

Well Name: ROCK JELLY FEDERAL COM	Well Location: T26S / R29E / SEC 3 / NENE / 32.078004 / -103.975963	County or Parish/State: EDDY / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM13997	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154758300X1	Operator: COG OPERATING LLC	

Notice of Intent

Sundry ID: 2807760

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 08/20/2024	Time Sundry Submitted: 03:16
Date proposed operation will begin: 08/20/2024	

Procedure Description: *CORRECTED SUNDRY* COG Operating requests the following information be correctly reflected on our approved sundry 2780404 approved 4-16-24. Change Pool to Corral Canyon; Bone Spring Change BHL FROM: 50' FSL & 330' FEL Change BHL TO: 50' FSL & 930' FEL SESE 15-26S-29E Eddy, Co., NM.

NOI Attachments

Procedure Description

- RJ_701_Approved_BHL_Sundry_Approved_4_16_24_20240820151626.pdf
- ROCK_JELLY_FED_COM_701H_NAD_83_C102_signed_3_19_24_20240820151625.pdf
- ROCK_JELLY_FED_COM_701H_PWP2_AC_RPT_20240820151625.pdf
- ROCK_JELLY_FED_COM_701H_PWP2_WP_20240820151625.pdf
- ROCK_JELLY_FED_COM_701H_PWP2_PLAN_RPT_20240820151625.pdf

Received by OCD: 9/17/2024 1:49:59 PM

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Well Name: ROCK JELLY FEDERAL COM	Well Location: T26S / R29E / SEC 3 / NENE / 32.078004 / -103.975963	County or Parish/State: EDDY / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM13997	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154758300X1	Operator: COG OPERATING LLC	

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: STAN WAGNER	Signed on: AUG 20, 2024 03:16 PM
Name: COG OPERATING LLC	
Title: Regulatory Advisor	
Street Address: 600 WEST ILLINOIS AVE	
City: MIDLAND	State: TX
Phone: (432) 253-9685	
Email address: STAN.S.WAGNER@CONOCOPHILLIPS.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Accepted	Disposition Date: 09/03/2024
Signature: Keith Immatty	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	11. Country or Parish, State

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

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 recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	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	

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

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

BHL: SESE / 50 FSL / 930 FEL / TWSP: 26S / RANGE: 29E / SECTION: 15 / LAT: 32.050236 / LONG: -103.963842 (TVD: 10143 feet, MD: 20317 feet)

CONFIDENTIAL

Well Name: ROCK JELLY FEDERAL COM	Well Location: T26S / R29E / SEC 3 / NENE / 32.078004 / -103.975963	County or Parish/State: EDDY / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013997, NMNM13997	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547583	Operator: COG OPERATING LLC	

Notice of Intent

Sundry ID: 2780404

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 03/19/2024	Time Sundry Submitted: 02:34
Date proposed operation will begin: 03/19/2024	

Procedure Description: COG Operating requests a change to our approved APD for this well to reflect a change in BHL. Change BHL FROM: 50' FSL & 330' FEL Change BHL TO: 50' FSL & 930' FEL SESE 15-26S-29E Eddy Co, NM.

NOI Attachments

Procedure Description

- ROCK_JELLY_FED_COM_701H_PWP2_PLAN_RPT_20240319143332.pdf
- ROCK_JELLY_FED_COM_701H_PWP2_AC_RPT_20240319143332.pdf
- ROCK_JELLY_FED_COM_701H_PWP2_WP_20240319143332.pdf
- ROCK_JELLY_FED_COM_701H_NAD_83_C102_signed_3_19_24_20240319143332.pdf

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Page 7 of 53

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Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013997, NMNM13997	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547583	Operator: COG OPERATING LLC	

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: STAN WAGNER	Signed on: MAR 19, 2024 02:34 PM
Name: COG OPERATING LLC	
Title: Regulatory Advisor	
Street Address: 600 WEST ILLINOIS AVE	
City: MIDLAND	State: TX
Phone: (432) 253-9685	
Email address: STAN.S.WAGNER@CONOCOPHILLIPS.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Approved	Disposition Date: 04/16/2024
Signature: KEITH IMMATTY	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS
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5. Lease Serial No.
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
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	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
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	Title	
Signature	Date	

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Approved by	Title	Date
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Additional Information

Location of Well

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

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

BHL: SESE / 200 FSL / 2010 FEL / TWSP: 26S / RANGE: 29E / SECTION: 15 / LAT: 32.050236 / LONG: -103.963842 (TVD: 10143 feet, MD: 20317 feet)

CONFIDENTIAL

DELAWARE BASIN WEST

**ATLAS PROSPECT (DBW)
ROCK JELLY FEDERAL PROJECT
ROCK JELLY FEDERAL COM 701H**

OWB

Plan: PWP2

Standard Planning Report

19 March, 2024

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Project	ATLAS PROSPECT (DBW)		
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		
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

Well	ROCK JELLY FEDERAL COM 701H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	3.0 usft	Wellhead Elevation:	
Grid Convergence:	0.19 °		
		Latitude:	32° 4' 41.769 N
		Longitude:	103° 57' 59.448 W
		Ground Level:	2,978.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2022	9/5/2023	6.52	59.64	47,363.92301072

Design	PWP2			
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	178.81

Plan Survey Tool Program	Date	3/19/2024		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	24,724.0 PWP2 (OWB)	r.5 MWD+IFR1+MS	
			OWSG MWD + IFR1 + Multi-St	

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	8.00	77.50	1,398.7	6.0	27.2	2.00	2.00	0.00	77.50	
6,094.0	8.00	77.50	6,047.0	147.4	665.0	0.00	0.00	0.00	0.00	
6,894.0	0.00	0.00	6,844.4	159.5	719.4	1.00	-1.00	0.00	180.00	
8,362.1	0.00	0.00	8,312.5	159.5	719.4	0.00	0.00	0.00	0.00	
9,112.4	90.04	177.31	8,790.0	-317.8	741.9	12.00	12.00	23.63	177.31	
13,950.5	90.04	177.31	8,786.8	-5,150.5	968.8	0.00	0.00	0.00	0.00	
14,057.5	90.04	180.52	8,786.7	-5,257.6	970.8	3.00	0.00	3.00	90.00	
19,024.0	90.04	180.52	8,783.5	-10,223.8	925.4	0.00	0.00	0.00	0.00	
19,838.0	90.04	204.94	8,782.9	-11,011.8	747.3	3.00	0.00	3.00	89.99	
20,404.9	90.04	204.94	8,782.6	-11,525.8	508.2	0.00	0.00	0.00	0.00	
21,235.6	90.04	180.02	8,782.0	-12,330.5	330.1	3.00	0.00	-3.00	-89.99	
24,724.0	90.04	180.02	8,779.8	-15,818.9	328.7	0.00	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
1,100.0	2.00	77.50	1,100.0	0.4	1.7	-0.3	2.00	2.00	0.00
1,200.0	4.00	77.50	1,199.8	1.5	6.8	-1.4	2.00	2.00	0.00
1,300.0	6.00	77.50	1,299.5	3.4	15.3	-3.1	2.00	2.00	0.00
1,400.0	8.00	77.50	1,398.7	6.0	27.2	-5.5	2.00	2.00	0.00
Start 4694.0 hold at 1400.0 MD									
1,500.0	8.00	77.50	1,497.7	9.0	40.8	-8.2	0.00	0.00	0.00
1,600.0	8.00	77.50	1,596.8	12.1	54.4	-10.9	0.00	0.00	0.00
1,700.0	8.00	77.50	1,695.8	15.1	68.0	-13.7	0.00	0.00	0.00
1,800.0	8.00	77.50	1,794.8	18.1	81.6	-16.4	0.00	0.00	0.00
1,900.0	8.00	77.50	1,893.8	21.1	95.2	-19.1	0.00	0.00	0.00
2,000.0	8.00	77.50	1,992.9	24.1	108.7	-21.8	0.00	0.00	0.00
2,100.0	8.00	77.50	2,091.9	27.1	122.3	-24.6	0.00	0.00	0.00
2,200.0	8.00	77.50	2,190.9	30.1	135.9	-27.3	0.00	0.00	0.00
2,300.0	8.00	77.50	2,289.9	33.1	149.5	-30.0	0.00	0.00	0.00
2,400.0	8.00	77.50	2,389.0	36.2	163.1	-32.8	0.00	0.00	0.00
2,500.0	8.00	77.50	2,488.0	39.2	176.7	-35.5	0.00	0.00	0.00
2,600.0	8.00	77.50	2,587.0	42.2	190.3	-38.2	0.00	0.00	0.00
2,700.0	8.00	77.50	2,686.1	45.2	203.9	-40.9	0.00	0.00	0.00
2,800.0	8.00	77.50	2,785.1	48.2	217.4	-43.7	0.00	0.00	0.00
2,900.0	8.00	77.50	2,884.1	51.2	231.0	-46.4	0.00	0.00	0.00
3,000.0	8.00	77.50	2,983.1	54.2	244.6	-49.1	0.00	0.00	0.00
3,100.0	8.00	77.50	3,082.2	57.2	258.2	-51.9	0.00	0.00	0.00
3,200.0	8.00	77.50	3,181.2	60.3	271.8	-54.6	0.00	0.00	0.00
3,300.0	8.00	77.50	3,280.2	63.3	285.4	-57.3	0.00	0.00	0.00
3,400.0	8.00	77.50	3,379.2	66.3	299.0	-60.1	0.00	0.00	0.00
3,500.0	8.00	77.50	3,478.3	69.3	312.6	-62.8	0.00	0.00	0.00
3,600.0	8.00	77.50	3,577.3	72.3	326.1	-65.5	0.00	0.00	0.00
3,700.0	8.00	77.50	3,676.3	75.3	339.7	-68.2	0.00	0.00	0.00
3,800.0	8.00	77.50	3,775.3	78.3	353.3	-71.0	0.00	0.00	0.00
3,900.0	8.00	77.50	3,874.4	81.3	366.9	-73.7	0.00	0.00	0.00
4,000.0	8.00	77.50	3,973.4	84.4	380.5	-76.4	0.00	0.00	0.00
4,100.0	8.00	77.50	4,072.4	87.4	394.1	-79.2	0.00	0.00	0.00
4,200.0	8.00	77.50	4,171.5	90.4	407.7	-81.9	0.00	0.00	0.00
4,300.0	8.00	77.50	4,270.5	93.4	421.3	-84.6	0.00	0.00	0.00
4,400.0	8.00	77.50	4,369.5	96.4	434.8	-87.3	0.00	0.00	0.00
4,500.0	8.00	77.50	4,468.5	99.4	448.4	-90.1	0.00	0.00	0.00
4,600.0	8.00	77.50	4,567.6	102.4	462.0	-92.8	0.00	0.00	0.00
4,700.0	8.00	77.50	4,666.6	105.4	475.6	-95.5	0.00	0.00	0.00
4,800.0	8.00	77.50	4,765.6	108.5	489.2	-98.3	0.00	0.00	0.00
4,900.0	8.00	77.50	4,864.6	111.5	502.8	-101.0	0.00	0.00	0.00
5,000.0	8.00	77.50	4,963.7	114.5	516.4	-103.7	0.00	0.00	0.00
5,100.0	8.00	77.50	5,062.7	117.5	530.0	-106.5	0.00	0.00	0.00

