Datum
 Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FED COM #701H
 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 convergent 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 #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Reference Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FED COM #701H	Survey Calculation Method:	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' @ 3003.0usft (P84)

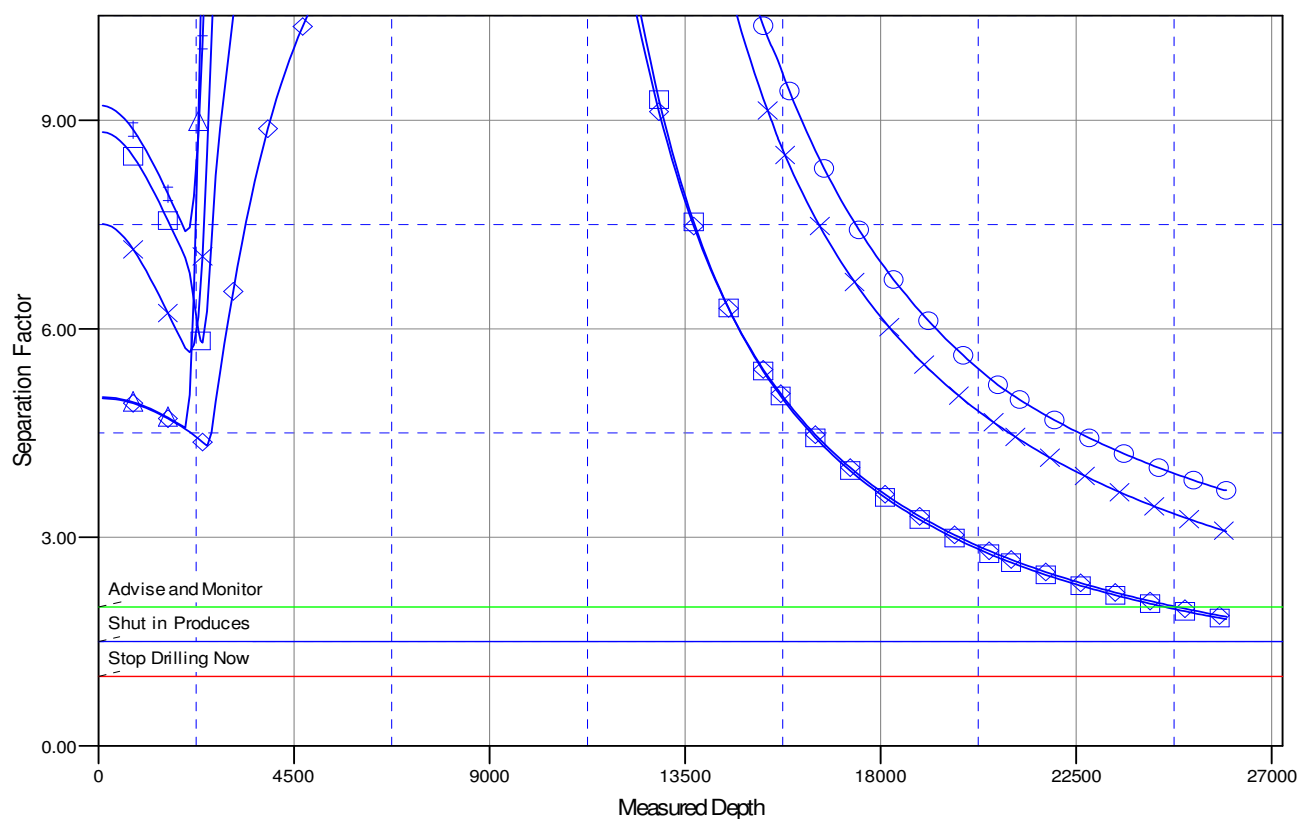
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FED COM #701H

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

Grid Convergence at Surface is: 0.19°

Separation Factor Plot**LEGEND**

ROCK JELLY FED COM #707H OWB, PWP1 V0
 ROCK JELLY FED COM #708H OWB, PWP1 V0
 ROCK JELLY FED COM #709H OWB, PWP1 V0
 ROCK JELLY FED COM #702H OWB, PWP1 V0

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

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

ROCK JELLY FEDERAL PROJECT (ATLAS 2629)

ROCK JELLY FED COM #701H

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 #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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
From:	Map	Easting:	613,615.50 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 4' 41.768 N
		Longitude:	103° 57' 59.453 W
		Grid Convergence:	0.19 °

Well		ROCK JELLY FED COM #701H				
Well Position	+N/-S	0.0 usft	Northing:	392,391.60 usft	Latitude:	32° 4' 41.769 N
	+E/-W	0.0 usft	Easting:	613,615.90 usft	Longitude:	103° 57' 59.448 W
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft	Ground Level:	2,978.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2021	12/16/2021	6.65	59.69	47,529.98589753

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	182.75	

Survey Tool Program	Date	1/18/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	9,871.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
9,871.0	25,952.3	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	