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Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)	
5,200.0	8.00	77.50	5,161.7	120.5	543.5	-109.2	0.00	0.00	0.00	
5,300.0	8.00	77.50	5,260.7	123.5	557.1	-111.9	0.00	0.00	0.00	
5,400.0	8.00	77.50	5,359.8	126.5	570.7	-114.6	0.00	0.00	0.00	
5,500.0	8.00	77.50	5,458.8	129.5	584.3	-117.4	0.00	0.00	0.00	
5,600.0	8.00	77.50	5,557.8	132.5	597.9	-120.1	0.00	0.00	0.00	
5,700.0	8.00	77.50	5,656.9	135.6	611.5	-122.8	0.00	0.00	0.00	
5,800.0	8.00	77.50	5,755.9	138.6	625.1	-125.6	0.00	0.00	0.00	
5,900.0	8.00	77.50	5,854.9	141.6	638.7	-128.3	0.00	0.00	0.00	
6,000.0	8.00	77.50	5,953.9	144.6	652.2	-131.0	0.00	0.00	0.00	
6,094.0	8.00	77.50	6,047.0	147.4	665.0	-133.6	0.00	0.00	0.00	
Start Drop -1.00										
6,100.0	7.94	77.50	6,053.0	147.6	665.8	-133.7	1.00	-1.00	0.00	
6,200.0	6.94	77.50	6,152.1	150.4	678.5	-136.3	1.00	-1.00	0.00	
6,300.0	5.94	77.50	6,251.5	152.8	689.4	-138.5	1.00	-1.00	0.00	
6,400.0	4.94	77.50	6,351.0	154.9	698.7	-140.3	1.00	-1.00	0.00	
6,500.0	3.94	77.50	6,450.7	156.6	706.2	-141.9	1.00	-1.00	0.00	
6,600.0	2.94	77.50	6,550.6	157.9	712.1	-143.0	1.00	-1.00	0.00	
6,700.0	1.94	77.50	6,650.5	158.8	716.2	-143.9	1.00	-1.00	0.00	
6,800.0	0.94	77.50	6,750.4	159.3	718.7	-144.4	1.00	-1.00	0.00	
6,894.0	0.00	0.00	6,844.4	159.5	719.4	-144.5	1.00	-1.00	0.00	
Start 1468.1 hold at 6894.0 MD										
6,900.0	0.00	0.00	6,850.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,950.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,050.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,150.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,250.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,350.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,450.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,550.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,650.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,750.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,850.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,950.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,050.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,150.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,250.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,362.1	0.00	0.00	8,312.5	159.5	719.4	-144.5	0.00	0.00	0.00	
Start DLS 12.00 TFO 177.31										
8,400.0	4.55	177.31	8,350.4	158.0	719.5	-143.0	12.00	12.00	0.00	
8,500.0	16.55	177.31	8,448.5	139.7	720.4	-124.7	12.00	12.00	0.00	
8,600.0	28.55	177.31	8,540.7	101.5	722.2	-86.5	12.00	12.00	0.00	
8,700.0	40.55	177.31	8,622.9	45.0	724.8	-29.9	12.00	12.00	0.00	
8,765.6	48.42	177.31	8,669.7	-0.9	727.0	16.0	12.00	12.00	0.00	
FTP ROCK JELLY FED COM 701H										
8,800.0	52.55	177.31	8,691.6	-27.4	728.2	42.6	12.00	12.00	0.00	
8,900.0	64.55	177.31	8,743.6	-112.5	732.2	127.7	12.00	12.00	0.00	
9,000.0	76.55	177.31	8,776.9	-206.5	736.6	221.8	12.00	12.00	0.00	
9,100.0	88.55	177.31	8,789.8	-305.4	741.3	320.7	12.00	12.00	0.00	
9,112.4	90.04	177.31	8,790.0	-317.8	741.9	333.1	12.00	12.00	0.00	
Start 4838.1 hold at 9112.4 MD										
9,200.0	90.04	177.31	8,789.9	-405.3	746.0	420.7	0.00	0.00	0.00	
9,300.0	90.04	177.31	8,789.8	-505.2	750.7	520.6	0.00	0.00	0.00	
9,400.0	90.04	177.31	8,789.8	-605.0	755.3	620.6	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,500.0	90.04	177.31	8,789.7	-704.9	760.0	720.6	0.00	0.00	0.00
9,600.0	90.04	177.31	8,789.6	-804.8	764.7	820.5	0.00	0.00	0.00
9,700.0	90.04	177.31	8,789.6	-904.7	769.4	920.5	0.00	0.00	0.00
9,800.0	90.04	177.31	8,789.5	-1,004.6	774.1	1,020.5	0.00	0.00	0.00
9,900.0	90.04	177.31	8,789.4	-1,104.5	778.8	1,120.4	0.00	0.00	0.00
10,000.0	90.04	177.31	8,789.4	-1,204.4	783.5	1,220.4	0.00	0.00	0.00
10,100.0	90.04	177.31	8,789.3	-1,304.3	788.2	1,320.4	0.00	0.00	0.00
10,200.0	90.04	177.31	8,789.3	-1,404.2	792.9	1,420.3	0.00	0.00	0.00
10,300.0	90.04	177.31	8,789.2	-1,504.1	797.6	1,520.3	0.00	0.00	0.00
10,400.0	90.04	177.31	8,789.1	-1,603.9	802.3	1,620.3	0.00	0.00	0.00
10,500.0	90.04	177.31	8,789.1	-1,703.8	806.9	1,720.2	0.00	0.00	0.00
10,600.0	90.04	177.31	8,789.0	-1,803.7	811.6	1,820.2	0.00	0.00	0.00
10,700.0	90.04	177.31	8,788.9	-1,903.6	816.3	1,920.2	0.00	0.00	0.00
10,800.0	90.04	177.31	8,788.9	-2,003.5	821.0	2,020.1	0.00	0.00	0.00
10,900.0	90.04	177.31	8,788.8	-2,103.4	825.7	2,120.1	0.00	0.00	0.00
11,000.0	90.04	177.31	8,788.7	-2,203.3	830.4	2,220.1	0.00	0.00	0.00
11,100.0	90.04	177.31	8,788.7	-2,303.2	835.1	2,320.0	0.00	0.00	0.00
11,200.0	90.04	177.31	8,788.6	-2,403.1	839.8	2,420.0	0.00	0.00	0.00
11,300.0	90.04	177.31	8,788.5	-2,503.0	844.5	2,520.0	0.00	0.00	0.00
11,400.0	90.04	177.31	8,788.5	-2,602.8	849.2	2,619.9	0.00	0.00	0.00
11,500.0	90.04	177.31	8,788.4	-2,702.7	853.9	2,719.9	0.00	0.00	0.00
11,600.0	90.04	177.31	8,788.3	-2,802.6	858.5	2,819.9	0.00	0.00	0.00
11,700.0	90.04	177.31	8,788.3	-2,902.5	863.2	2,919.8	0.00	0.00	0.00
11,800.0	90.04	177.31	8,788.2	-3,002.4	867.9	3,019.8	0.00	0.00	0.00
11,900.0	90.04	177.31	8,788.1	-3,102.3	872.6	3,119.8	0.00	0.00	0.00
12,000.0	90.04	177.31	8,788.1	-3,202.2	877.3	3,219.7	0.00	0.00	0.00
12,100.0	90.04	177.31	8,788.0	-3,302.1	882.0	3,319.7	0.00	0.00	0.00
12,200.0	90.04	177.31	8,787.9	-3,402.0	886.7	3,419.7	0.00	0.00	0.00
12,300.0	90.04	177.31	8,787.9	-3,501.9	891.4	3,519.6	0.00	0.00	0.00
12,400.0	90.04	177.31	8,787.8	-3,601.7	896.1	3,619.6	0.00	0.00	0.00
12,500.0	90.04	177.31	8,787.7	-3,701.6	900.8	3,719.5	0.00	0.00	0.00
12,600.0	90.04	177.31	8,787.7	-3,801.5	905.5	3,819.5	0.00	0.00	0.00
12,700.0	90.04	177.31	8,787.6	-3,901.4	910.1	3,919.5	0.00	0.00	0.00
12,800.0	90.04	177.31	8,787.6	-4,001.3	914.8	4,019.4	0.00	0.00	0.00
12,900.0	90.04	177.31	8,787.5	-4,101.2	919.5	4,119.4	0.00	0.00	0.00
13,000.0	90.04	177.31	8,787.4	-4,201.1	924.2	4,219.4	0.00	0.00	0.00
13,100.0	90.04	177.31	8,787.4	-4,301.0	928.9	4,319.3	0.00	0.00	0.00
13,200.0	90.04	177.31	8,787.3	-4,400.9	933.6	4,419.3	0.00	0.00	0.00
13,300.0	90.04	177.31	8,787.2	-4,500.8	938.3	4,519.3	0.00	0.00	0.00
13,400.0	90.04	177.31	8,787.2	-4,600.6	943.0	4,619.2	0.00	0.00	0.00
13,500.0	90.04	177.31	8,787.1	-4,700.5	947.7	4,719.2	0.00	0.00	0.00
13,600.0	90.04	177.31	8,787.0	-4,800.4	952.4	4,819.2	0.00	0.00	0.00
13,700.0	90.04	177.31	8,787.0	-4,900.3	957.1	4,919.1	0.00	0.00	0.00
13,800.0	90.04	177.31	8,786.9	-5,000.2	961.7	5,019.1	0.00	0.00	0.00
13,900.0	90.04	177.31	8,786.8	-5,100.1	966.4	5,119.1	0.00	0.00	0.00
13,950.5	90.04	177.31	8,786.8	-5,150.5	968.8	5,169.5	0.00	0.00	0.00
Start DLS 3.00 TFO 90.00 - PPP3 ROCK JELLY 701H									
14,000.0	90.04	178.80	8,786.8	-5,200.0	970.5	5,219.0	3.00	0.00	3.00
14,057.5	90.04	180.52	8,786.7	-5,257.6	970.8	5,276.6	3.00	0.00	3.00
Start 4966.5 hold at 14057.5 MD									
14,100.0	90.04	180.52	8,786.7	-5,300.0	970.4	5,319.0	0.00	0.00	0.00
14,200.0	90.04	180.52	8,786.6	-5,400.0	969.5	5,419.0	0.00	0.00	0.00
14,300.0	90.04	180.52	8,786.6	-5,500.0	968.6	5,518.9	0.00	0.00	0.00
14,400.0	90.04	180.52	8,786.5	-5,600.0	967.7	5,618.9	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,500.0	90.04	180.52	8,786.4	-5,700.0	966.8	5,718.8	0.00	0.00	0.00
14,600.0	90.04	180.52	8,786.4	-5,800.0	965.9	5,818.8	0.00	0.00	0.00
14,700.0	90.04	180.52	8,786.3	-5,900.0	964.9	5,918.8	0.00	0.00	0.00
14,800.0	90.04	180.52	8,786.2	-6,000.0	964.0	6,018.7	0.00	0.00	0.00
14,900.0	90.04	180.52	8,786.2	-6,100.0	963.1	6,118.7	0.00	0.00	0.00
15,000.0	90.04	180.52	8,786.1	-6,200.0	962.2	6,218.6	0.00	0.00	0.00
15,100.0	90.04	180.52	8,786.0	-6,300.0	961.3	6,318.6	0.00	0.00	0.00
15,200.0	90.04	180.52	8,786.0	-6,400.0	960.4	6,418.5	0.00	0.00	0.00
15,300.0	90.04	180.52	8,785.9	-6,500.0	959.5	6,518.5	0.00	0.00	0.00
15,400.0	90.04	180.52	8,785.9	-6,599.9	958.5	6,618.4	0.00	0.00	0.00
15,500.0	90.04	180.52	8,785.8	-6,699.9	957.6	6,718.4	0.00	0.00	0.00
15,600.0	90.04	180.52	8,785.7	-6,799.9	956.7	6,818.3	0.00	0.00	0.00
15,700.0	90.04	180.52	8,785.7	-6,899.9	955.8	6,918.3	0.00	0.00	0.00
15,800.0	90.04	180.52	8,785.6	-6,999.9	954.9	7,018.3	0.00	0.00	0.00
15,900.0	90.04	180.52	8,785.5	-7,099.9	954.0	7,118.2	0.00	0.00	0.00
16,000.0	90.04	180.52	8,785.5	-7,199.9	953.1	7,218.2	0.00	0.00	0.00
16,100.0	90.04	180.52	8,785.4	-7,299.9	952.1	7,318.1	0.00	0.00	0.00
16,200.0	90.04	180.52	8,785.3	-7,399.9	951.2	7,418.1	0.00	0.00	0.00
16,300.0	90.04	180.52	8,785.3	-7,499.9	950.3	7,518.0	0.00	0.00	0.00
16,400.0	90.04	180.52	8,785.2	-7,599.9	949.4	7,618.0	0.00	0.00	0.00
16,500.0	90.04	180.52	8,785.1	-7,699.9	948.5	7,717.9	0.00	0.00	0.00
16,600.0	90.04	180.52	8,785.1	-7,799.9	947.6	7,817.9	0.00	0.00	0.00
16,700.0	90.04	180.52	8,785.0	-7,899.9	946.7	7,917.9	0.00	0.00	0.00
16,800.0	90.04	180.52	8,784.9	-7,999.9	945.7	8,017.8	0.00	0.00	0.00
16,900.0	90.04	180.52	8,784.9	-8,099.9	944.8	8,117.8	0.00	0.00	0.00
17,000.0	90.04	180.52	8,784.8	-8,199.9	943.9	8,217.7	0.00	0.00	0.00
17,100.0	90.04	180.52	8,784.7	-8,299.9	943.0	8,317.7	0.00	0.00	0.00
17,200.0	90.04	180.52	8,784.7	-8,399.9	942.1	8,417.6	0.00	0.00	0.00
17,300.0	90.04	180.52	8,784.6	-8,499.9	941.2	8,517.6	0.00	0.00	0.00
17,400.0	90.04	180.52	8,784.5	-8,599.9	940.3	8,617.5	0.00	0.00	0.00
17,500.0	90.04	180.52	8,784.5	-8,699.9	939.3	8,717.5	0.00	0.00	0.00
17,600.0	90.04	180.52	8,784.4	-8,799.9	938.4	8,817.5	0.00	0.00	0.00
17,700.0	90.04	180.52	8,784.3	-8,899.9	937.5	8,917.4	0.00	0.00	0.00
17,800.0	90.04	180.52	8,784.3	-8,999.8	936.6	9,017.4	0.00	0.00	0.00
17,900.0	90.04	180.52	8,784.2	-9,099.8	935.7	9,117.3	0.00	0.00	0.00
18,000.0	90.04	180.52	8,784.1	-9,199.8	934.8	9,217.3	0.00	0.00	0.00
18,100.0	90.04	180.52	8,784.1	-9,299.8	933.9	9,317.2	0.00	0.00	0.00
18,200.0	90.04	180.52	8,784.0	-9,399.8	932.9	9,417.2	0.00	0.00	0.00
18,300.0	90.04	180.52	8,784.0	-9,499.8	932.0	9,517.1	0.00	0.00	0.00
18,400.0	90.04	180.52	8,783.9	-9,599.8	931.1	9,617.1	0.00	0.00	0.00
18,500.0	90.04	180.52	8,783.8	-9,699.8	930.2	9,717.0	0.00	0.00	0.00
18,600.0	90.04	180.52	8,783.8	-9,799.8	929.3	9,817.0	0.00	0.00	0.00
18,700.0	90.04	180.52	8,783.7	-9,899.8	928.4	9,917.0	0.00	0.00	0.00
18,800.0	90.04	180.52	8,783.6	-9,999.8	927.4	10,016.9	0.00	0.00	0.00
18,900.0	90.04	180.52	8,783.6	-10,099.8	926.5	10,116.9	0.00	0.00	0.00
19,000.0	90.04	180.52	8,783.5	-10,199.8	925.6	10,216.8	0.00	0.00	0.00
19,024.0	90.04	180.52	8,783.5	-10,223.8	925.4	10,240.8	0.00	0.00	0.00
Start DLS 3.00 TFO 89.99 - PPP5 TURN ROCK JELLY 701H									
19,100.0	90.04	182.80	8,783.4	-10,299.8	923.2	10,316.7	3.00	0.00	3.00
19,200.0	90.04	185.80	8,783.4	-10,399.5	915.7	10,416.2	3.00	0.00	3.00
19,300.0	90.04	188.80	8,783.3	-10,498.6	903.0	10,515.1	3.00	0.00	3.00
19,400.0	90.04	191.80	8,783.2	-10,597.0	885.1	10,613.1	3.00	0.00	3.00
19,500.0	90.04	194.80	8,783.2	-10,694.3	862.1	10,709.9	3.00	0.00	3.00
19,600.0	90.04	197.80	8,783.1	-10,790.3	834.0	10,805.3	3.00	0.00	3.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,700.0	90.04	200.80	8,783.0	-10,884.7	801.0	10,898.9	3.00	0.00	3.00
19,800.0	90.04	203.80	8,783.0	-10,977.2	763.0	10,990.6	3.00	0.00	3.00
19,838.0	90.04	204.94	8,782.9	-11,011.8	747.3	11,024.9	3.00	0.00	3.00
Start 567.0 hold at 19838.0 MD									
19,900.0	90.04	204.94	8,782.9	-11,068.0	721.2	11,080.6	0.00	0.00	0.00
20,000.0	90.04	204.94	8,782.8	-11,158.7	679.0	11,170.4	0.00	0.00	0.00
20,100.0	90.04	204.94	8,782.8	-11,249.3	636.8	11,260.1	0.00	0.00	0.00
20,200.0	90.04	204.94	8,782.7	-11,340.0	594.7	11,349.9	0.00	0.00	0.00
20,300.0	90.04	204.94	8,782.6	-11,430.7	552.5	11,439.7	0.00	0.00	0.00
20,400.0	90.04	204.94	8,782.6	-11,521.4	510.3	11,529.5	0.00	0.00	0.00
20,404.9	90.04	204.94	8,782.6	-11,525.8	508.2	11,533.9	0.00	0.00	0.00
Start DLS 3.00 TFO -89.99									
20,500.0	90.04	202.09	8,782.5	-11,613.0	470.3	11,620.3	3.00	0.00	-3.00
20,600.0	90.04	199.09	8,782.5	-11,706.6	435.1	11,713.1	3.00	0.00	-3.00
20,700.0	90.04	196.09	8,782.4	-11,801.9	404.9	11,807.8	3.00	0.00	-3.00
20,768.7	90.04	194.03	8,782.3	-11,868.3	387.1	11,873.8	3.00	0.00	-3.00
POI ROCK JELLY 701H									
20,800.0	90.04	193.09	8,782.3	-11,898.7	379.7	11,904.0	3.00	0.00	-3.00
20,900.0	90.04	190.09	8,782.3	-11,996.6	359.6	12,001.5	3.00	0.00	-3.00
21,000.0	90.04	187.09	8,782.2	-12,095.5	344.7	12,100.0	3.00	0.00	-3.00
21,100.0	90.04	184.09	8,782.1	-12,195.0	335.0	12,199.3	3.00	0.00	-3.00
21,200.0	90.04	181.09	8,782.1	-12,294.9	330.4	12,299.1	3.00	0.00	-3.00
21,235.6	90.04	180.02	8,782.0	-12,330.5	330.1	12,334.7	3.00	0.00	-3.00
Start 3488.4 hold at 21235.6 MD - POI END TURN ROCK JELLY 701H									
21,300.0	90.04	180.02	8,782.0	-12,394.9	330.1	12,399.1	0.00	0.00	0.00
21,400.0	90.04	180.02	8,781.9	-12,494.9	330.0	12,499.0	0.00	0.00	0.00
21,500.0	90.04	180.02	8,781.9	-12,594.9	330.0	12,599.0	0.00	0.00	0.00
21,600.0	90.04	180.02	8,781.8	-12,694.9	330.0	12,699.0	0.00	0.00	0.00
21,700.0	90.04	180.02	8,781.7	-12,794.9	329.9	12,799.0	0.00	0.00	0.00
21,800.0	90.04	180.02	8,781.7	-12,894.9	329.9	12,899.0	0.00	0.00	0.00
21,900.0	90.04	180.02	8,781.6	-12,994.9	329.8	12,998.9	0.00	0.00	0.00
22,000.0	90.04	180.02	8,781.5	-13,094.9	329.8	13,098.9	0.00	0.00	0.00
22,100.0	90.04	180.02	8,781.5	-13,194.9	329.8	13,198.9	0.00	0.00	0.00
22,200.0	90.04	180.02	8,781.4	-13,294.9	329.7	13,298.9	0.00	0.00	0.00
22,300.0	90.04	180.02	8,781.4	-13,394.9	329.7	13,398.8	0.00	0.00	0.00
22,400.0	90.04	180.02	8,781.3	-13,494.9	329.6	13,498.8	0.00	0.00	0.00
22,500.0	90.04	180.02	8,781.2	-13,594.9	329.6	13,598.8	0.00	0.00	0.00
22,600.0	90.04	180.02	8,781.2	-13,694.9	329.6	13,698.8	0.00	0.00	0.00
22,700.0	90.04	180.02	8,781.1	-13,794.9	329.5	13,798.8	0.00	0.00	0.00
22,800.0	90.04	180.02	8,781.0	-13,894.9	329.5	13,898.7	0.00	0.00	0.00
22,900.0	90.04	180.02	8,781.0	-13,994.9	329.4	13,998.7	0.00	0.00	0.00
23,000.0	90.04	180.02	8,780.9	-14,094.9	329.4	14,098.7	0.00	0.00	0.00
23,100.0	90.04	180.02	8,780.8	-14,194.9	329.4	14,198.7	0.00	0.00	0.00
23,200.0	90.04	180.02	8,780.8	-14,294.9	329.3	14,298.6	0.00	0.00	0.00
23,300.0	90.04	180.02	8,780.7	-14,394.9	329.3	14,398.6	0.00	0.00	0.00
23,400.0	90.04	180.02	8,780.6	-14,494.9	329.2	14,498.6	0.00	0.00	0.00
23,500.0	90.04	180.02	8,780.6	-14,594.9	329.2	14,598.6	0.00	0.00	0.00
23,600.0	90.04	180.02	8,780.5	-14,694.9	329.2	14,698.5	0.00	0.00	0.00
23,700.0	90.04	180.02	8,780.4	-14,794.9	329.1	14,798.5	0.00	0.00	0.00
23,800.0	90.04	180.02	8,780.4	-14,894.9	329.1	14,898.5	0.00	0.00	0.00
23,900.0	90.04	180.02	8,780.3	-14,994.9	329.0	14,998.5	0.00	0.00	0.00
24,000.0	90.04	180.02	8,780.3	-15,094.9	329.0	15,098.5	0.00	0.00	0.00
24,100.0	90.04	180.02	8,780.2	-15,194.9	329.0	15,198.4	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)	
24,200.0	90.04	180.02	8,780.1	-15,294.9	328.9	15,298.4	0.00	0.00	0.00	
24,300.0	90.04	180.02	8,780.1	-15,394.9	328.9	15,398.4	0.00	0.00	0.00	
24,400.0	90.04	180.02	8,780.0	-15,494.9	328.8	15,498.4	0.00	0.00	0.00	
24,500.0	90.04	180.02	8,779.9	-15,594.9	328.8	15,598.3	0.00	0.00	0.00	
24,600.0	90.04	180.02	8,779.9	-15,694.9	328.7	15,698.3	0.00	0.00	0.00	
24,674.0	90.04	180.02	8,779.8	-15,768.9	328.7	15,772.3	0.00	0.00	0.00	
LTP_ROCK JELLY FED COM 701H										
24,700.0	90.04	180.02	8,779.8	-15,794.9	328.7	15,798.3	0.00	0.00	0.00	
24,724.0	90.04	180.02	8,779.8	-15,818.9	328.7	15,822.3	0.00	0.00	0.00	
TD at 24724.0 - PBHL_ROCK JELLY FED COM 701H										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
PBHL_ROCK JELLY FE	0.04	359.25	8,780.0	-15,818.9	328.7	376,572.70	613,944.60	32° 2' 5.207 N	103° 57' 56.254 W	
- plan misses target center by 0.2usft at 24724.0usft MD (8779.8 TVD, -15818.9 N, 328.7 E)										
- Rectangle (sides W100.0 H3,700.0 D20.0)										
LTP_ROCK JELLY FED	90.00	179.72	8,780.0	-15,768.9	328.7	376,622.70	613,944.60	32° 2' 5.702 N	103° 57' 56.252 W	
- plan misses target center by 0.2usft at 24674.0usft MD (8779.8 TVD, -15768.9 N, 328.7 E)										
- Circle (radius 50.0)										
POI END TURN ROCK ,	0.04	359.73	8,782.0	-12,330.5	330.1	380,061.10	613,946.00	32° 2' 39.730 N	103° 57' 56.100 W	
- plan hits target center										
- Rectangle (sides W100.0 H1,700.0 D20.0)										
PPP5 TURN ROCK JEL	0.04	359.73	8,783.5	-10,223.8	925.4	382,167.80	614,541.30	32° 3' 0.559 N	103° 57' 49.099 W	
- plan hits target center										
- Rectangle (sides W100.0 H5,400.0 D20.0)										
POI ROCK JELLY 701H	0.00	0.00	8,785.0	-11,853.5	330.3	380,538.10	613,946.20	32° 2' 44.450 N	103° 57' 56.078 W	
- plan misses target center by 58.7usft at 20768.7usft MD (8782.3 TVD, -11868.3 N, 387.1 E)										
- Point										
PPP3 ROCK JELLY 701	0.04	359.73	8,786.8	-5,150.5	968.8	387,241.10	614,584.70	32° 3' 50.765 N	103° 57' 48.393 W	
- plan hits target center										
- Rectangle (sides W100.0 H4,900.0 D20.0)										
FTP_ROCK JELLY FED	0.00	0.00	8,790.0	112.9	720.5	392,504.50	614,336.40	32° 4' 42.862 N	103° 57' 51.069 W	
- plan misses target center by 165.8usft at 8765.6usft MD (8669.7 TVD, -0.9 N, 727.0 E)										
- Circle (radius 50.0)										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
24,724.1	8,779.8	5-1/2" Production Casing	5-1/2	6-3/4	

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1,000.0	1,000.0	0.0	0.0	Start Build 2.00	
1,400.0	1,398.7	6.0	27.2	Start 4694.0 hold at 1400.0 MD	
6,094.0	6,047.0	147.4	665.0	Start Drop -1.00	
6,894.0	6,844.4	159.5	719.4	Start 1468.1 hold at 6894.0 MD	
8,362.1	8,312.5	159.5	719.4	Start DLS 12.00 TFO 177.31	
9,112.4	8,790.0	-317.8	741.9	Start 4838.1 hold at 9112.4 MD	
13,950.5	8,786.8	-5,150.5	968.8	Start DLS 3.00 TFO 90.00	
14,057.5	8,786.7	-5,257.6	970.8	Start 4966.5 hold at 14057.5 MD	
19,024.0	8,783.5	-10,223.8	925.4	Start DLS 3.00 TFO 89.99	
19,838.0	8,782.9	-11,011.8	747.3	Start 567.0 hold at 19838.0 MD	
20,404.9	8,782.6	-11,525.8	508.2	Start DLS 3.00 TFO -89.99	
21,235.6	8,782.0	-12,330.5	330.1	Start 3488.4 hold at 21235.6 MD	
24,724.0	8,779.8	-15,818.9	328.7	TD at 24724.0	

DELAWARE BASIN WEST

ATLAS PROSPECT (DBW)

ROCK JELLY FEDERAL PROJECT

ROCK JELLY FEDERAL COM 701H

OWB

PWP2

Anticollision Report

19 March, 2024

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Reference	PWP2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.0usft	Error Surface:	Combined Pedal Curve
Warning Levels Evaluated at:	2.79 Sigma	Casing Method:	Added to Error Values

Survey Tool Program	Date	3/19/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	24,724.0	PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

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						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	130.3	107.3	474.1	467.4	71.023	CC
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	200.0	176.3	474.1	467.2	68.621	ES
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	8,300.0	8,228.1	915.4	864.2	17.882	SF
JRS HORZ FEDERAL COM 3H - OWB - AWP						Out of range
PECOS EAST FEDERAL COM 22 14H - OWB - AWP	24,724.0	8,621.1	903.5	766.7	6.602	CC, ES, SF
ROCK JELLY FEDERAL COM 702H - OWB - PWP2	1,000.0	999.8	30.0	19.9	2.979	Normal Operations, CC, ES,
ROCK JELLY FEDERAL COM 703H - OWB - PWP2						Out of range
ROCKET FEDERAL 5H - OWB - AWP						Out of range

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference 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						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	24,724.0	8,200.0				Out of Range @TD
JRS HORZ FEDERAL COM 3H - OWB - AWP	24,724.0	13,003.0				Out of Range @TD
PECOS EAST FEDERAL COM 22 14H - OWB - AWP	24,724.0	8,621.1	903.5	766.7	6.602	CC, ES, SF
ROCK JELLY FEDERAL COM 702H - OWB - PWP2	24,724.0	13,868.5				Out of Range @TD
ROCK JELLY FEDERAL COM 703H - OWB - PWP2	24,724.0	24,518.6				Out of Range @TD
ROCKET FEDERAL 5H - OWB - AWP	24,724.0	7,113.0				Out of Range @TD

Offset Design: ROCK JELLY FEDERAL PROJECT - BISON WALLOW 34 FEDERAL 2H - OWB - AWP													Offset Site Error:	0.0 usft
Survey Program:		100-r.5 GYRO-NS, 8304-r.5 MWD						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	23.0	3.0	3.0	-9.53	467.5	-78.5	474.6					
100.0	100.0	77.1	100.1	3.1	3.0	-9.52	467.5	-78.4	474.1	467.5	6.59	71.980		
130.3	130.3	107.3	130.3	3.2	3.1	-9.52	467.5	-78.4	474.1	467.4	6.67	71.023	CC	
200.0	200.0	176.3	199.3	3.3	3.1	-9.49	467.6	-78.1	474.1	467.2	6.91	68.621	ES	
300.0	300.0	272.9	295.9	3.6	3.3	-9.46	468.1	-78.0	474.6	467.3	7.24	65.521		
400.0	400.0	371.6	394.5	3.8	3.4	-9.47	469.1	-78.2	475.6	468.1	7.60	62.610		
500.0	500.0	474.9	497.9	4.0	3.6	-9.38	470.2	-77.6	476.5	468.6	7.98	59.746		
600.0	600.0	575.3	598.3	4.2	3.8	-9.37	470.5	-77.6	476.8	468.5	8.38	56.882		
700.0	700.0	674.9	697.9	4.3	4.1	-9.45	470.8	-78.4	477.3	468.5	8.79	54.311		
800.0	800.0	775.9	798.9	4.5	4.3	-9.49	471.1	-78.7	477.6	468.4	9.20	51.920		
900.0	900.0	874.1	897.1	4.7	4.6	-9.51	471.4	-78.9	478.0	468.4	9.61	49.720		
1,000.0	1,000.0	973.4	996.3	4.8	4.8	-9.51	472.1	-79.1	478.7	468.7	10.04	47.689		
1,100.0	1,100.0	1,068.8	1,091.7	5.1	5.1	-87.10	473.3	-78.6	479.7	469.3	10.45	45.892		
1,200.0	1,199.8	1,167.4	1,190.3	5.4	5.4	-87.62	475.3	-78.4	481.5	470.6	10.88	44.260		
1,300.0	1,299.5	1,264.9	1,287.8	5.6	5.6	-88.48	477.5	-77.9	483.3	472.0	11.31	42.740		
1,400.0	1,398.7	1,361.5	1,384.4	5.9	5.9	-89.69	480.3	-77.3	485.9	474.1	11.74	41.384		
1,500.0	1,497.7	1,461.7	1,484.5	6.2	6.2	-91.23	483.4	-77.1	489.0	476.8	12.19	40.106		
1,600.0	1,596.8	1,561.6	1,584.4	6.4	6.6	-92.68	486.2	-76.3	492.0	479.3	12.65	38.896		
1,700.0	1,695.8	1,659.4	1,682.1	6.7	6.9	-94.05	489.2	-75.3	495.5	482.3	13.10	37.808		
1,800.0	1,794.8	1,759.7	1,782.4	7.0	7.2	-95.40	492.5	-73.9	499.4	485.8	13.58	36.784		
1,900.0	1,893.8	1,860.3	1,882.9	7.3	7.5	-96.65	495.6	-71.9	503.1	489.1	14.06	35.797		
2,000.0	1,992.9	1,960.5	1,983.1	7.6	7.8	-97.90	498.5	-69.9	507.0	492.5	14.54	34.874		
2,100.0	2,091.9	2,059.5	2,082.0	7.9	8.1	-99.12	501.3	-67.9	511.0	496.0	15.02	34.011		
2,200.0	2,190.9	2,157.0	2,179.5	8.2	8.5	-100.33	504.1	-66.3	515.4	499.9	15.51	33.235		
2,300.0	2,289.9	2,257.4	2,279.8	8.6	8.8	-101.60	507.1	-65.1	520.3	504.3	16.01	32.497		

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design: ROCK JELLY FEDERAL PROJECT - BISON WALLOW 34 FEDERAL 2H - OWB - AWP												Offset Site Error:	0.0 usft
Survey Program: 100-r.5 GYRO-NS, 8304-r.5 MWD												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
2,400.0	2,389.0	2,357.2	2,379.5	8.9	9.1	-102.84	509.6	-63.7	525.1	508.6	16.52	31.784	
2,500.0	2,488.0	2,454.1	2,476.4	9.3	9.4	-104.07	512.1	-62.9	530.3	513.3	17.02	31.151	
2,600.0	2,587.0	2,548.6	2,570.9	9.6	9.8	-105.34	514.7	-63.3	536.4	518.9	17.53	30.606	
2,700.0	2,686.1	2,643.4	2,665.6	10.0	10.1	-106.69	517.5	-64.9	543.8	525.8	18.04	30.144	
2,800.0	2,785.1	2,737.7	2,759.8	10.4	10.4	-108.04	520.7	-67.0	552.1	533.5	18.56	29.740	
2,900.0	2,884.1	2,830.1	2,852.0	10.8	10.7	-109.44	524.1	-70.8	561.9	542.8	19.09	29.437	
3,000.0	2,983.1	2,930.1	2,951.9	11.1	11.0	-110.93	527.9	-75.3	572.5	552.8	19.66	29.111	
3,100.0	3,082.2	3,031.7	3,053.4	11.5	11.4	-112.35	531.6	-79.1	582.7	562.5	20.26	28.765	
3,200.0	3,181.2	3,129.7	3,151.3	11.9	11.7	-113.64	535.2	-82.5	593.3	572.4	20.84	28.468	
3,300.0	3,280.2	3,230.5	3,251.9	12.3	12.1	-114.90	538.9	-85.7	604.0	582.5	21.45	28.160	
3,400.0	3,379.2	3,331.5	3,352.8	12.7	12.4	-116.09	542.5	-88.4	614.5	592.4	22.06	27.852	
3,500.0	3,478.3	3,431.4	3,452.7	13.1	12.7	-117.18	546.2	-90.5	625.0	602.3	22.68	27.558	
3,600.0	3,577.3	3,532.1	3,553.2	13.5	13.1	-118.18	550.3	-92.0	635.5	612.2	23.30	27.272	
3,700.0	3,676.3	3,634.5	3,655.6	13.9	13.4	-119.20	553.7	-93.5	645.7	621.8	23.95	26.964	
3,800.0	3,775.3	3,734.1	3,755.2	14.3	13.8	-120.18	556.6	-94.9	655.8	631.2	24.59	26.674	
3,900.0	3,874.4	3,833.6	3,854.6	14.7	14.1	-121.16	559.3	-96.5	666.0	640.8	25.23	26.396	
4,000.0	3,973.4	3,932.2	3,953.1	15.1	14.5	-122.10	561.8	-97.9	676.2	650.3	25.88	26.128	
4,100.0	4,072.4	4,029.9	4,050.7	15.5	14.8	-122.96	565.0	-99.4	687.1	660.6	26.53	25.900	
4,200.0	4,171.5	4,134.6	4,155.5	15.9	15.2	-123.86	567.8	-100.3	697.3	670.1	27.22	25.615	
4,300.0	4,270.5	4,231.6	4,252.4	16.4	15.5	-124.70	570.1	-101.5	707.7	679.8	27.88	25.382	
4,400.0	4,369.5	4,332.0	4,352.7	16.8	15.8	-125.55	572.5	-102.7	718.2	689.7	28.57	25.143	
4,500.0	4,468.5	4,434.8	4,455.5	17.2	16.2	-126.36	575.0	-103.3	728.5	699.3	29.27	24.893	
4,600.0	4,567.6	4,534.6	4,555.3	17.6	16.5	-127.13	577.0	-103.7	738.5	708.5	29.96	24.652	
4,700.0	4,666.6	4,630.0	4,650.6	18.0	16.9	-127.89	578.8	-104.6	749.0	718.3	30.63	24.451	
4,800.0	4,765.6	4,728.7	4,749.3	18.4	17.2	-128.64	580.8	-105.7	759.8	728.5	31.33	24.251	
4,900.0	4,864.6	4,828.6	4,849.2	18.8	17.5	-129.36	583.1	-106.5	770.7	738.7	32.04	24.056	
5,000.0	4,963.7	4,928.7	4,949.3	19.3	17.9	-130.02	585.8	-106.9	781.6	748.8	32.75	23.868	
5,100.0	5,062.7	5,029.3	5,049.9	19.7	18.2	-130.61	588.9	-106.8	792.3	758.9	33.45	23.686	
5,200.0	5,161.7	5,128.9	5,149.4	20.1	18.6	-131.16	592.1	-106.3	803.1	768.9	34.15	23.514	
5,300.0	5,260.7	5,227.4	5,247.8	20.5	18.9	-131.68	595.4	-105.8	813.9	779.0	34.85	23.353	
5,400.0	5,359.8	5,324.7	5,345.1	20.9	19.3	-132.18	598.8	-105.4	824.9	789.3	35.54	23.207	
5,500.0	5,458.8	5,420.4	5,440.8	21.4	19.6	-132.67	602.2	-105.4	836.3	800.1	36.23	23.082	
5,600.0	5,557.8	5,521.4	5,541.6	21.8	19.9	-133.21	605.4	-105.8	848.0	811.0	36.96	22.944	
5,700.0	5,656.9	5,626.8	5,647.1	22.2	20.3	-133.74	608.5	-105.5	859.0	821.3	37.71	22.777	
5,800.0	5,755.9	5,725.9	5,746.1	22.6	20.6	-134.25	611.2	-105.2	869.9	831.5	38.44	22.633	
5,900.0	5,854.9	5,827.4	5,847.5	23.0	21.0	-134.76	613.7	-104.7	880.7	841.5	39.17	22.481	
6,000.0	5,953.9	5,926.6	5,946.7	23.5	21.3	-135.26	615.8	-104.4	891.4	851.5	39.91	22.337	
6,100.0	6,053.0	6,026.1	6,046.2	23.9	21.7	-135.76	617.9	-104.0	902.1	861.5	40.64	22.200	
6,200.0	6,152.1	6,127.0	6,147.1	24.3	22.0	-136.29	619.8	-103.6	912.1	870.7	41.41	22.024	
6,300.0	6,251.5	6,226.3	6,246.4	24.7	22.4	-136.73	621.5	-103.2	920.9	878.7	42.12	21.863	
6,400.0	6,351.0	6,328.0	6,348.0	25.1	22.7	-137.08	623.2	-102.7	928.2	885.4	42.82	21.679	
6,500.0	6,450.7	6,427.8	6,447.9	25.5	23.1	-137.35	624.7	-102.3	934.3	890.8	43.48	21.487	
6,600.0	6,550.6	6,530.7	6,550.7	25.9	23.4	-137.57	625.8	-101.8	938.8	894.6	44.14	21.270	
6,700.0	6,650.5	6,627.3	6,647.3	26.2	23.8	-137.67	627.0	-101.1	942.0	897.2	44.72	21.062	
6,800.0	6,750.4	6,722.2	6,742.2	26.5	24.1	-137.72	628.4	-101.2	944.6	899.4	45.26	20.870	
6,900.0	6,850.4	6,835.3	6,855.3	26.6	24.5	-60.15	630.0	-100.4	945.3	899.5	45.79	20.642	
7,000.0	6,950.4	6,950.4	6,970.4	26.7	24.9	-60.04	630.9	-98.4	944.2	897.9	46.29	20.398	
7,100.0	7,050.4	7,073.6	7,093.5	26.7	25.3	-59.92	630.5	-93.8	940.8	894.0	46.77	20.113	
7,200.0	7,150.4	7,171.1	7,190.9	26.7	25.7	-59.80	629.9	-88.8	936.1	888.9	47.14	19.856	
7,300.0	7,250.4	7,265.1	7,284.7	26.8	26.0	-59.63	630.4	-84.3	932.1	884.6	47.49	19.627	
7,400.0	7,350.4	7,362.9	7,382.4	26.8	26.3	-59.43	631.6	-79.6	928.6	880.8	47.85	19.407	
7,500.0	7,450.4	7,452.1	7,471.5	26.8	26.6	-59.24	632.7	-75.7	925.5	877.4	48.18	19.211	