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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)
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	277.46	2,100.0	0.2	-1.7	-0.1	2.00	2.00	0.00
2,200.0	4.00	277.46	2,199.8	0.9	-6.9	-0.6	2.00	2.00	0.00
2,300.0	6.00	277.46	2,299.5	2.0	-15.6	-1.3	2.00	2.00	0.00
2,400.0	8.00	277.46	2,398.7	3.6	-27.6	-2.3	2.00	2.00	0.00
2,500.0	10.00	277.46	2,497.5	5.7	-43.2	-3.6	2.00	2.00	0.00
Start 4835.3 hold at 2500.0 MD									
2,600.0	10.00	277.46	2,595.9	7.9	-60.4	-5.0	0.00	0.00	0.00
2,700.0	10.00	277.46	2,694.4	10.2	-77.6	-6.4	0.00	0.00	0.00
2,800.0	10.00	277.46	2,792.9	12.4	-94.8	-7.9	0.00	0.00	0.00
2,900.0	10.00	277.46	2,891.4	14.7	-112.0	-9.3	0.00	0.00	0.00
3,000.0	10.00	277.46	2,989.9	16.9	-129.2	-10.7	0.00	0.00	0.00
3,100.0	10.00	277.46	3,088.3	19.2	-146.5	-12.1	0.00	0.00	0.00
3,200.0	10.00	277.46	3,186.8	21.4	-163.7	-13.6	0.00	0.00	0.00
3,300.0	10.00	277.46	3,285.3	23.7	-180.9	-15.0	0.00	0.00	0.00
3,400.0	10.00	277.46	3,383.8	25.9	-198.1	-16.4	0.00	0.00	0.00
3,500.0	10.00	277.46	3,482.3	28.2	-215.3	-17.8	0.00	0.00	0.00
3,600.0	10.00	277.46	3,580.8	30.5	-232.5	-19.3	0.00	0.00	0.00
3,700.0	10.00	277.46	3,679.2	32.7	-249.8	-20.7	0.00	0.00	0.00
3,800.0	10.00	277.46	3,777.7	35.0	-267.0	-22.1	0.00	0.00	0.00
3,900.0	10.00	277.46	3,876.2	37.2	-284.2	-23.5	0.00	0.00	0.00
4,000.0	10.00	277.46	3,974.7	39.5	-301.4	-25.0	0.00	0.00	0.00
4,100.0	10.00	277.46	4,073.2	41.7	-318.6	-26.4	0.00	0.00	0.00
4,200.0	10.00	277.46	4,171.6	44.0	-335.9	-27.8	0.00	0.00	0.00
4,300.0	10.00	277.46	4,270.1	46.2	-353.1	-29.2	0.00	0.00	0.00
4,400.0	10.00	277.46	4,368.6	48.5	-370.3	-30.7	0.00	0.00	0.00
4,500.0	10.00	277.46	4,467.1	50.8	-387.5	-32.1	0.00	0.00	0.00
4,600.0	10.00	277.46	4,565.6	53.0	-404.7	-33.5	0.00	0.00	0.00
4,700.0	10.00	277.46	4,664.0	55.3	-421.9	-34.9	0.00	0.00	0.00
4,800.0	10.00	277.46	4,762.5	57.5	-439.2	-36.4	0.00	0.00	0.00
4,900.0	10.00	277.46	4,861.0	59.8	-456.4	-37.8	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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	10.00	277.46	4,959.5	62.0	-473.6	-39.2	0.00	0.00	0.00
5,100.0	10.00	277.46	5,058.0	64.3	-490.8	-40.6	0.00	0.00	0.00
5,200.0	10.00	277.46	5,156.4	66.5	-508.0	-42.1	0.00	0.00	0.00
5,300.0	10.00	277.46	5,254.9	68.8	-525.3	-43.5	0.00	0.00	0.00
5,400.0	10.00	277.46	5,353.4	71.1	-542.5	-44.9	0.00	0.00	0.00
5,500.0	10.00	277.46	5,451.9	73.3	-559.7	-46.4	0.00	0.00	0.00
5,600.0	10.00	277.46	5,550.4	75.6	-576.9	-47.8	0.00	0.00	0.00
5,700.0	10.00	277.46	5,648.9	77.8	-594.1	-49.2	0.00	0.00	0.00
5,800.0	10.00	277.46	5,747.3	80.1	-611.3	-50.6	0.00	0.00	0.00
5,900.0	10.00	277.46	5,845.8	82.3	-628.6	-52.1	0.00	0.00	0.00
6,000.0	10.00	277.46	5,944.3	84.6	-645.8	-53.5	0.00	0.00	0.00
6,100.0	10.00	277.46	6,042.8	86.8	-663.0	-54.9	0.00	0.00	0.00
6,200.0	10.00	277.46	6,141.3	89.1	-680.2	-56.3	0.00	0.00	0.00
6,300.0	10.00	277.46	6,239.7	91.3	-697.4	-57.8	0.00	0.00	0.00
6,400.0	10.00	277.46	6,338.2	93.6	-714.6	-59.2	0.00	0.00	0.00
6,500.0	10.00	277.46	6,436.7	95.9	-731.9	-60.6	0.00	0.00	0.00
6,600.0	10.00	277.46	6,535.2	98.1	-749.1	-62.0	0.00	0.00	0.00
6,700.0	10.00	277.46	6,633.7	100.4	-766.3	-63.5	0.00	0.00	0.00
6,800.0	10.00	277.46	6,732.1	102.6	-783.5	-64.9	0.00	0.00	0.00
6,900.0	10.00	277.46	6,830.6	104.9	-800.7	-66.3	0.00	0.00	0.00
7,000.0	10.00	277.46	6,929.1	107.1	-818.0	-67.7	0.00	0.00	0.00
7,100.0	10.00	277.46	7,027.6	109.4	-835.2	-69.2	0.00	0.00	0.00
7,200.0	10.00	277.46	7,126.1	111.6	-852.4	-70.6	0.00	0.00	0.00
7,300.0	10.00	277.46	7,224.5	113.9	-869.6	-72.0	0.00	0.00	0.00
7,335.3	10.00	277.46	7,259.3	114.7	-875.7	-72.5	0.00	0.00	0.00
Start Drop -1.00									
7,400.0	9.35	277.46	7,323.1	116.1	-886.5	-73.4	1.00	-1.00	0.00
7,500.0	8.35	277.46	7,421.9	118.1	-901.7	-74.7	1.00	-1.00	0.00
7,600.0	7.35	277.46	7,521.0	119.9	-915.3	-75.8	1.00	-1.00	0.00
7,700.0	6.35	277.46	7,620.2	121.4	-927.1	-76.8	1.00	-1.00	0.00
7,800.0	5.35	277.46	7,719.7	122.8	-937.2	-77.6	1.00	-1.00	0.00
7,900.0	4.35	277.46	7,819.4	123.9	-945.6	-78.3	1.00	-1.00	0.00
8,000.0	3.35	277.46	7,919.1	124.7	-952.3	-78.9	1.00	-1.00	0.00
8,100.0	2.35	277.46	8,019.0	125.4	-957.2	-79.3	1.00	-1.00	0.00
8,200.0	1.35	277.46	8,118.9	125.8	-960.4	-79.5	1.00	-1.00	0.00
8,300.0	0.35	277.46	8,218.9	126.0	-961.9	-79.7	1.00	-1.00	0.00
8,335.3	0.00	0.00	8,254.3	126.0	-962.0	-79.7	1.00	-1.00	0.00
Start 1535.7 hold at 8335.3 MD									
8,400.0	0.00	0.00	8,318.9	126.0	-962.0	-79.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,418.9	126.0	-962.0	-79.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,518.9	126.0	-962.0	-79.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,618.9	126.0	-962.0	-79.7	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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)
8,800.0	0.00	0.00	8,718.9	126.0	-962.0	-79.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,818.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,918.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,018.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,118.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,218.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,318.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,418.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,518.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,700.0	0.00	0.00	9,618.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,800.0	0.00	0.00	9,718.9	126.0	-962.0	-79.7	0.00	0.00	0.00
9,871.1	0.00	0.00	9,790.0	126.0	-962.0	-79.7	0.00	0.00	0.00
Start DLS 10.00 TFO 177.30									
9,900.0	2.89	177.30	9,818.9	125.3	-962.0	-78.9	10.00	10.00	0.00
10,000.0	12.89	177.30	9,917.9	111.6	-961.3	-65.3	10.00	10.00	0.00
10,100.0	22.89	177.30	10,012.9	80.9	-959.9	-34.7	10.00	10.00	0.00
10,200.0	32.89	177.30	10,101.2	34.2	-957.7	11.8	10.00	10.00	0.00
10,300.0	42.89	177.30	10,180.0	-27.0	-954.8	72.8	10.00	10.00	0.00
10,400.0	52.89	177.30	10,246.9	-101.0	-951.3	146.6	10.00	10.00	0.00
10,500.0	62.89	177.30	10,300.0	-185.5	-947.3	230.8	10.00	10.00	0.00
10,600.0	72.89	177.30	10,337.6	-278.0	-943.0	322.9	10.00	10.00	0.00
10,700.0	82.89	177.30	10,358.6	-375.5	-938.4	420.1	10.00	10.00	0.00
10,773.3	90.23	177.30	10,363.0	-448.6	-934.9	492.9	10.00	10.00	0.00
Start 4700.0 hold at 10773.3 MD									
10,800.0	90.23	177.30	10,362.8	-475.2	-933.7	519.5	0.00	0.00	0.00