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design: ROCK JELLY FEDERAL PROJECT - BISON WALLOW 34 FEDERAL 2H - OWB - AWP												Offset Site Error:	0.0 usft
Survey Program: 100-r.5 GYRO-NS, 8304-r.5 MWD												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Rule Assigned:		Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,600.0	7,550.4	7,543.3	7,562.7	26.9	27.0	-59.13	633.6	-73.6	924.0	875.5	48.53	19.041	
7,700.0	7,650.4	7,644.7	7,664.0	26.9	27.3	-58.98	634.9	-71.1	922.6	873.6	48.92	18.859	
7,800.0	7,750.4	7,743.5	7,762.8	27.0	27.7	-58.83	636.2	-68.6	921.1	871.8	49.30	18.682	
7,900.0	7,850.4	7,840.5	7,859.8	27.0	28.0	-58.71	637.2	-66.7	919.9	870.2	49.68	18.515	
8,000.0	7,950.4	7,941.3	7,960.6	27.0	28.3	-58.60	638.3	-64.9	919.0	868.9	50.09	18.347	
8,100.0	8,050.4	8,043.3	8,062.5	27.1	28.7	-58.47	639.3	-62.7	917.6	867.1	50.50	18.172	
8,200.0	8,150.4	8,143.0	8,162.2	27.1	29.0	-58.34	640.5	-60.5	916.4	865.6	50.90	18.006	
8,291.7	8,242.1	8,222.9	8,242.1	27.1	29.3	-58.18	642.2	-58.3	915.4	864.2	51.18	17.886	
8,300.0	8,250.4	8,228.1	8,247.2	27.1	29.3	-58.16	642.4	-58.2	915.4	864.2	51.19	17.882 SF	
8,400.0	8,350.4	8,304.0	8,323.0	27.1	29.6	124.63	646.6	-58.2	918.9	867.5	51.37	17.889	
8,500.0	8,448.5	8,343.0	8,361.7	27.1	29.6	123.52	650.9	-58.9	936.0	884.9	51.09	18.322	
8,600.0	8,540.7	8,388.0	8,406.0	27.0	29.6	121.19	658.9	-59.5	969.5	918.9	50.61	19.158	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design:		ROCK JELLY FEDERAL PROJECT - PECOS EAST FEDERAL COM 22 14H - OWB - AWP											Offset Site Error:		0.0 usft	
Survey Program:		156-r.5 MWD											Offset Well Error:		3.0 usft	
Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				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			
24,600.0	8,779.9	8,617.1	8,686.1	122.8	23.8	-82.03	-16,421.8	995.1	990.6	864.9	125.65	7.884				
24,700.0	8,779.8	8,620.4	8,689.3	123.5	23.8	-82.31	-16,421.9	995.4	919.7	785.1	134.59	6.834				
24,724.0	8,779.8	8,621.1	8,690.1	123.7	23.8	-82.38	-16,421.9	995.5	903.5	766.7	136.85	6.602 CC, ES, 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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design: ROCK JELLY FEDERAL PROJECT - ROCK JELLY FEDERAL COM 702H - OWB - PWP2													Offset Site Error: 0.0 usft
Survey Program: 0-r.5 MWD+IFR1+MS													Offset Well Error: 3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:		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	0.2	3.0	3.0	-90.19	-0.1	-30.0	30.0				
100.0	100.0	99.8	100.0	3.1	3.1	-90.19	-0.1	-30.0	30.0	23.3	6.67	4.501	
200.0	200.0	199.8	200.0	3.3	3.3	-90.19	-0.1	-30.0	30.0	22.9	7.12	4.216	
300.0	300.0	299.8	300.0	3.6	3.6	-90.19	-0.1	-30.0	30.0	22.5	7.54	3.979	
400.0	400.0	399.8	400.0	3.8	3.8	-90.19	-0.1	-30.0	30.0	22.1	7.94	3.776	
500.0	500.0	499.8	500.0	4.0	4.0	-90.19	-0.1	-30.0	30.0	21.7	8.33	3.601	
600.0	600.0	599.8	600.0	4.2	4.2	-90.19	-0.1	-30.0	30.0	21.3	8.70	3.448	
700.0	700.0	699.8	700.0	4.3	4.3	-90.19	-0.1	-30.0	30.0	20.9	9.06	3.311	
800.0	800.0	799.8	800.0	4.5	4.5	-90.19	-0.1	-30.0	30.0	20.6	9.41	3.189	
900.0	900.0	899.8	900.0	4.7	4.7	-90.19	-0.1	-30.0	30.0	20.3	9.74	3.079	
1,000.0	1,000.0	999.8	1,000.0	4.8	4.8	-90.19	-0.1	-30.0	30.0	19.9	10.07	2.979	Normal Operations, CC, ES, SF
1,100.0	1,100.0	1,098.7	1,098.9	5.1	5.1	-167.54	0.3	-31.6	33.4	22.8	10.56	3.159	
1,200.0	1,199.8	1,196.9	1,197.0	5.4	5.4	-167.23	1.7	-36.5	43.4	32.4	11.04	3.934	
1,300.0	1,299.5	1,293.8	1,293.5	5.6	5.6	-166.91	3.8	-44.5	60.2	48.6	11.54	5.214	
1,400.0	1,398.7	1,388.8	1,387.8	5.9	5.9	-166.66	6.7	-55.4	83.4	71.3	12.05	6.921	
1,500.0	1,497.7	1,484.8	1,482.9	6.2	6.1	-166.53	10.2	-68.3	110.1	97.7	12.48	8.826	
1,600.0	1,596.8	1,581.1	1,578.3	6.4	6.4	-166.45	13.6	-81.3	136.9	124.0	12.94	10.580	
1,700.0	1,695.8	1,677.5	1,673.7	6.7	6.6	-166.40	17.1	-94.2	163.7	150.3	13.44	12.182	
1,800.0	1,794.8	1,773.8	1,769.1	7.0	6.9	-166.36	20.6	-107.2	190.5	176.5	13.97	13.639	
1,900.0	1,893.8	1,870.2	1,864.5	7.3	7.2	-166.33	24.1	-120.1	217.3	202.8	14.52	14.964	
2,000.0	1,992.9	1,966.5	1,959.9	7.6	7.5	-166.31	27.5	-133.1	244.1	229.0	15.10	16.165	
2,100.0	2,091.9	2,062.9	2,055.3	7.9	7.8	-166.29	31.0	-146.0	270.9	255.2	15.70	17.254	
2,200.0	2,190.9	2,159.2	2,150.7	8.2	8.1	-166.27	34.5	-159.0	297.7	281.4	16.32	18.243	
2,300.0	2,289.9	2,255.6	2,246.1	8.6	8.4	-166.26	37.9	-171.9	324.5	307.5	16.95	19.140	
2,400.0	2,389.0	2,351.9	2,341.5	8.9	8.8	-166.25	41.4	-184.9	351.2	333.6	17.60	19.956	
2,500.0	2,488.0	2,448.2	2,436.9	9.3	9.1	-166.24	44.9	-197.8	378.0	359.8	18.26	20.700	
2,600.0	2,587.0	2,544.6	2,532.4	9.6	9.4	-166.23	48.3	-210.8	404.8	385.9	18.94	21.377	
2,700.0	2,686.1	2,640.9	2,627.8	10.0	9.8	-166.22	51.8	-223.8	431.6	412.0	19.62	21.997	
2,800.0	2,785.1	2,737.3	2,723.2	10.4	10.2	-166.22	55.3	-236.7	458.4	438.1	20.32	22.564	
2,900.0	2,884.1	2,833.6	2,818.6	10.8	10.5	-166.21	58.8	-249.7	485.2	464.2	21.02	23.085	
3,000.0	2,983.1	2,930.0	2,914.0	11.1	10.9	-166.21	62.2	-262.6	512.0	490.2	21.73	23.563	
3,100.0	3,082.2	3,026.3	3,009.4	11.5	11.3	-166.20	65.7	-275.6	538.8	516.3	22.44	24.004	
3,200.0	3,181.2	3,122.7	3,104.8	11.9	11.6	-166.20	69.2	-288.5	565.6	542.4	23.17	24.411	
3,300.0	3,280.2	3,219.0	3,200.2	12.3	12.0	-166.20	72.6	-301.5	592.3	568.4	23.90	24.788	
3,400.0	3,379.2	3,315.4	3,295.6	12.7	12.4	-166.19	76.1	-314.4	619.1	594.5	24.63	25.137	
3,500.0	3,478.3	3,411.7	3,391.0	13.1	12.8	-166.19	79.6	-327.4	645.9	620.6	25.37	25.461	
3,600.0	3,577.3	3,508.0	3,486.4	13.5	13.1	-166.19	83.0	-340.3	672.7	646.6	26.11	25.762	
3,700.0	3,676.3	3,604.4	3,581.8	13.9	13.5	-166.18	86.5	-353.3	699.5	672.6	26.86	26.043	
3,800.0	3,775.3	3,700.7	3,677.2	14.3	13.9	-166.18	90.0	-366.2	726.3	698.7	27.61	26.306	
3,900.0	3,874.4	3,797.1	3,772.6	14.7	14.3	-166.18	93.5	-379.2	753.1	724.7	28.36	26.551	
4,000.0	3,973.4	3,893.4	3,868.1	15.1	14.7	-166.18	96.9	-392.1	779.9	750.7	29.12	26.781	
4,100.0	4,072.4	3,989.8	3,963.5	15.5	15.1	-166.18	100.4	-405.1	806.7	776.8	29.88	26.996	
4,200.0	4,171.5	4,086.1	4,058.9	15.9	15.5	-166.17	103.9	-418.0	833.4	802.8	30.64	27.199	
4,300.0	4,270.5	4,182.5	4,154.3	16.4	15.9	-166.17	107.3	-431.0	860.2	828.8	31.41	27.389	
4,400.0	4,369.5	4,278.8	4,249.7	16.8	16.3	-166.17	110.8	-443.9	887.0	854.8	32.17	27.569	
4,500.0	4,468.5	4,375.1	4,345.1	17.2	16.7	-166.17	114.3	-456.9	913.8	880.9	32.94	27.738	
4,600.0	4,567.6	4,471.5	4,440.5	17.6	17.1	-166.17	117.8	-469.8	940.6	906.9	33.72	27.898	
4,700.0	4,666.6	4,567.8	4,535.9	18.0	17.5	-166.17	121.2	-482.8	967.4	932.9	34.49	28.050	
4,800.0	4,765.6	4,664.2	4,631.3	18.4	17.9	-166.17	124.7	-495.7	994.2	958.9	35.26	28.193	

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Reference Depths are relative to KB @ 3003.0usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FEDERAL COM 701H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°

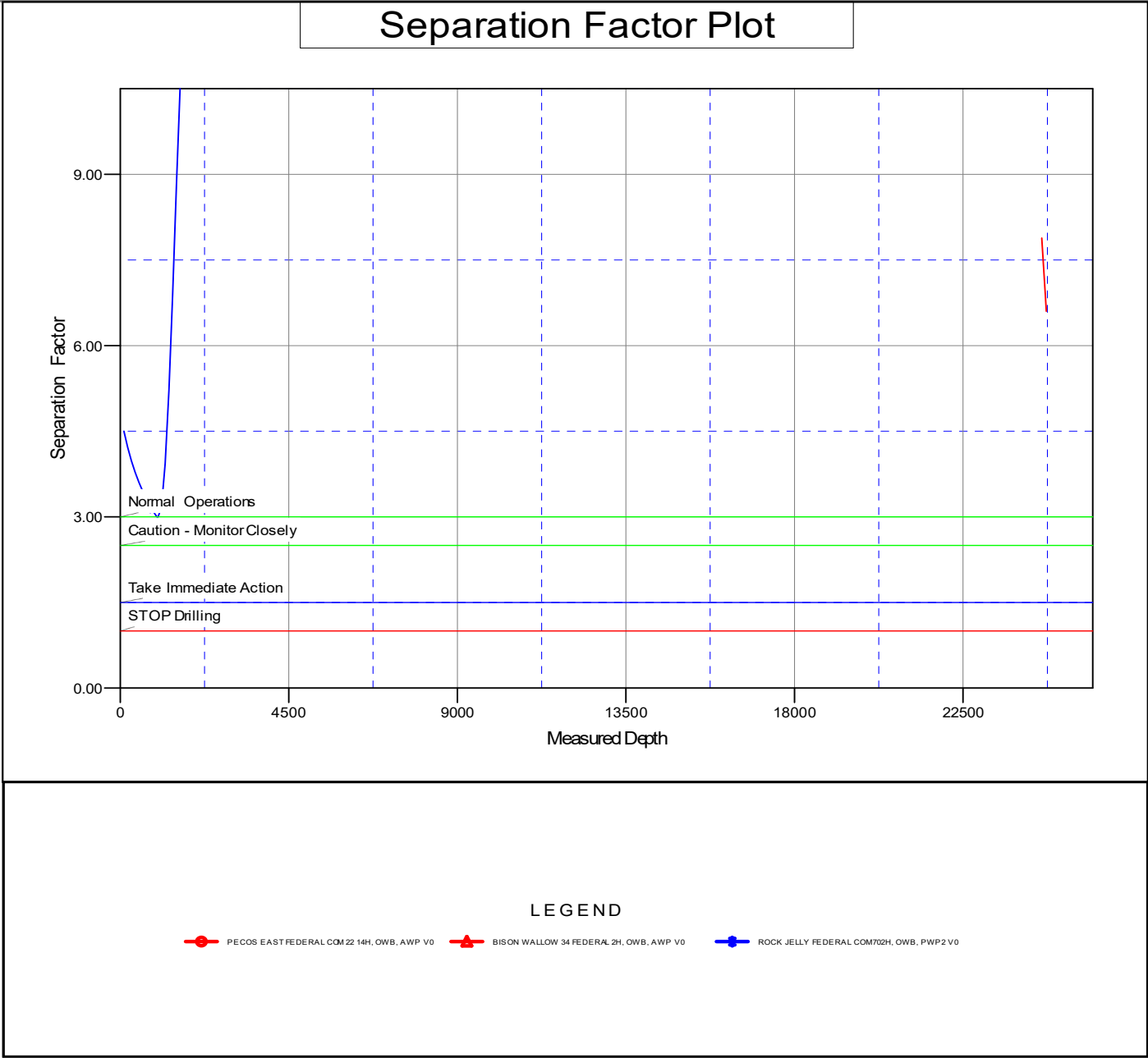


ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
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Reference Depths are relative to KB @ 3003.0usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

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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