10,900.0	90.23	177.30	10,362.5	-575.1	-929.0	619.0	0.00	0.00	0.00
11,000.0	90.23	177.30	10,362.1	-675.0	-924.3	718.6	0.00	0.00	0.00
11,100.0	90.23	177.30	10,361.7	-774.9	-919.6	818.1	0.00	0.00	0.00
11,200.0	90.23	177.30	10,361.3	-874.8	-914.9	917.7	0.00	0.00	0.00
11,300.0	90.23	177.30	10,360.9	-974.7	-910.2	1,017.2	0.00	0.00	0.00
11,400.0	90.23	177.30	10,360.5	-1,074.6	-905.5	1,116.8	0.00	0.00	0.00
11,500.0	90.23	177.30	10,360.1	-1,174.4	-900.8	1,216.3	0.00	0.00	0.00
11,600.0	90.23	177.30	10,359.7	-1,274.3	-896.0	1,315.9	0.00	0.00	0.00
11,700.0	90.23	177.30	10,359.3	-1,374.2	-891.3	1,415.4	0.00	0.00	0.00
11,800.0	90.23	177.30	10,358.9	-1,474.1	-886.6	1,515.0	0.00	0.00	0.00
11,900.0	90.23	177.30	10,358.5	-1,574.0	-881.9	1,614.5	0.00	0.00	0.00
12,000.0	90.23	177.30	10,358.1	-1,673.9	-877.2	1,714.1	0.00	0.00	0.00
12,100.0	90.23	177.30	10,357.7	-1,773.8	-872.5	1,813.6	0.00	0.00	0.00
12,200.0	90.23	177.30	10,357.3	-1,873.7	-867.8	1,913.2	0.00	0.00	0.00
12,300.0	90.23	177.30	10,356.9	-1,973.6	-863.1	2,012.7	0.00	0.00	0.00
12,400.0	90.23	177.30	10,356.5	-2,073.4	-858.4	2,112.3	0.00	0.00	0.00
12,500.0	90.23	177.30	10,356.1	-2,173.3	-853.7	2,211.8	0.00	0.00	0.00
12,600.0	90.23	177.30	10,355.7	-2,273.2	-849.0	2,311.4	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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)
12,700.0	90.23	177.30	10,355.3	-2,373.1	-844.3	2,410.9	0.00	0.00	0.00
12,800.0	90.23	177.30	10,355.0	-2,473.0	-839.6	2,510.5	0.00	0.00	0.00
12,900.0	90.23	177.30	10,354.6	-2,572.9	-834.9	2,610.0	0.00	0.00	0.00
13,000.0	90.23	177.30	10,354.2	-2,672.8	-830.2	2,709.5	0.00	0.00	0.00
13,100.0	90.23	177.30	10,353.8	-2,772.7	-825.5	2,809.1	0.00	0.00	0.00
13,200.0	90.23	177.30	10,353.4	-2,872.6	-820.8	2,908.6	0.00	0.00	0.00
13,300.0	90.23	177.30	10,353.0	-2,972.4	-816.1	3,008.2	0.00	0.00	0.00
13,400.0	90.23	177.30	10,352.6	-3,072.3	-811.4	3,107.7	0.00	0.00	0.00
13,500.0	90.23	177.30	10,352.2	-3,172.2	-806.7	3,207.3	0.00	0.00	0.00
13,600.0	90.23	177.30	10,351.8	-3,272.1	-802.0	3,306.8	0.00	0.00	0.00
13,700.0	90.23	177.30	10,351.4	-3,372.0	-797.3	3,406.4	0.00	0.00	0.00
13,800.0	90.23	177.30	10,351.0	-3,471.9	-792.6	3,505.9	0.00	0.00	0.00
13,900.0	90.23	177.30	10,350.6	-3,571.8	-787.8	3,605.5	0.00	0.00	0.00
14,000.0	90.23	177.30	10,350.2	-3,671.7	-783.1	3,705.0	0.00	0.00	0.00
14,100.0	90.23	177.30	10,349.8	-3,771.5	-778.4	3,804.6	0.00	0.00	0.00
14,200.0	90.23	177.30	10,349.4	-3,871.4	-773.7	3,904.1	0.00	0.00	0.00
14,300.0	90.23	177.30	10,349.0	-3,971.3	-769.0	4,003.7	0.00	0.00	0.00
14,400.0	90.23	177.30	10,348.6	-4,071.2	-764.3	4,103.2	0.00	0.00	0.00
14,500.0	90.23	177.30	10,348.2	-4,171.1	-759.6	4,202.8	0.00	0.00	0.00
14,600.0	90.23	177.30	10,347.8	-4,271.0	-754.9	4,302.3	0.00	0.00	0.00
14,700.0	90.23	177.30	10,347.5	-4,370.9	-750.2	4,401.9	0.00	0.00	0.00
14,800.0	90.23	177.30	10,347.1	-4,470.8	-745.5	4,501.4	0.00	0.00	0.00
14,900.0	90.23	177.30	10,346.7	-4,570.7	-740.8	4,600.9	0.00	0.00	0.00
15,000.0	90.23	177.30	10,346.3	-4,670.5	-736.1	4,700.5	0.00	0.00	0.00
15,100.0	90.23	177.30	10,345.9	-4,770.4	-731.4	4,800.0	0.00	0.00	0.00
15,200.0	90.23	177.30	10,345.5	-4,870.3	-726.7	4,899.6	0.00	0.00	0.00
15,300.0	90.23	177.30	10,345.1	-4,970.2	-722.0	4,999.1	0.00	0.00	0.00
15,400.0	90.23	177.30	10,344.7	-5,070.1	-717.3	5,098.7	0.00	0.00	0.00
15,473.3	90.23	177.30	10,344.4	-5,143.3	-713.8	5,171.6	0.00	0.00	0.00
Start DLS 2.00 TFO 89.94									
15,500.0	90.23	177.84	10,344.3	-5,170.0	-712.7	5,198.2	2.00	0.00	2.00
15,600.0	90.23	179.84	10,343.9	-5,270.0	-710.7	5,298.0	2.00	0.00	2.00
15,632.3	90.23	180.48	10,343.8	-5,302.2	-710.8	5,330.2	2.00	0.00	2.00
Start 5197.0 hold at 15632.3 MD									
15,700.0	90.23	180.48	10,343.5	-5,370.0	-711.3	5,397.9	0.00	0.00	0.00
15,800.0	90.23	180.48	10,343.1	-5,470.0	-712.2	5,497.8	0.00	0.00	0.00
15,900.0	90.23	180.48	10,342.7	-5,570.0	-713.0	5,597.8	0.00	0.00	0.00
16,000.0	90.23	180.48	10,342.3	-5,669.9	-713.9	5,697.7	0.00	0.00	0.00
16,100.0	90.23	180.48	10,341.9	-5,769.9	-714.7	5,797.6	0.00	0.00	0.00
16,200.0	90.23	180.48	10,341.5	-5,869.9	-715.6	5,897.5	0.00	0.00	0.00
16,300.0	90.23	180.48	10,341.1	-5,969.9	-716.4	5,997.4	0.00	0.00	0.00
16,400.0	90.23	180.48	10,340.7	-6,069.9	-717.2	6,097.4	0.00	0.00	0.00
16,500.0	90.23	180.48	10,340.3	-6,169.9	-718.1	6,197.3	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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	90.23	180.48	10,339.9	-6,269.9	-718.9	6,297.2	0.00	0.00	0.00
16,700.0	90.23	180.48	10,339.5	-6,369.9	-719.8	6,397.1	0.00	0.00	0.00
16,800.0	90.23	180.48	10,339.1	-6,469.9	-720.6	6,497.0	0.00	0.00	0.00
16,900.0	90.23	180.48	10,338.7	-6,569.9	-721.5	6,597.0	0.00	0.00	0.00
17,000.0	90.23	180.48	10,338.3	-6,669.9	-722.3	6,696.9	0.00	0.00	0.00
17,100.0	90.23	180.48	10,337.9	-6,769.9	-723.1	6,796.8	0.00	0.00	0.00
17,200.0	90.23	180.48	10,337.5	-6,869.9	-724.0	6,896.7	0.00	0.00	0.00
17,300.0	90.23	180.48	10,337.1	-6,969.9	-724.8	6,996.7	0.00	0.00	0.00
17,400.0	90.23	180.48	10,336.7	-7,069.9	-725.7	7,096.6	0.00	0.00	0.00
17,500.0	90.23	180.48	10,336.3	-7,169.9	-726.5	7,196.5	0.00	0.00	0.00
17,600.0	90.23	180.48	10,335.9	-7,269.9	-727.4	7,296.4	0.00	0.00	0.00
17,700.0	90.23	180.48	10,335.5	-7,369.9	-728.2	7,396.3	0.00	0.00	0.00
17,800.0	90.23	180.48	10,335.1	-7,469.9	-729.0	7,496.3	0.00	0.00	0.00
17,900.0	90.23	180.48	10,334.7	-7,569.9	-729.9	7,596.2	0.00	0.00	0.00
18,000.0	90.23	180.48	10,334.3	-7,669.9	-730.7	7,696.1	0.00	0.00	0.00
18,100.0	90.23	180.48	10,333.9	-7,769.9	-731.6	7,796.0	0.00	0.00	0.00
18,200.0	90.23	180.48	10,333.5	-7,869.9	-732.4	7,895.9	0.00	0.00	0.00
18,300.0	90.23	180.48	10,333.1	-7,969.8	-733.3	7,995.9	0.00	0.00	0.00
18,400.0	90.23	180.48	10,332.7	-8,069.8	-734.1	8,095.8	0.00	0.00	0.00
18,500.0	90.23	180.48	10,332.3	-8,169.8	-734.9	8,195.7	0.00	0.00	0.00
18,600.0	90.23	180.48	10,331.9	-8,269.8	-735.8	8,295.6	0.00	0.00	0.00
18,700.0	90.23	180.48	10,331.5	-8,369.8	-736.6	8,395.5	0.00	0.00	0.00
18,800.0	90.23	180.48	10,331.1	-8,469.8	-737.5	8,495.5	0.00	0.00	0.00
18,900.0	90.23	180.48	10,330.7	-8,569.8	-738.3	8,595.4	0.00	0.00	0.00
19,000.0	90.23	180.48	10,330.3	-8,669.8	-739.2	8,695.3	0.00	0.00	0.00
19,100.0	90.23	180.48	10,329.9	-8,769.8	-740.0	8,795.2	0.00	0.00	0.00
19,200.0	90.23	180.48	10,329.5	-8,869.8	-740.8	8,895.1	0.00	0.00	0.00
19,300.0	90.23	180.48	10,329.1	-8,969.8	-741.7	8,995.1	0.00	0.00	0.00