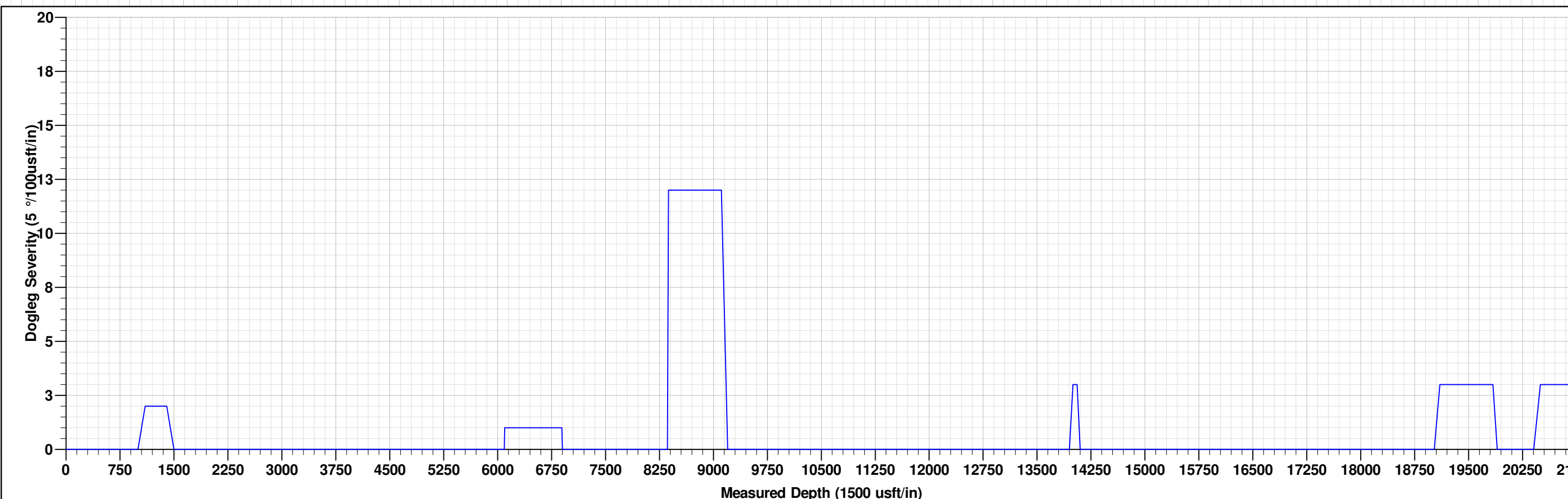
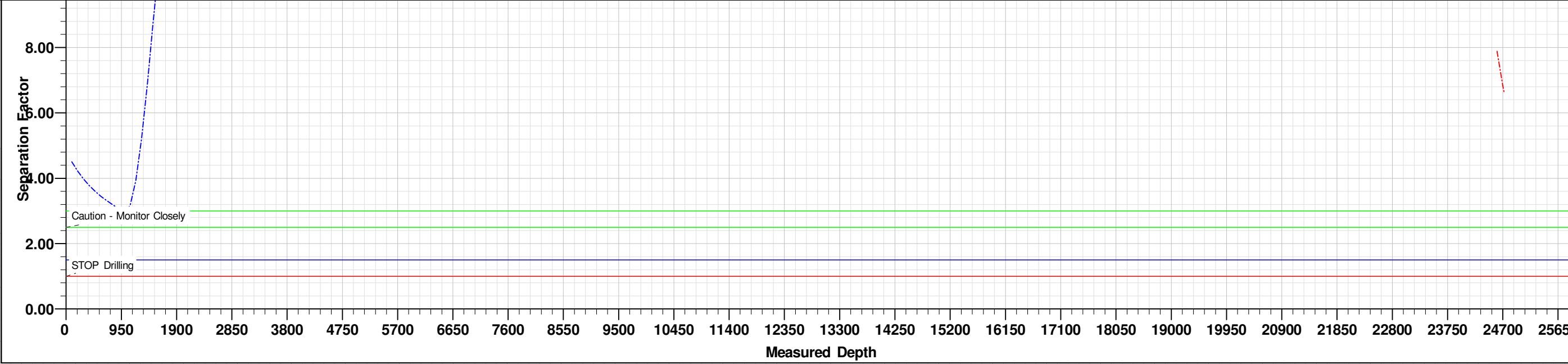
Project: ATLAS PROSPECT (DBW)
Site: ROCK JELLY FEDERAL PROJECT
Well: ROCK JELLY FEDERAL COM 701H
Wellbore: OWB
Design: PWP2
GL: 2978.0
KB @ 3003.0usft

WELL DETAILS: ROCK JELLY FEDERAL COM 701H

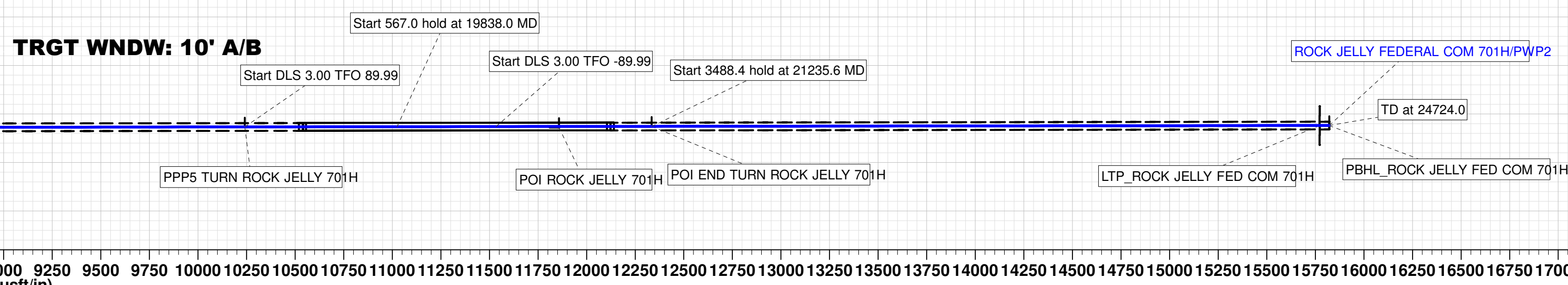
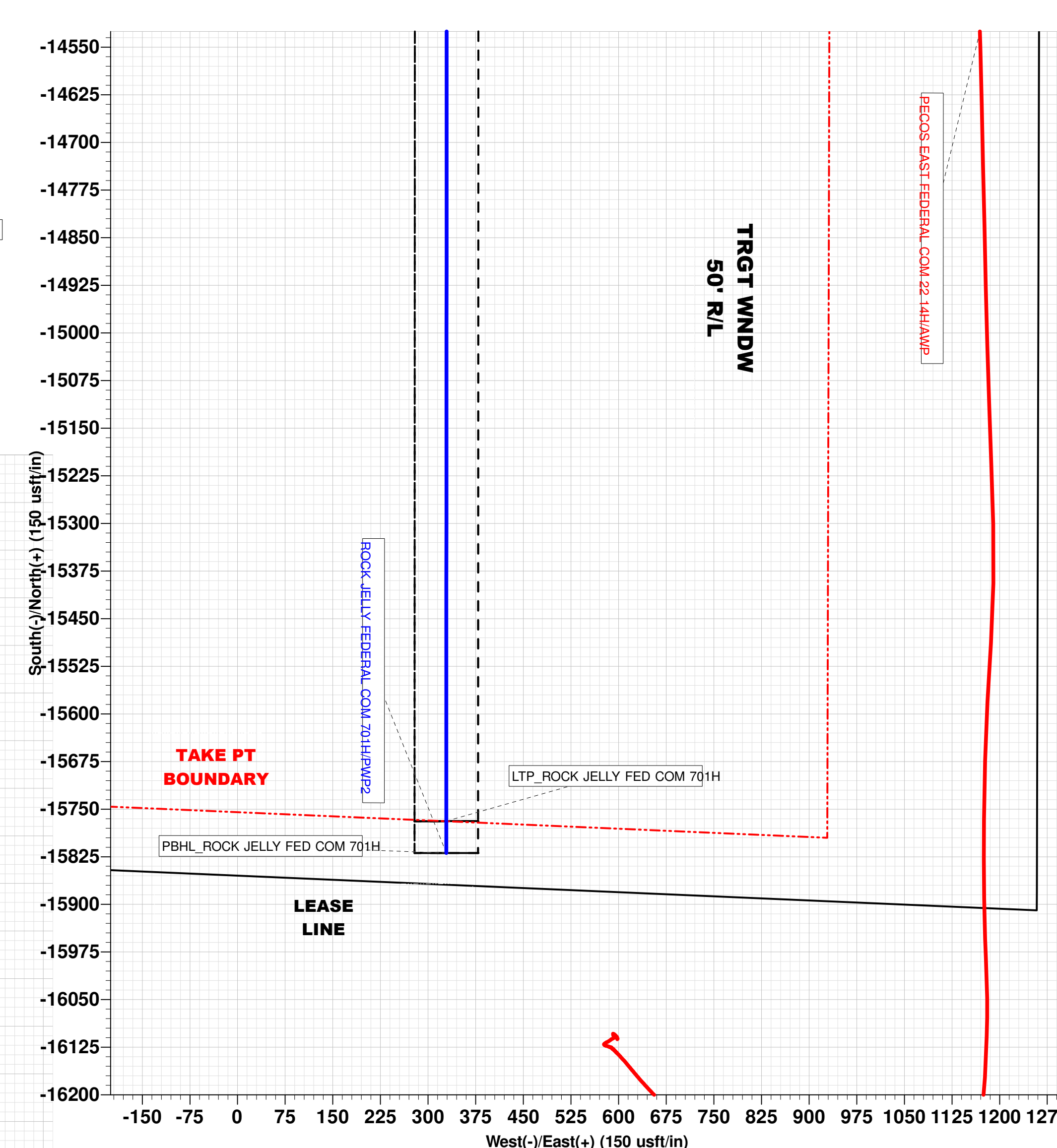
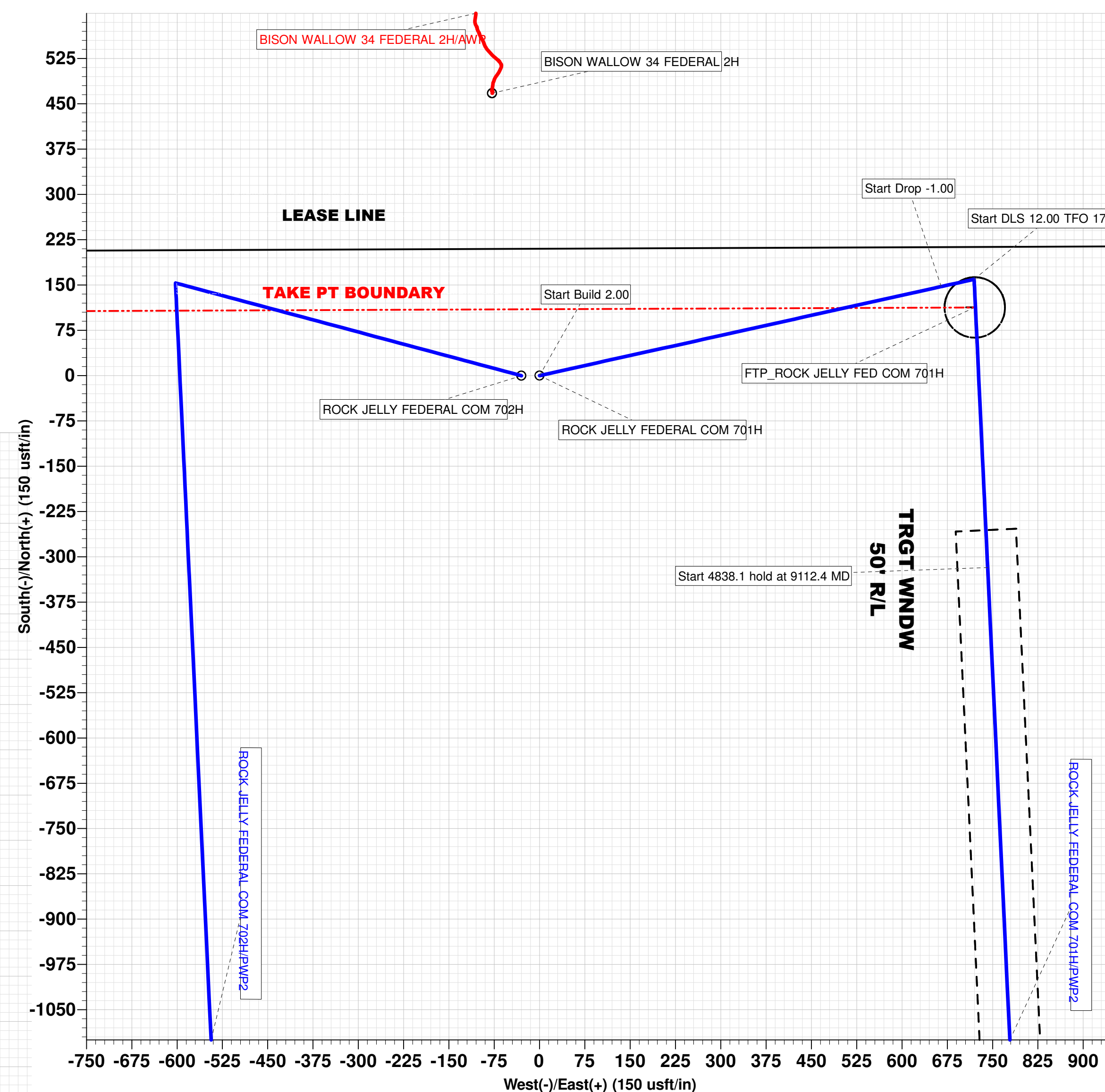
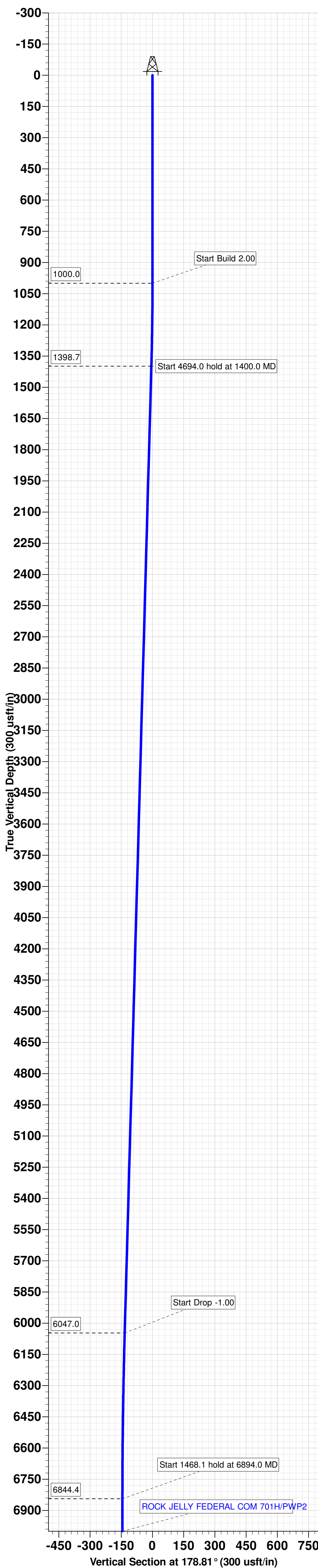
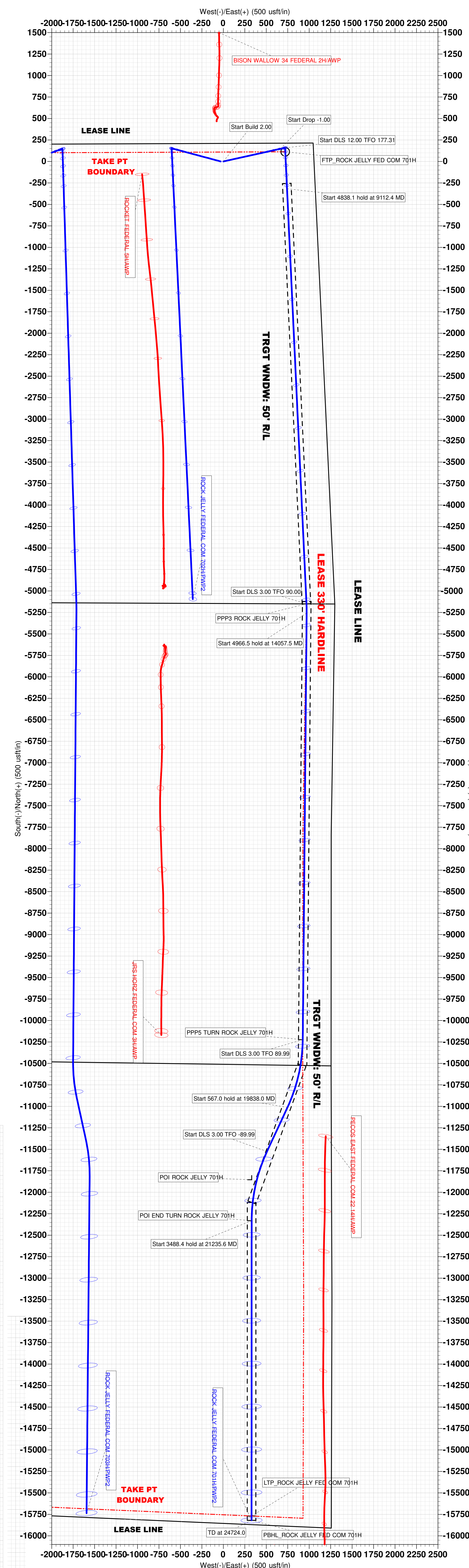
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	392391.60	613615.90	32° 4' 41.769 N	103° 57' 59.448 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
LTP_ROCK JELLY FED COM 701H	8780.0	-15768.9	328.7	376622.70	613944.60	Circle (Radius: 50.0)
PBHL_ROCK JELLY FED COM 701H	8780.0	-15816.9	328.7	376572.70	613944.60	Rectangle (Sides: L3700.0 W100.0)
POI_END TURN ROCK JELLY 701H	8782.0	-12330.5	330.1	380061.10	613946.00	Rectangle (Sides: L1700.0 W100.0)
PPPS_TURN ROCK JELLY 701H	8783.5	-10223.8	925.4	382167.80	614541.30	Rectangle (Sides: L5400.0 W100.0)
POI_ROCK JELLY 701H	8785.0	-11853.5	330.3	380538.10	613946.20	Point
PPP3_ROCK JELLY 701H	8786.8	-5150.5	968.8	387241.10	614584.70	Rectangle (Sides: L4900.0 W100.0)
FTP_ROCK JELLY FED COM 701H	8790.0	112.9	720.5	392504.50	614336.40	Circle (Radius: 50.0)



MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
1000.0	0.00	0.00	1000.0	0.0	0.0	0.0	0.0	Start Build 2.00
1400.0	8.00	77.50	1398.7	6.0	27.2	-5.5	27.9	Start 4694.0 hold at 1400.0 MD
6094.0	8.00	77.50	6047.0	147.4	665.0	-133.6	681.2	Start Drop -1.00
6894.0	0.00	0.00	6844.4	159.5	719.4	-144.5	736.9	Start 1468.1 hold at 6894.0 MD
8362.1	0.00	0.00	8312.5	159.5	719.4	-144.5	736.9	Start DLS 12.00 TFO 177.31
9112.4	90.04	177.31	8790.0	-317.8	741.9	333.1	1214.7	Start 4838.1 hold at 9112.4 MD
13950.5	90.04	177.31	8786.8	-5150.5	968.8	5169.5	6052.8	Start DLS 3.00 TFO 90.00
14057.5	90.04	180.52	8786.7	-5257.6	970.8	5276.6	6159.9	Start 4966.5 hold at 14057.5 MD
19024.0	90.04	180.52	8783.5	-10223.8	925.4	10240.8	11126.3	Start DLS 3.00 TFO 89.99
19838.0	90.04	204.94	8782.9	-11011.8	747.3	11024.9	11940.3	Start 567.0 hold at 19838.0 MD
20404.9	90.04	204.94	8782.6	-11525.8	508.2	11533.9	12507.2	Start DLS 3.00 TFO -89.99
21235.6	90.04	180.02	8782.0	-12330.5	330.1	12334.7	13337.9	Start 3488.4 hold at 21235.6 MD
24724.0	90.04	180.02	8779.8	-15818.9	328.7	15822.3	16826.3	TD at 24724.0



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 13354	Pool Name Corral Canyon; Bone Spring
Property Code 329756	Property Name ROCK JELLY FEDERAL COM	Well Number 701H
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 2978.0'

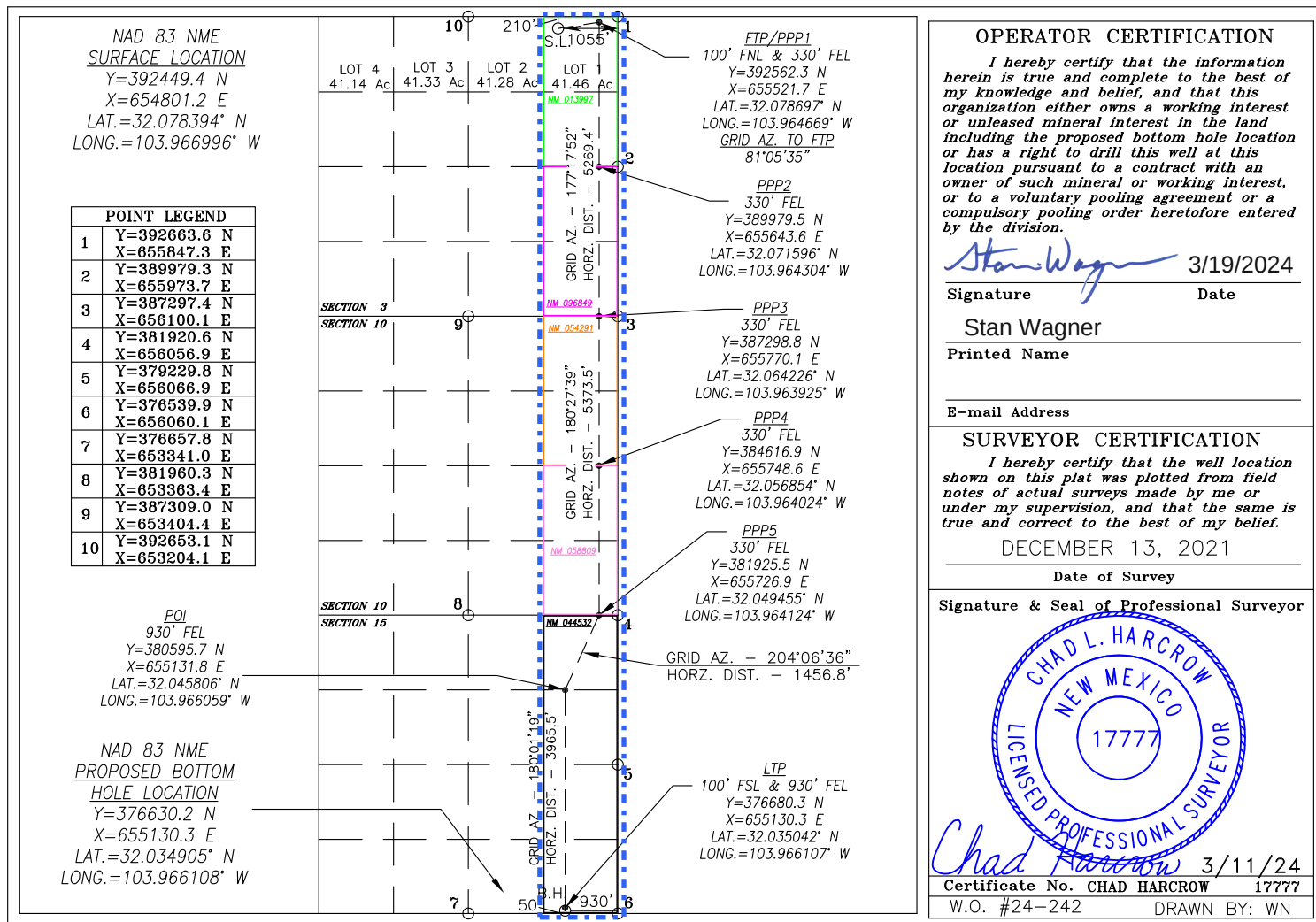
Surface Location

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
P	15	26-S	29-E		50	SOUTH	930	EAST	EDDY
Dedicated Acres 480	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



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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-47583	Pool Code 13354	Pool Name Corral Canyon; Bone Spring
Property Code 329756	Property Name ROCK JELLY FEDERAL COM	Well Number 701H
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 2978.0'

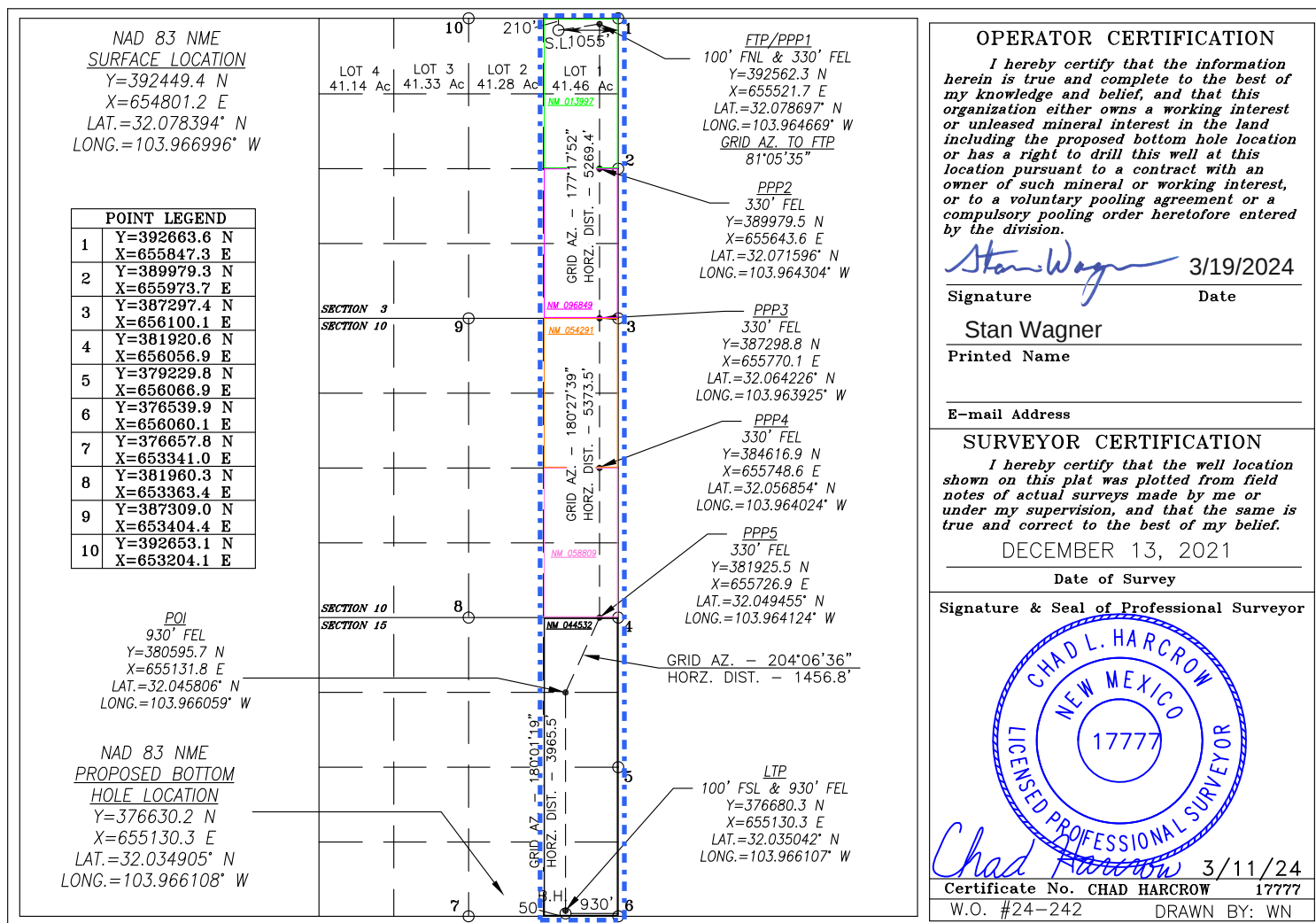
Surface Location

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
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Dedicated Acres 480	Joint or Infill	Consolidation Code	Order No.						

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DELAWARE BASIN WEST

ATLAS PROSPECT (DBW)

ROCK JELLY FEDERAL PROJECT

ROCK JELLY FEDERAL COM 701H

OWB

PWP2

Anticollision Report

19 March, 2024

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Reference	PWP2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.0usft	Error Surface:	Combined Pedal Curve
Warning Levels Evaluated at:	2.79 Sigma	Casing Method:	Added to Error Values

Survey Tool Program		Date	3/19/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	24,724.0	PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5	

Summary						
Site Name Offset Well - Wellbore - Design	Reference	Offset	Distance		Separation	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
ROCK JELLY FEDERAL PROJECT						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	130.3	107.3	474.1	467.4	71.023	CC
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	200.0	176.3	474.1	467.2	68.621	ES
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	8,300.0	8,228.1	915.4	864.2	17.882	SF
JRS HORZ FEDERAL COM 3H - OWB - AWP						Out of range
PECOS EAST FEDERAL COM 22 14H - OWB - AWP	24,724.0	8,621.1	903.5	766.7	6.602	CC, ES, SF
ROCK JELLY FEDERAL COM 702H - OWB - PWP2	1,000.0	999.8	30.0	19.9	2.979	Normal Operations, CC, ES,
ROCK JELLY FEDERAL COM 703H - OWB - PWP2						Out of range
ROCKET FEDERAL 5H - OWB - AWP						Out of range

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference 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						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	24,724.0	8,200.0				Out of Range @TD
JRS HORZ FEDERAL COM 3H - OWB - AWP	24,724.0	13,003.0				Out of Range @TD
PECOS EAST FEDERAL COM 22 14H - OWB - AWP	24,724.0	8,621.1	903.5	766.7	6.602	CC, ES, SF
ROCK JELLY FEDERAL COM 702H - OWB - PWP2	24,724.0	13,868.5				Out of Range @TD
ROCK JELLY FEDERAL COM 703H - OWB - PWP2	24,724.0	24,518.6				Out of Range @TD
ROCKET FEDERAL 5H - OWB - AWP	24,724.0	7,113.0				Out of Range @TD

Offset Design: ROCK JELLY FEDERAL PROJECT - BISON WALLOW 34 FEDERAL 2H - OWB - AWP													Offset Site Error:	0.0 usft
Survey Program:		100-r.5 GYRO-NS, 8304-r.5 MWD						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	
0.0	0.0	0.0	23.0	3.0	3.0	-9.53	467.5	-78.5	474.6					
100.0	100.0	77.1	100.1	3.1	3.0	-9.52	467.5	-78.4	474.1	467.5	6.59	71.980		
130.3	130.3	107.3	130.3	3.2	3.1	-9.52	467.5	-78.4	474.1	467.4	6.67	71.023	CC	
200.0	200.0	176.3	199.3	3.3	3.1	-9.49	467.6	-78.1	474.1	467.2	6.91	68.621	ES	
300.0	300.0	272.9	295.9	3.6	3.3	-9.46	468.1	-78.0	474.6	467.3	7.24	65.521		
400.0	400.0	371.6	394.5	3.8	3.4	-9.47	469.1	-78.2	475.6	468.1	7.60	62.610		
500.0	500.0	474.9	497.9	4.0	3.6	-9.38	470.2	-77.6	476.5	468.6	7.98	59.746		
600.0	600.0	575.3	598.3	4.2	3.8	-9.37	470.5	-77.6	476.8	468.5	8.38	56.882		
700.0	700.0	674.9	697.9	4.3	4.1	-9.45	470.8	-78.4	477.3	468.5	8.79	54.311		
800.0	800.0	775.9	798.9	4.5	4.3	-9.49	471.1	-78.7	477.6	468.4	9.20	51.920		
900.0	900.0	874.1	897.1	4.7	4.6	-9.51	471.4	-78.9	478.0	468.4	9.61	49.720		
1,000.0	1,000.0	973.4	996.3	4.8	4.8	-9.51	472.1	-79.1	478.7	468.7	10.04	47.689		
1,100.0	1,100.0	1,068.8	1,091.7	5.1	5.1	-87.10	473.3	-78.6	479.7	469.3	10.45	45.892		
1,200.0	1,199.8	1,167.4	1,190.3	5.4	5.4	-87.62	475.3	-78.4	481.5	470.6	10.88	44.260		
1,300.0	1,299.5	1,264.9	1,287.8	5.6	5.6	-88.48	477.5	-77.9	483.3	472.0	11.31	42.740		
1,400.0	1,398.7	1,361.5	1,384.4	5.9	5.9	-89.69	480.3	-77.3	485.9	474.1	11.74	41.384		
1,500.0	1,497.7	1,461.7	1,484.5	6.2	6.2	-91.23	483.4	-77.1	489.0	476.8	12.19	40.106		
1,600.0	1,596.8	1,561.6	1,584.4	6.4	6.6	-92.68	486.2	-76.3	492.0	479.3	12.65	38.896		
1,700.0	1,695.8	1,659.4	1,682.1	6.7	6.9	-94.05	489.2	-75.3	495.5	482.3	13.10	37.808		
1,800.0	1,794.8	1,759.7	1,782.4	7.0	7.2	-95.40	492.5	-73.9	499.4	485.8	13.58	36.784		
1,900.0	1,893.8	1,860.3	1,882.9	7.3	7.5	-96.65	495.6	-71.9	503.1	489.1	14.06	35.797		
2,000.0	1,992.9	1,960.5	1,983.1	7.6	7.8	-97.90	498.5	-69.9	507.0	492.5	14.54	34.874		
2,100.0	2,091.9	2,059.5	2,082.0	7.9	8.1	-99.12	501.3	-67.9	511.0	496.0	15.02	34.011		
2,200.0	2,190.9	2,157.0	2,179.5	8.2	8.5	-100.33	504.1	-66.3	515.4	499.9	15.51	33.235		
2,300.0	2,289.9	2,257.4	2,279.8	8.6	8.8	-101.60	507.1	-65.1	520.3	504.3	16.01	32.497		