19,400.0	90.23	180.48	10,328.7	-9,069.8	-742.5	9,095.0	0.00	0.00	0.00
19,500.0	90.23	180.48	10,328.3	-9,169.8	-743.4	9,194.9	0.00	0.00	0.00
19,600.0	90.23	180.48	10,327.9	-9,269.8	-744.2	9,294.8	0.00	0.00	0.00
19,700.0	90.23	180.48	10,327.5	-9,369.8	-745.1	9,394.8	0.00	0.00	0.00
19,800.0	90.23	180.48	10,327.1	-9,469.8	-745.9	9,494.7	0.00	0.00	0.00
19,900.0	90.23	180.48	10,326.7	-9,569.8	-746.8	9,594.6	0.00	0.00	0.00
20,000.0	90.23	180.48	10,326.3	-9,669.8	-747.6	9,694.5	0.00	0.00	0.00
20,100.0	90.23	180.48	10,325.9	-9,769.8	-748.4	9,794.4	0.00	0.00	0.00
20,200.0	90.23	180.48	10,325.5	-9,869.8	-749.3	9,894.4	0.00	0.00	0.00
20,300.0	90.23	180.48	10,325.1	-9,969.8	-750.1	9,994.3	0.00	0.00	0.00
20,400.0	90.23	180.48	10,324.7	-10,069.8	-751.0	10,094.2	0.00	0.00	0.00
20,500.0	90.23	180.48	10,324.3	-10,169.8	-751.8	10,194.1	0.00	0.00	0.00
20,600.0	90.23	180.48	10,323.9	-10,269.7	-752.7	10,294.0	0.00	0.00	0.00
20,700.0	90.23	180.48	10,323.5	-10,369.7	-753.5	10,394.0	0.00	0.00	0.00
20,800.0	90.23	180.48	10,323.1	-10,469.7	-754.3	10,493.9	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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)
20,829.3	90.23	180.48	10,323.0	-10,499.0	-754.6	10,523.1	0.00	0.00	0.00
Start DLS 2.00 TFO -90.58									
20,855.6	90.22	179.96	10,322.9	-10,525.3	-754.7	10,549.4	2.00	-0.02	-2.00
Start 5096.7 hold at 20855.6 MD									
20,900.0	90.22	179.96	10,322.7	-10,569.7	-754.7	10,593.8	0.00	0.00	0.00
21,000.0	90.22	179.96	10,322.3	-10,669.7	-754.6	10,693.7	0.00	0.00	0.00
21,100.0	90.22	179.96	10,321.9	-10,769.7	-754.5	10,793.5	0.00	0.00	0.00
21,200.0	90.22	179.96	10,321.6	-10,869.7	-754.4	10,893.4	0.00	0.00	0.00
21,300.0	90.22	179.96	10,321.2	-10,969.7	-754.3	10,993.3	0.00	0.00	0.00
21,400.0	90.22	179.96	10,320.8	-11,069.7	-754.3	11,093.2	0.00	0.00	0.00
21,500.0	90.22	179.96	10,320.4	-11,169.7	-754.2	11,193.1	0.00	0.00	0.00
21,600.0	90.22	179.96	10,320.0	-11,269.7	-754.1	11,292.9	0.00	0.00	0.00
21,700.0	90.22	179.96	10,319.6	-11,369.7	-754.0	11,392.8	0.00	0.00	0.00
21,800.0	90.22	179.96	10,319.2	-11,469.7	-754.0	11,492.7	0.00	0.00	0.00
21,900.0	90.22	179.96	10,318.8	-11,569.7	-753.9	11,592.6	0.00	0.00	0.00
22,000.0	90.22	179.96	10,318.4	-11,669.7	-753.8	11,692.5	0.00	0.00	0.00
22,100.0	90.22	179.96	10,318.0	-11,769.7	-753.7	11,792.3	0.00	0.00	0.00
22,200.0	90.22	179.96	10,317.6	-11,869.7	-753.7	11,892.2	0.00	0.00	0.00
22,300.0	90.22	179.96	10,317.3	-11,969.7	-753.6	11,992.1	0.00	0.00	0.00
22,400.0	90.22	179.96	10,316.9	-12,069.7	-753.5	12,092.0	0.00	0.00	0.00
22,500.0	90.22	179.96	10,316.5	-12,169.7	-753.4	12,191.9	0.00	0.00	0.00
22,600.0	90.22	179.96	10,316.1	-12,269.7	-753.4	12,291.7	0.00	0.00	0.00
22,700.0	90.22	179.96	10,315.7	-12,369.7	-753.3	12,391.6	0.00	0.00	0.00
22,800.0	90.22	179.96	10,315.3	-12,469.7	-753.2	12,491.5	0.00	0.00	0.00
22,900.0	90.22	179.96	10,314.9	-12,569.7	-753.1	12,591.4	0.00	0.00	0.00
23,000.0	90.22	179.96	10,314.5	-12,669.7	-753.1	12,691.3	0.00	0.00	0.00
23,100.0	90.22	179.96	10,314.1	-12,769.7	-753.0	12,791.1	0.00	0.00	0.00
23,200.0	90.22	179.96	10,313.7	-12,869.7	-752.9	12,891.0	0.00	0.00	0.00
23,300.0	90.22	179.96	10,313.4	-12,969.7	-752.8	12,990.9	0.00	0.00	0.00
23,400.0	90.22	179.96	10,313.0	-13,069.7	-752.7	13,090.8	0.00	0.00	0.00
23,500.0	90.22	179.96	10,312.6	-13,169.7	-752.7	13,190.7	0.00	0.00	0.00
23,600.0	90.22	179.96	10,312.2	-13,269.7	-752.6	13,290.5	0.00	0.00	0.00
23,700.0	90.22	179.96	10,311.8	-13,369.7	-752.5	13,390.4	0.00	0.00	0.00
23,800.0	90.22	179.96	10,311.4	-13,469.7	-752.4	13,490.3	0.00	0.00	0.00
23,900.0	90.22	179.96	10,311.0	-13,569.7	-752.4	13,590.2	0.00	0.00	0.00
24,000.0	90.22	179.96	10,310.6	-13,669.7	-752.3	13,690.1	0.00	0.00	0.00
24,100.0	90.22	179.96	10,310.2	-13,769.7	-752.2	13,789.9	0.00	0.00	0.00
24,200.0	90.22	179.96	10,309.8	-13,869.7	-752.1	13,889.8	0.00	0.00	0.00
24,300.0	90.22	179.96	10,309.4	-13,969.7	-752.1	13,989.7	0.00	0.00	0.00
24,400.0	90.22	179.96	10,309.1	-14,069.7	-752.0	14,089.6	0.00	0.00	0.00
24,500.0	90.22	179.96	10,308.7	-14,169.7	-751.9	14,189.5	0.00	0.00	0.00
24,600.0	90.22	179.96	10,308.3	-14,269.7	-751.8	14,289.3	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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	90.22	179.96	10,307.9	-14,369.7	-751.8	14,389.2	0.00	0.00	0.00
24,800.0	90.22	179.96	10,307.5	-14,469.7	-751.7	14,489.1	0.00	0.00	0.00
24,900.0	90.22	179.96	10,307.1	-14,569.7	-751.6	14,589.0	0.00	0.00	0.00
25,000.0	90.22	179.96	10,306.7	-14,669.7	-751.5	14,688.9	0.00	0.00	0.00
25,100.0	90.22	179.96	10,306.3	-14,769.7	-751.5	14,788.8	0.00	0.00	0.00
25,200.0	90.22	179.96	10,305.9	-14,869.7	-751.4	14,888.6	0.00	0.00	0.00
25,300.0	90.22	179.96	10,305.5	-14,969.7	-751.3	14,988.5	0.00	0.00	0.00
25,400.0	90.22	179.96	10,305.2	-15,069.7	-751.2	15,088.4	0.00	0.00	0.00
25,500.0	90.22	179.96	10,304.8	-15,169.7	-751.1	15,188.3	0.00	0.00	0.00
25,600.0	90.22	179.96	10,304.4	-15,269.7	-751.1	15,288.2	0.00	0.00	0.00
25,700.0	90.22	179.96	10,304.0	-15,369.7	-751.0	15,388.0	0.00	0.00	0.00
25,800.0	90.22	179.96	10,303.6	-15,469.7	-750.9	15,487.9	0.00	0.00	0.00
25,900.0	90.22	179.96	10,303.2	-15,569.7	-750.8	15,587.8	0.00	0.00	0.00
25,952.3	90.22	179.96	10,303.0	-15,622.0	-750.8	15,640.0	0.00	0.00	0.00
TD at 25952.3									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP(ROCK JELLY FE - hit/miss target - Shape	0.00	0.01	10,303.0	-15,491.8	-752.5	376,899.80	612,863.40	32° 2' 8.480 N	103° 58' 8.802 W
- plan misses target center by 1.7usft at 25822.1usft MD (10303.5 TVD, -15491.8 N, -750.9 E)									
- Point									
PBHL(ROCK JELLY F - plan hits target center - Rectangle (sides W100.0 H5,120.0 D20.0)	0.23	359.96	10,303.0	-15,622.0	-750.8	376,769.60	612,865.10	32° 2' 7.192 N	103° 58' 8.787 W
POI#2(ROCK JELLY I - plan hits target center - Rectangle (sides W100.0 H5,357.0 D20.0)	0.23	0.48	10,323.0	-10,499.0	-754.6	381,892.60	612,861.32	32° 2' 57.892 N	103° 58' 8.630 W
POI#1(ROCK JELLY I - plan hits target center - Rectangle (sides W100.0 H5,274.0 D20.0)	0.23	357.30	10,344.4	-5,143.3	-713.8	387,248.30	612,902.07	32° 3' 50.893 N	103° 58' 7.947 W
FTP(ROCK JELLY FE - plan misses target center by 84.9usft at 10481.1usft MD (10291.1 TVD, -168.9 N, -948.1 E) - Circle (radius 50.0)	0.00	0.00	10,363.0	-123.8	-950.2	392,267.80	612,665.70	32° 4' 40.576 N	103° 58' 10.497 W

ConocoPhillips

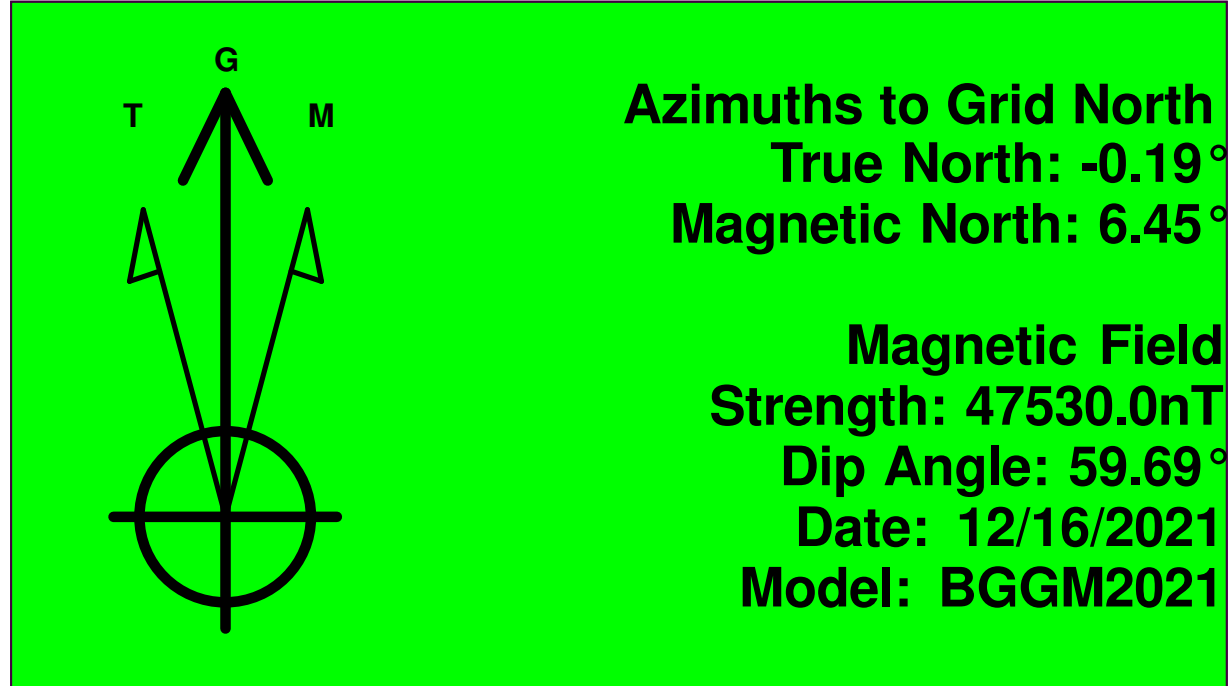
Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FED COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=25' @ 3003.0usft (P84)
Site:	ROCK JELLY FEDERAL PROJECT (ATLAS 2629)	MD Reference:	KB=25' @ 3003.0usft (P84)
Well:	ROCK JELLY FED COM #701H	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		Comment
		+N/-S (usft)	+E/-W (usft)	
2000	2000	0	0	Start Build 2.00
2500	2497	6	-43	Start 4835.3 hold at 2500.0 MD
7335	7259	115	-876	Start Drop -1.00
8335	8254	126	-962	Start 1535.7 hold at 8335.3 MD
9871	9790	126	-962	Start DLS 10.00 TFO 177.30
10,773	10,363	-449	-935	Start 4700.0 hold at 10773.3 MD
15,473	10,344	-5143	-714	Start DLS 2.00 TFO 89.94
15,632	10,344	-5302	-711	Start 5197.0 hold at 15632.3 MD
20,829	10,323	-10,499	-755	Start DLS 2.00 TFO -90.58
20,856	10,323	-10,525	-755	Start 5096.7 hold at 20855.6 MD
25,952	10,303	-15,622	-751	TD at 25952.3