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design: ROCK JELLY FEDERAL PROJECT - BISON WALLOW 34 FEDERAL 2H - OWB - AWP												Offset Site Error:	0.0 usft
Survey Program: 100-r.5 GYRO-NS, 8304-r.5 MWD												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
2,400.0	2,389.0	2,357.2	2,379.5	8.9	9.1	-102.84	509.6	-63.7	525.1	508.6	16.52	31.784	
2,500.0	2,488.0	2,454.1	2,476.4	9.3	9.4	-104.07	512.1	-62.9	530.3	513.3	17.02	31.151	
2,600.0	2,587.0	2,548.6	2,570.9	9.6	9.8	-105.34	514.7	-63.3	536.4	518.9	17.53	30.606	
2,700.0	2,686.1	2,643.4	2,665.6	10.0	10.1	-106.69	517.5	-64.9	543.8	525.8	18.04	30.144	
2,800.0	2,785.1	2,737.7	2,759.8	10.4	10.4	-108.04	520.7	-67.0	552.1	533.5	18.56	29.740	
2,900.0	2,884.1	2,830.1	2,852.0	10.8	10.7	-109.44	524.1	-70.8	561.9	542.8	19.09	29.437	
3,000.0	2,983.1	2,930.1	2,951.9	11.1	11.0	-110.93	527.9	-75.3	572.5	552.8	19.66	29.111	
3,100.0	3,082.2	3,031.7	3,053.4	11.5	11.4	-112.35	531.6	-79.1	582.7	562.5	20.26	28.765	
3,200.0	3,181.2	3,129.7	3,151.3	11.9	11.7	-113.64	535.2	-82.5	593.3	572.4	20.84	28.468	
3,300.0	3,280.2	3,230.5	3,251.9	12.3	12.1	-114.90	538.9	-85.7	604.0	582.5	21.45	28.160	
3,400.0	3,379.2	3,331.5	3,352.8	12.7	12.4	-116.09	542.5	-88.4	614.5	592.4	22.06	27.852	
3,500.0	3,478.3	3,431.4	3,452.7	13.1	12.7	-117.18	546.2	-90.5	625.0	602.3	22.68	27.558	
3,600.0	3,577.3	3,532.1	3,553.2	13.5	13.1	-118.18	550.3	-92.0	635.5	612.2	23.30	27.272	
3,700.0	3,676.3	3,634.5	3,655.6	13.9	13.4	-119.20	553.7	-93.5	645.7	621.8	23.95	26.964	
3,800.0	3,775.3	3,734.1	3,755.2	14.3	13.8	-120.18	556.6	-94.9	655.8	631.2	24.59	26.674	
3,900.0	3,874.4	3,833.6	3,854.6	14.7	14.1	-121.16	559.3	-96.5	666.0	640.8	25.23	26.396	
4,000.0	3,973.4	3,932.2	3,953.1	15.1	14.5	-122.10	561.8	-97.9	676.2	650.3	25.88	26.128	
4,100.0	4,072.4	4,029.9	4,050.7	15.5	14.8	-122.96	565.0	-99.4	687.1	660.6	26.53	25.900	
4,200.0	4,171.5	4,134.6	4,155.5	15.9	15.2	-123.86	567.8	-100.3	697.3	670.1	27.22	25.615	
4,300.0	4,270.5	4,231.6	4,252.4	16.4	15.5	-124.70	570.1	-101.5	707.7	679.8	27.88	25.382	
4,400.0	4,369.5	4,332.0	4,352.7	16.8	15.8	-125.55	572.5	-102.7	718.2	689.7	28.57	25.143	
4,500.0	4,468.5	4,434.8	4,455.5	17.2	16.2	-126.36	575.0	-103.3	728.5	699.3	29.27	24.893	
4,600.0	4,567.6	4,534.6	4,555.3	17.6	16.5	-127.13	577.0	-103.7	738.5	708.5	29.96	24.652	
4,700.0	4,666.6	4,630.0	4,650.6	18.0	16.9	-127.89	578.8	-104.6	749.0	718.3	30.63	24.451	
4,800.0	4,765.6	4,728.7	4,749.3	18.4	17.2	-128.64	580.8	-105.7	759.8	728.5	31.33	24.251	
4,900.0	4,864.6	4,828.6	4,849.2	18.8	17.5	-129.36	583.1	-106.5	770.7	738.7	32.04	24.056	
5,000.0	4,963.7	4,928.7	4,949.3	19.3	17.9	-130.02	585.8	-106.9	781.6	748.8	32.75	23.868	
5,100.0	5,062.7	5,029.3	5,049.9	19.7	18.2	-130.61	588.9	-106.8	792.3	758.9	33.45	23.686	
5,200.0	5,161.7	5,128.9	5,149.4	20.1	18.6	-131.16	592.1	-106.3	803.1	768.9	34.15	23.514	
5,300.0	5,260.7	5,227.4	5,247.8	20.5	18.9	-131.68	595.4	-105.8	813.9	779.0	34.85	23.353	
5,400.0	5,359.8	5,324.7	5,345.1	20.9	19.3	-132.18	598.8	-105.4	824.9	789.3	35.54	23.207	
5,500.0	5,458.8	5,420.4	5,440.8	21.4	19.6	-132.67	602.2	-105.4	836.3	800.1	36.23	23.082	
5,600.0	5,557.8	5,521.4	5,541.6	21.8	19.9	-133.21	605.4	-105.8	848.0	811.0	36.96	22.944	
5,700.0	5,656.9	5,626.8	5,647.1	22.2	20.3	-133.74	608.5	-105.5	859.0	821.3	37.71	22.777	
5,800.0	5,755.9	5,725.9	5,746.1	22.6	20.6	-134.25	611.2	-105.2	869.9	831.5	38.44	22.633	
5,900.0	5,854.9	5,827.4	5,847.5	23.0	21.0	-134.76	613.7	-104.7	880.7	841.5	39.17	22.481	
6,000.0	5,953.9	5,926.6	5,946.7	23.5	21.3	-135.26	615.8	-104.4	891.4	851.5	39.91	22.337	
6,100.0	6,053.0	6,026.1	6,046.2	23.9	21.7	-135.76	617.9	-104.0	902.1	861.5	40.64	22.200	
6,200.0	6,152.1	6,127.0	6,147.1	24.3	22.0	-136.29	619.8	-103.6	912.1	870.7	41.41	22.024	
6,300.0	6,251.5	6,226.3	6,246.4	24.7	22.4	-136.73	621.5	-103.2	920.9	878.7	42.12	21.863	
6,400.0	6,351.0	6,328.0	6,348.0	25.1	22.7	-137.08	623.2	-102.7	928.2	885.4	42.82	21.679	
6,500.0	6,450.7	6,427.8	6,447.9	25.5	23.1	-137.35	624.7	-102.3	934.3	890.8	43.48	21.487	
6,600.0	6,550.6	6,530.7	6,550.7	25.9	23.4	-137.57	625.8	-101.8	938.8	894.6	44.14	21.270	
6,700.0	6,650.5	6,627.3	6,647.3	26.2	23.8	-137.67	627.0	-101.1	942.0	897.2	44.72	21.062	
6,800.0	6,750.4	6,722.2	6,742.2	26.5	24.1	-137.72	628.4	-101.2	944.6	899.4	45.26	20.870	
6,900.0	6,850.4	6,835.3	6,855.3	26.6	24.5	-60.15	630.0	-100.4	945.3	899.5	45.79	20.642	
7,000.0	6,950.4	6,950.4	6,970.4	26.7	24.9	-60.04	630.9	-98.4	944.2	897.9	46.29	20.398	
7,100.0	7,050.4	7,073.6	7,093.5	26.7	25.3	-59.92	630.5	-93.8	940.8	894.0	46.77	20.113	
7,200.0	7,150.4	7,171.1	7,190.9	26.7	25.7	-59.80	629.9	-88.8	936.1	888.9	47.14	19.856	
7,300.0	7,250.4	7,265.1	7,284.7	26.8	26.0	-59.63	630.4	-84.3	932.1	884.6	47.49	19.627	
7,400.0	7,350.4	7,362.9	7,382.4	26.8	26.3	-59.43	631.6	-79.6	928.6	880.8	47.85	19.407	
7,500.0	7,450.4	7,452.1	7,471.5	26.8	26.6	-59.24	632.7	-75.7	925.5	877.4	48.18	19.211	

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design: ROCK JELLY FEDERAL PROJECT - BISON WALLOW 34 FEDERAL 2H - OWB - AWP												Offset Site Error:	0.0 usft
Survey Program: 100-r.5 GYRO-NS, 8304-r.5 MWD												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Rule Assigned:		Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,600.0	7,550.4	7,543.3	7,562.7	26.9	27.0	-59.13	633.6	-73.6	924.0	875.5	48.53	19.041	
7,700.0	7,650.4	7,644.7	7,664.0	26.9	27.3	-58.98	634.9	-71.1	922.6	873.6	48.92	18.859	
7,800.0	7,750.4	7,743.5	7,762.8	27.0	27.7	-58.83	636.2	-68.6	921.1	871.8	49.30	18.682	
7,900.0	7,850.4	7,840.5	7,859.8	27.0	28.0	-58.71	637.2	-66.7	919.9	870.2	49.68	18.515	
8,000.0	7,950.4	7,941.3	7,960.6	27.0	28.3	-58.60	638.3	-64.9	919.0	868.9	50.09	18.347	
8,100.0	8,050.4	8,043.3	8,062.5	27.1	28.7	-58.47	639.3	-62.7	917.6	867.1	50.50	18.172	
8,200.0	8,150.4	8,143.0	8,162.2	27.1	29.0	-58.34	640.5	-60.5	916.4	865.6	50.90	18.006	
8,291.7	8,242.1	8,222.9	8,242.1	27.1	29.3	-58.18	642.2	-58.3	915.4	864.2	51.18	17.886	
8,300.0	8,250.4	8,228.1	8,247.2	27.1	29.3	-58.16	642.4	-58.2	915.4	864.2	51.19	17.882 SF	
8,400.0	8,350.4	8,304.0	8,323.0	27.1	29.6	124.63	646.6	-58.2	918.9	867.5	51.37	17.889	
8,500.0	8,448.5	8,343.0	8,361.7	27.1	29.6	123.52	650.9	-58.9	936.0	884.9	51.09	18.322	
8,600.0	8,540.7	8,388.0	8,406.0	27.0	29.6	121.19	658.9	-59.5	969.5	918.9	50.61	19.158	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design:	ROCK JELLY FEDERAL PROJECT - PECOS EAST FEDERAL COM 22 14H - OWB - AWP												Offset Site Error:	0.0 usft
Survey Program:	156-r.5 MWD												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:								
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	
24,600.0	8,779.9	8,617.1	8,686.1	122.8	23.8	-82.03	-16,421.8	995.1	990.6	864.9	125.65	7.884		
24,700.0	8,779.8	8,620.4	8,689.3	123.5	23.8	-82.31	-16,421.9	995.4	919.7	785.1	134.59	6.834		
24,724.0	8,779.8	8,621.1	8,690.1	123.7	23.8	-82.38	-16,421.9	995.5	903.5	766.7	136.85	6.602 CC, ES, 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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Offset Design: ROCK JELLY FEDERAL PROJECT - ROCK JELLY FEDERAL COM 702H - OWB - PWP2													Offset Site Error:	0.0 usft
Survey Program: 0-r.5 MWD+IFR1+MS													Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
0.0	0.0	0.0	0.2	3.0	3.0	-90.19	-0.1	-30.0	30.0					
100.0	100.0	99.8	100.0	3.1	3.1	-90.19	-0.1	-30.0	30.0	23.3	6.67	4.501		
200.0	200.0	199.8	200.0	3.3	3.3	-90.19	-0.1	-30.0	30.0	22.9	7.12	4.216		
300.0	300.0	299.8	300.0	3.6	3.6	-90.19	-0.1	-30.0	30.0	22.5	7.54	3.979		
400.0	400.0	399.8	400.0	3.8	3.8	-90.19	-0.1	-30.0	30.0	22.1	7.94	3.776		
500.0	500.0	499.8	500.0	4.0	4.0	-90.19	-0.1	-30.0	30.0	21.7	8.33	3.601		
600.0	600.0	599.8	600.0	4.2	4.2	-90.19	-0.1	-30.0	30.0	21.3	8.70	3.448		
700.0	700.0	699.8	700.0	4.3	4.3	-90.19	-0.1	-30.0	30.0	20.9	9.06	3.311		
800.0	800.0	799.8	800.0	4.5	4.5	-90.19	-0.1	-30.0	30.0	20.6	9.41	3.189		
900.0	900.0	899.8	900.0	4.7	4.7	-90.19	-0.1	-30.0	30.0	20.3	9.74	3.079		
1,000.0	1,000.0	999.8	1,000.0	4.8	4.8	-90.19	-0.1	-30.0	30.0	19.9	10.07	2.979	Normal Operations, CC, ES, SF	
1,100.0	1,100.0	1,098.7	1,098.9	5.1	5.1	-167.54	0.3	-31.6	33.4	22.8	10.56	3.159		
1,200.0	1,199.8	1,196.9	1,197.0	5.4	5.4	-167.23	1.7	-36.5	43.4	32.4	11.04	3.934		
1,300.0	1,299.5	1,293.8	1,293.5	5.6	5.6	-166.91	3.8	-44.5	60.2	48.6	11.54	5.214		
1,400.0	1,398.7	1,388.8	1,387.8	5.9	5.9	-166.66	6.7	-55.4	83.4	71.3	12.05	6.921		
1,500.0	1,497.7	1,484.8	1,482.9	6.2	6.1	-166.53	10.2	-68.3	110.1	97.7	12.48	8.826		
1,600.0	1,596.8	1,581.1	1,578.3	6.4	6.4	-166.45	13.6	-81.3	136.9	124.0	12.94	10.580		
1,700.0	1,695.8	1,677.5	1,673.7	6.7	6.6	-166.40	17.1	-94.2	163.7	150.3	13.44	12.182		
1,800.0	1,794.8	1,773.8	1,769.1	7.0	6.9	-166.36	20.6	-107.2	190.5	176.5	13.97	13.639		
1,900.0	1,893.8	1,870.2	1,864.5	7.3	7.2	-166.33	24.1	-120.1	217.3	202.8	14.52	14.964		
2,000.0	1,992.9	1,966.5	1,959.9	7.6	7.5	-166.31	27.5	-133.1	244.1	229.0	15.10	16.165		
2,100.0	2,091.9	2,062.9	2,055.3	7.9	7.8	-166.29	31.0	-146.0	270.9	255.2	15.70	17.254		
2,200.0	2,190.9	2,159.2	2,150.7	8.2	8.1	-166.27	34.5	-159.0	297.7	281.4	16.32	18.243		
2,300.0	2,289.9	2,255.6	2,246.1	8.6	8.4	-166.26	37.9	-171.9	324.5	307.5	16.95	19.140		
2,400.0	2,389.0	2,351.9	2,341.5	8.9	8.8	-166.25	41.4	-184.9	351.2	333.6	17.60	19.956		
2,500.0	2,488.0	2,448.2	2,436.9	9.3	9.1	-166.24	44.9	-197.8	378.0	359.8	18.26	20.700		
2,600.0	2,587.0	2,544.6	2,532.4	9.6	9.4	-166.23	48.3	-210.8	404.8	385.9	18.94	21.377		
2,700.0	2,686.1	2,640.9	2,627.8	10.0	9.8	-166.22	51.8	-223.8	431.6	412.0	19.62	21.997		
2,800.0	2,785.1	2,737.3	2,723.2	10.4	10.2	-166.22	55.3	-236.7	458.4	438.1	20.32	22.564		
2,900.0	2,884.1	2,833.6	2,818.6	10.8	10.5	-166.21	58.8	-249.7	485.2	464.2	21.02	23.085		
3,000.0	2,983.1	2,930.0	2,914.0	11.1	10.9	-166.21	62.2	-262.6	512.0	490.2	21.73	23.563		
3,100.0	3,082.2	3,026.3	3,009.4	11.5	11.3	-166.20	65.7	-275.6	538.8	516.3	22.44	24.004		
3,200.0	3,181.2	3,122.7	3,104.8	11.9	11.6	-166.20	69.2	-288.5	565.6	542.4	23.17	24.411		
3,300.0	3,280.2	3,219.0	3,200.2	12.3	12.0	-166.20	72.6	-301.5	592.3	568.4	23.90	24.788		
3,400.0	3,379.2	3,315.4	3,295.6	12.7	12.4	-166.19	76.1	-314.4	619.1	594.5	24.63	25.137		
3,500.0	3,478.3	3,411.7	3,391.0	13.1	12.8	-166.19	79.6	-327.4	645.9	620.6	25.37	25.461		
3,600.0	3,577.3	3,508.0	3,486.4	13.5	13.1	-166.19	83.0	-340.3	672.7	646.6	26.11	25.762		
3,700.0	3,676.3	3,604.4	3,581.8	13.9	13.5	-166.18	86.5	-353.3	699.5	672.6	26.86	26.043		
3,800.0	3,775.3	3,700.7	3,677.2	14.3	13.9	-166.18	90.0	-366.2	726.3	698.7	27.61	26.306		
3,900.0	3,874.4	3,797.1	3,772.6	14.7	14.3	-166.18	93.5	-379.2	753.1	724.7	28.36	26.551		
4,000.0	3,973.4	3,893.4	3,868.1	15.1	14.7	-166.18	96.9	-392.1	779.9	750.7	29.12	26.781		
4,100.0	4,072.4	3,989.8	3,963.5	15.5	15.1	-166.18	100.4	-405.1	806.7	776.8	29.88	26.996		
4,200.0	4,171.5	4,086.1	4,058.9	15.9	15.5	-166.17	103.9	-418.0	833.4	802.8	30.64	27.199		
4,300.0	4,270.5	4,182.5	4,154.3	16.4	15.9	-166.17	107.3	-431.0	860.2	828.8	31.41	27.389		
4,400.0	4,369.5	4,278.8	4,249.7	16.8	16.3	-166.17	110.8	-443.9	887.0	854.8	32.17	27.569		
4,500.0	4,468.5	4,375.1	4,345.1	17.2	16.7	-166.17	114.3	-456.9	913.8	880.9	32.94	27.738		
4,600.0	4,567.6	4,471.5	4,440.5	17.6	17.1	-166.17	117.8	-469.8	940.6	906.9	33.72	27.898		
4,700.0	4,666.6	4,567.8	4,535.9	18.0	17.5	-166.17	121.2	-482.8	967.4	932.9	34.49	28.050		
4,800.0	4,765.6	4,664.2	4,631.3	18.4	17.9	-166.17	124.7	-495.7	994.2	958.9	35.26	28.193		