Checked By: _____ Approved By: _____ Date: _____



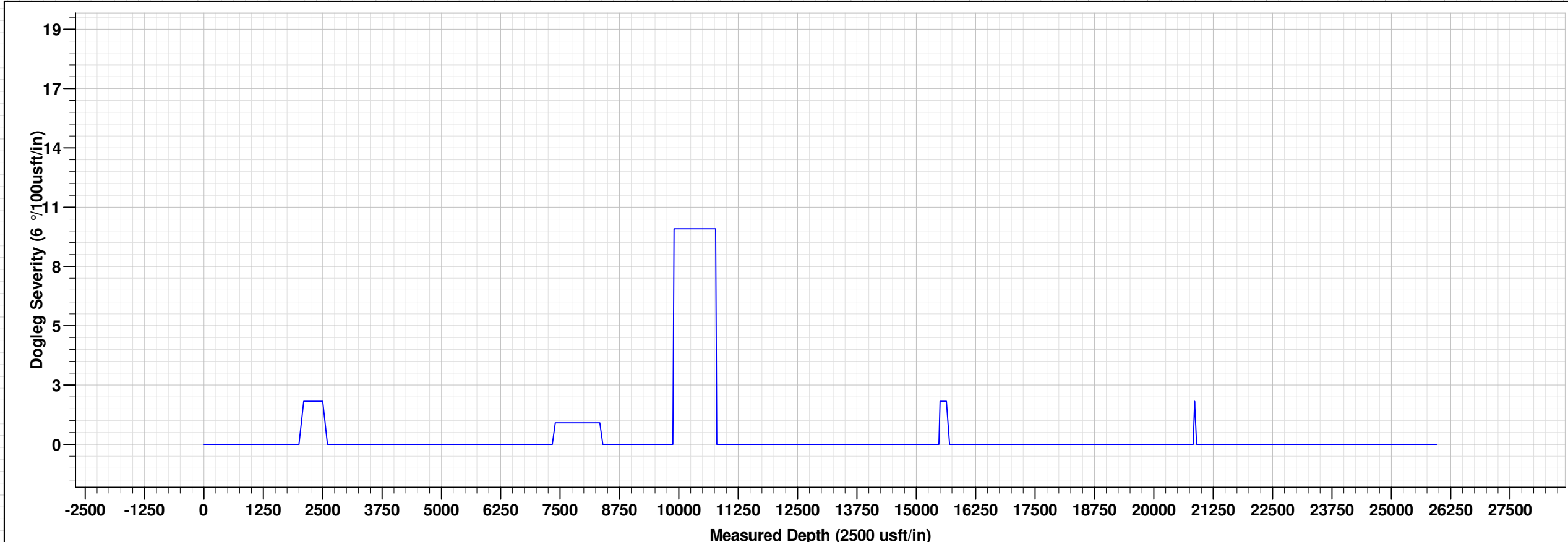
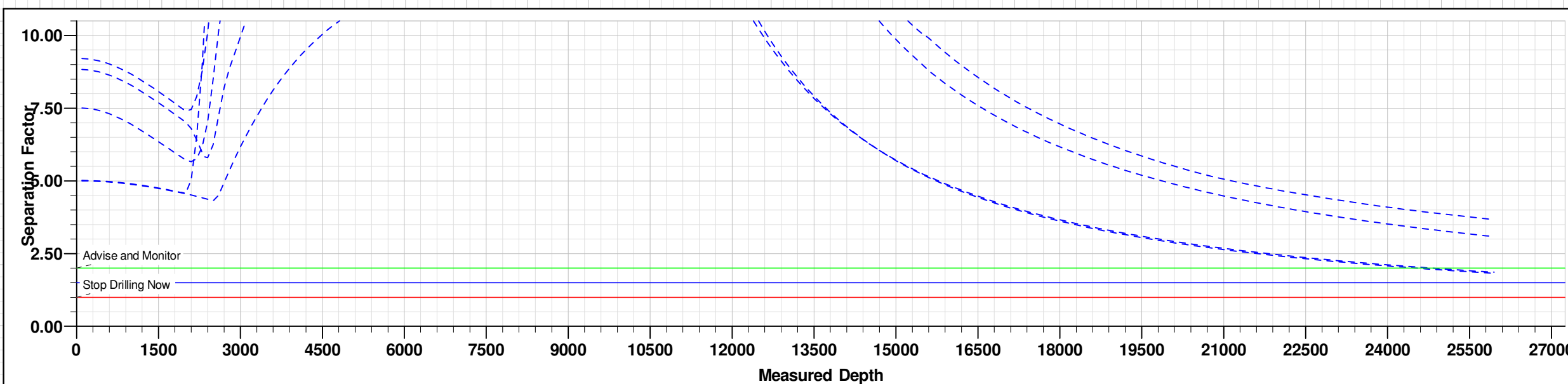
Project: ATLAS PROSPECT (NM-E)
Site: ROCK JELLY FEDERAL PROJECT (ATLAS 2629)
Well: ROCK JELLY FED COM #701H
Wellbore: OWB
Design: PWP1
GL: 2978.0
KB=25' @ 3003.0usft (P84)

WELL DETAILS: ROCK JELLY FED COM #701H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	392391.60	613615.90	32° 4' 41.769 N	103° 57' 59.448 W

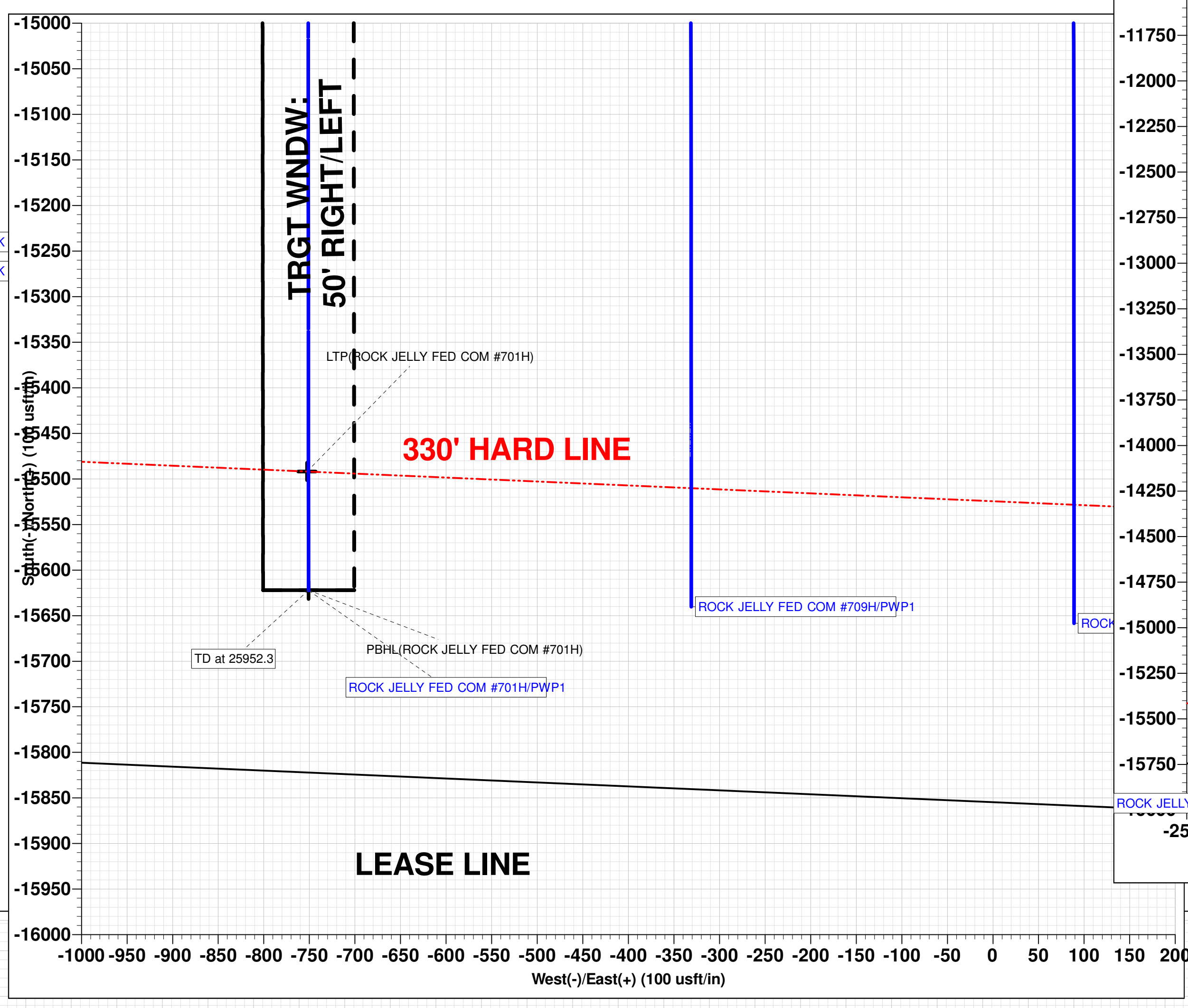
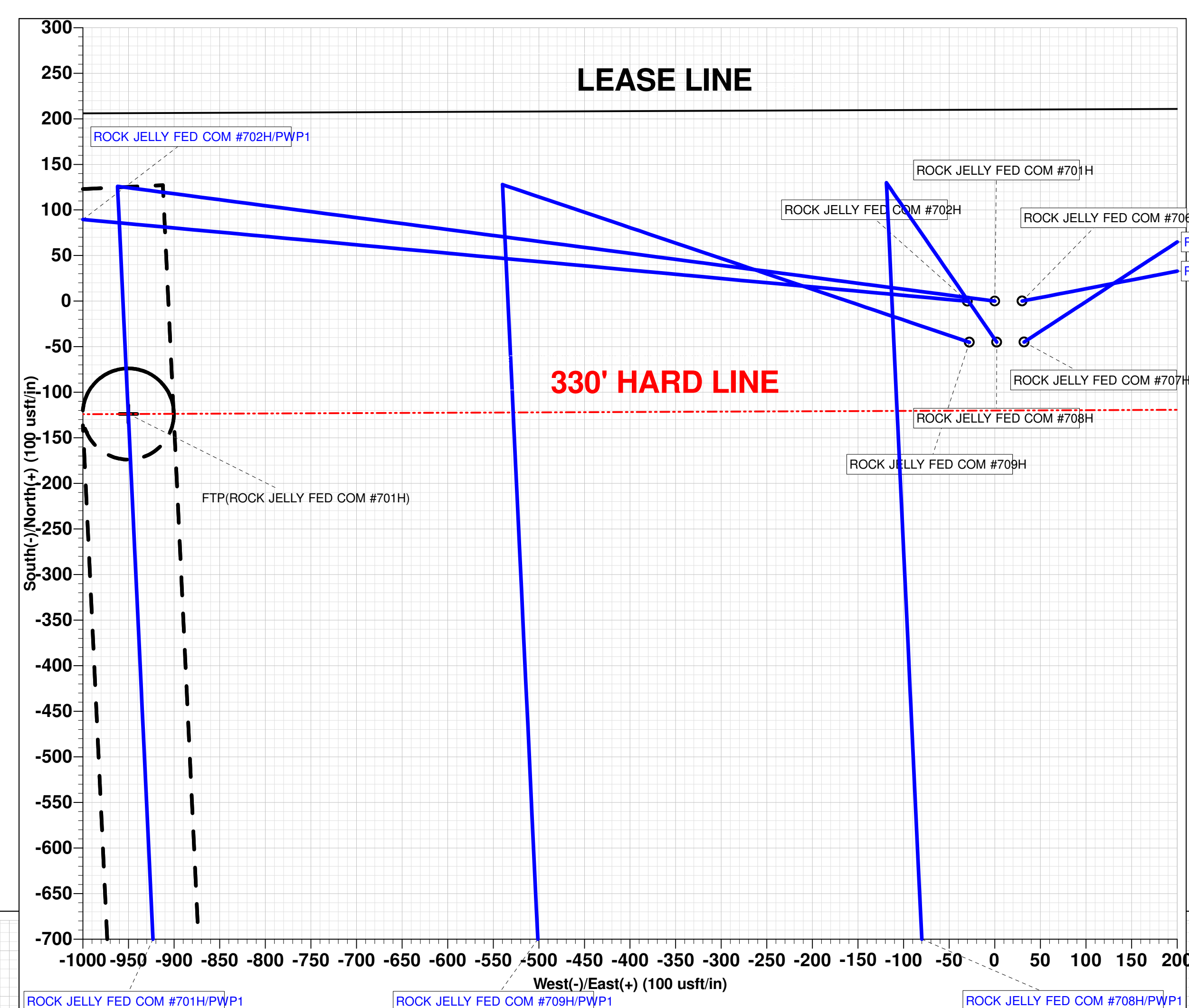
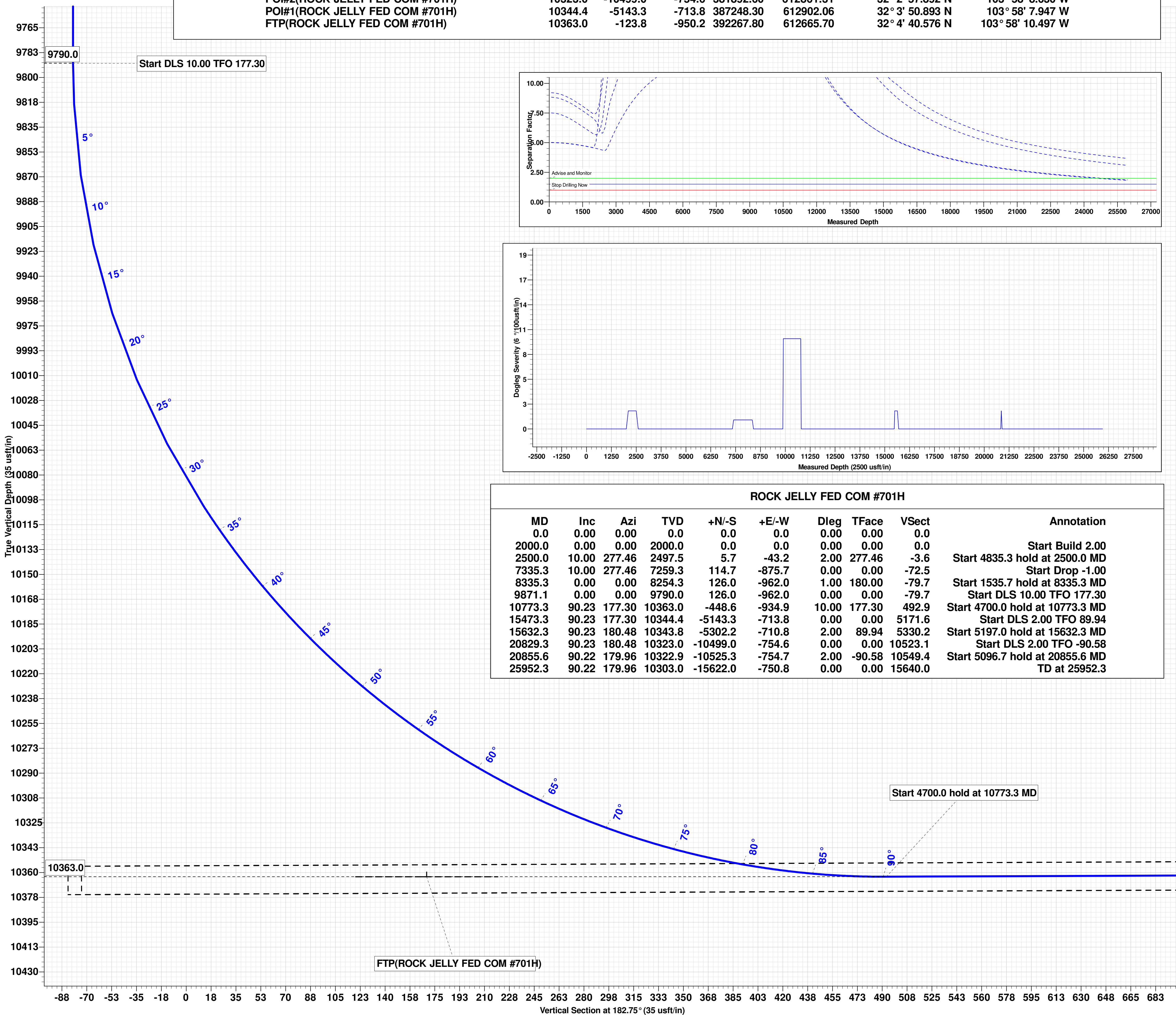
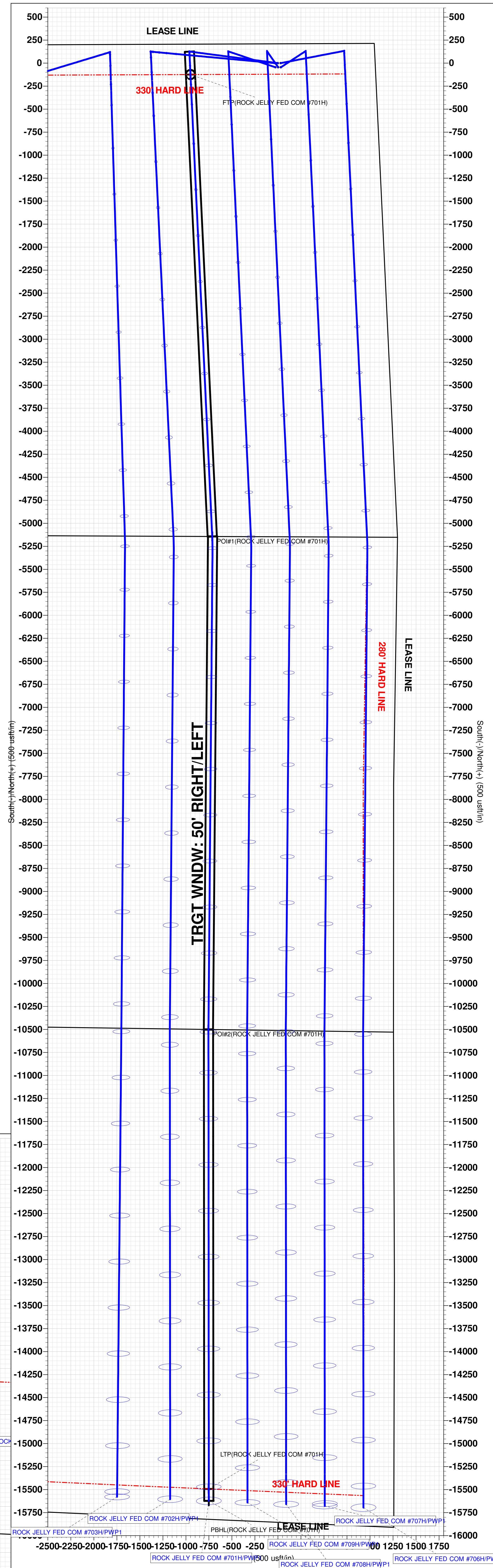
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP(ROCK JELLY FED COM #701H)	10303.0	-15491.8	-752.5	376899.80	612863.40	32° 2' 8.480 N	103° 58' 8.802 W
PBHL(ROCK JELLY FED COM #701H)	10303.0	-15622.0	-750.8	376769.60	612865.10	32° 2' 7.192 N	103° 58' 8.787 W
POI#2(ROCK JELLY FED COM #701H)	10323.0	-10499.0	-754.6	381892.60	612861.31	32° 2' 57.892 N	103° 58' 8.630 W
POI#1(ROCK JELLY FED COM #701H)	10344.4	-5143.3	-713.8	387248.30	612902.06	32° 3' 50.883 N	103° 58' 7.947 W
FTP(ROCK JELLY FED COM #701H)	10363.0	-123.8	-950.2	392267.80	612665.70	32° 4' 40.576 N	103° 58' 10.497 W

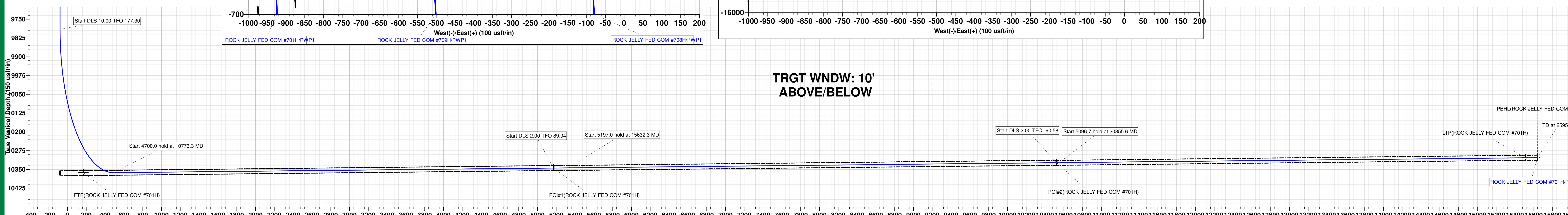


ROCK JELLY FED COM #701H

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
2500.0	10.00	277.46	2497.5	5.7	-43.2	2.00	277.46	-3.6	Start 4835.3 hold at 2500.0 MD
7335.3	10.00	277.46	7259.3	114.7	-875.7	0.00	0.00	-72.5	Start Drop -1.00
8335.3	0.00	0.00	8254.3	126.0	-962.0	1.00	180.00	-79.7	Start 1535.7 hold at 8335.3 MD
9871.1	0.00	0.00	9790.0	126.0	-962.0	0.00	0.00	-79.7	Start DLS 10.00 TFO 177.30
10773.3	90.23	177.30	10363.0	-448.6	-934.9	10.00	177.30	492.9	Start 4700.0 hold at 10773.3 MD
15473.3	90.23	177.30	10344.4	-5143.3	-713.8	0.00	0.00	5171.6	Start DLS 2.00 TFO 89.94
15632.3	90.23	180.48	10343.8	-5302.2	-710.8	2.00	89.94	5330.2	Start 5197.0 hold at 15632.3 MD
20829.3	90.23	180.48	10323.0	-10499.0	-754.6	0.00	0.00	10523.1	Start DLS 2.00 TFO -90.58
20855.6	90.22	179.96	10322.9	-10525.3	-754.7	2.00	-90.58	10549.4	Start 5096.7 hold at 20855.6 MD
25952.3	90.22	179.96	10303.0	-15622.0	-750.8	0.00	0.00	15640.0	TD at 25952.3



TRGT WNDW: 10'
ABOVE/BELOW



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 130194

COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 130194
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	Defining well 30-015-47581 ROCK JELLY FEDERAL COM #703H	8/2/2022

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

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

CONDITIONS

Action 130194

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 130194
	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