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 FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Reference Depths are relative to KB @ 3003.0usft	Coordinates are relative to: ROCK JELLY FEDERAL COM 701H
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Central Meridian is 104° 20' 0.000 W	Grid Convergence at Surface is: 0.19°

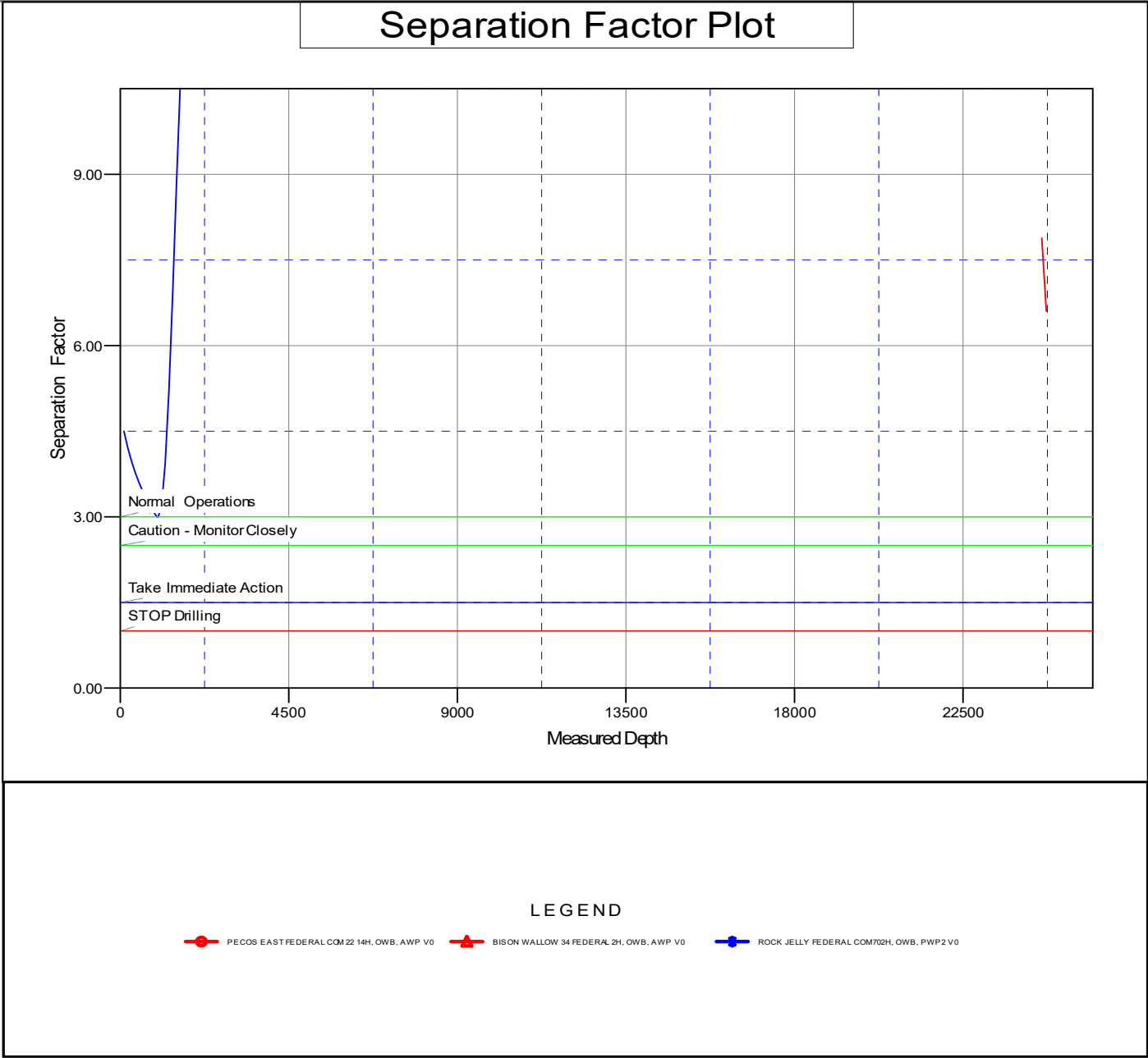


ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Project:	ATLAS PROSPECT (DBW)	TVD Reference:	KB @ 3003.0usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	MD Reference:	KB @ 3003.0usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Permian Prod
Reference Design:	PWP2	Offset TVD Reference:	Reference Datum

Reference Depths are relative to KB @ 3003.0usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FEDERAL 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



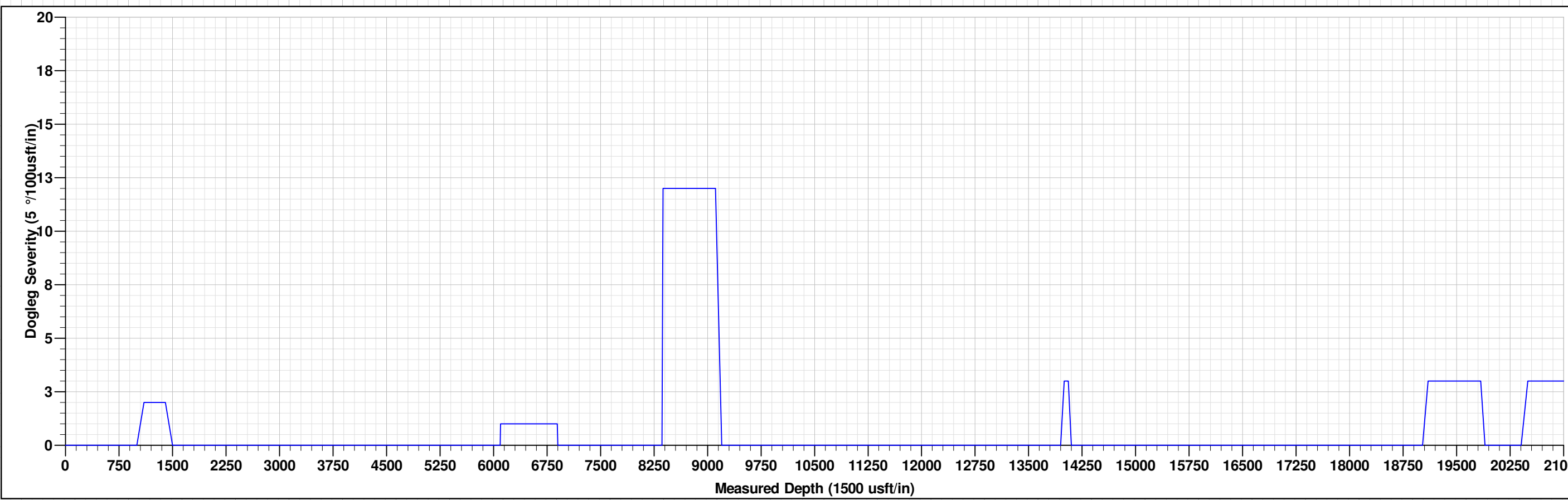
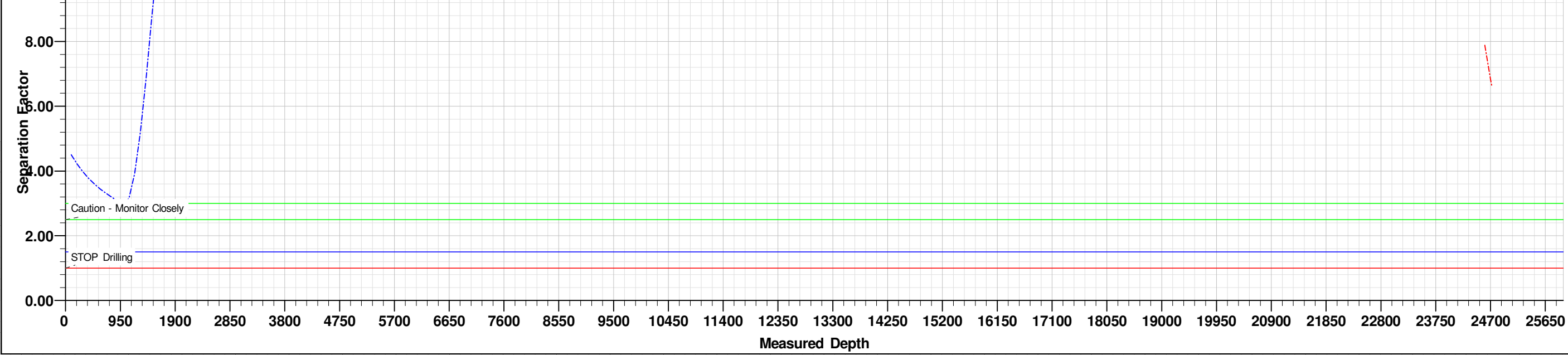
Project: ATLAS PROSPECT (DBW)
Site: ROCK JELLY FEDERAL PROJECT
Well: ROCK JELLY FEDERAL COM 701H
Wellbore: OWB
Design: PWP2
GL: 2978.0
KB @ 3003.0usft

WELL DETAILS: ROCK JELLY FEDERAL COM 701H

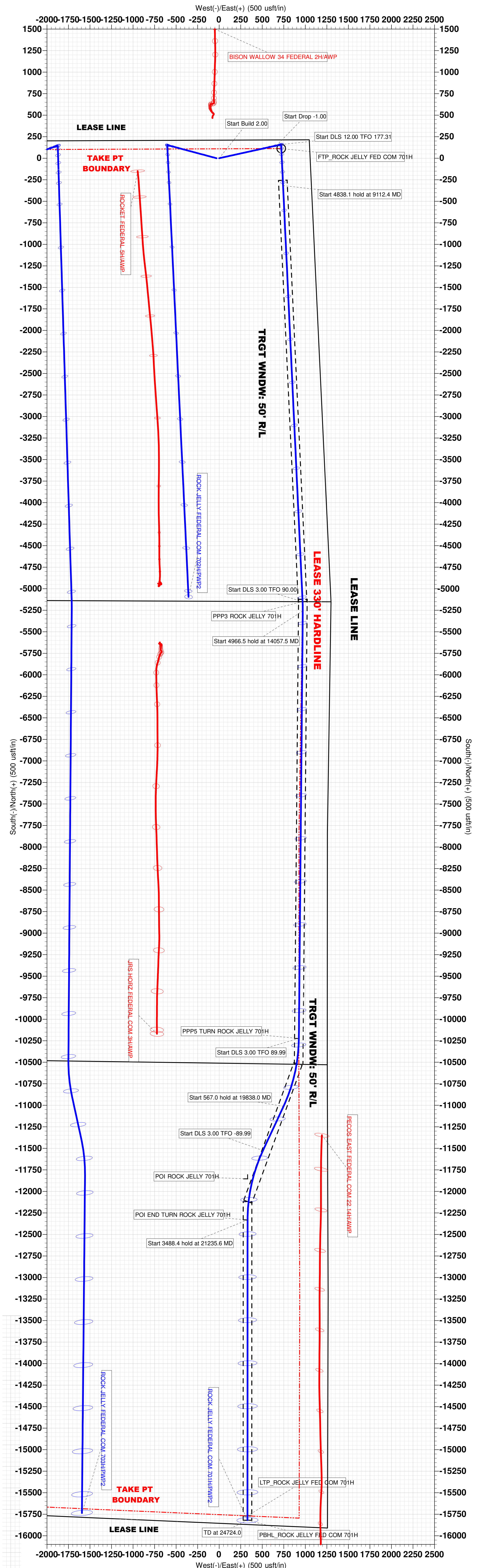
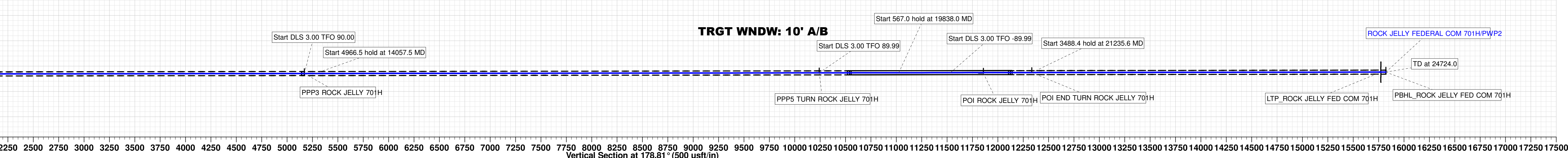
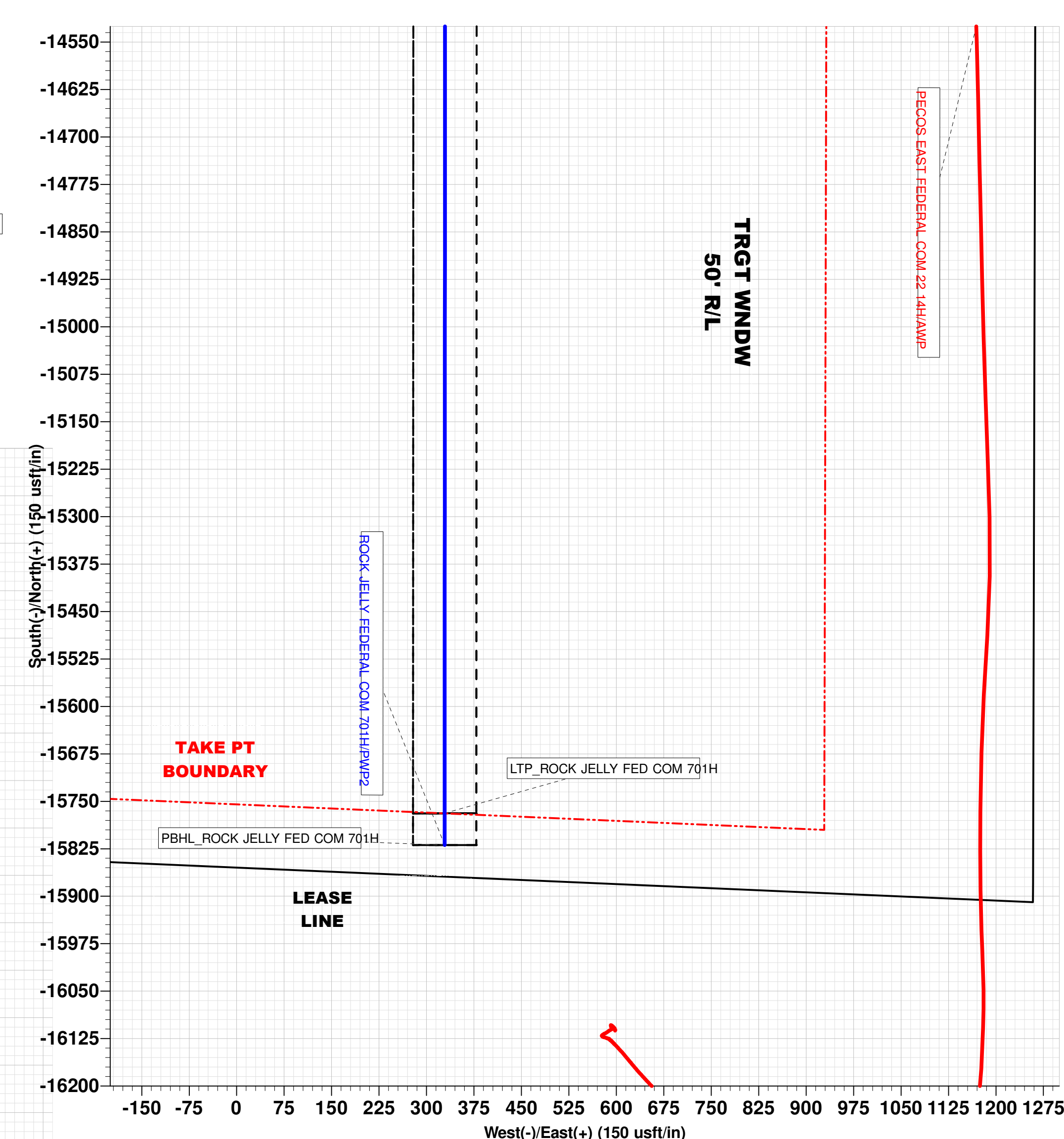
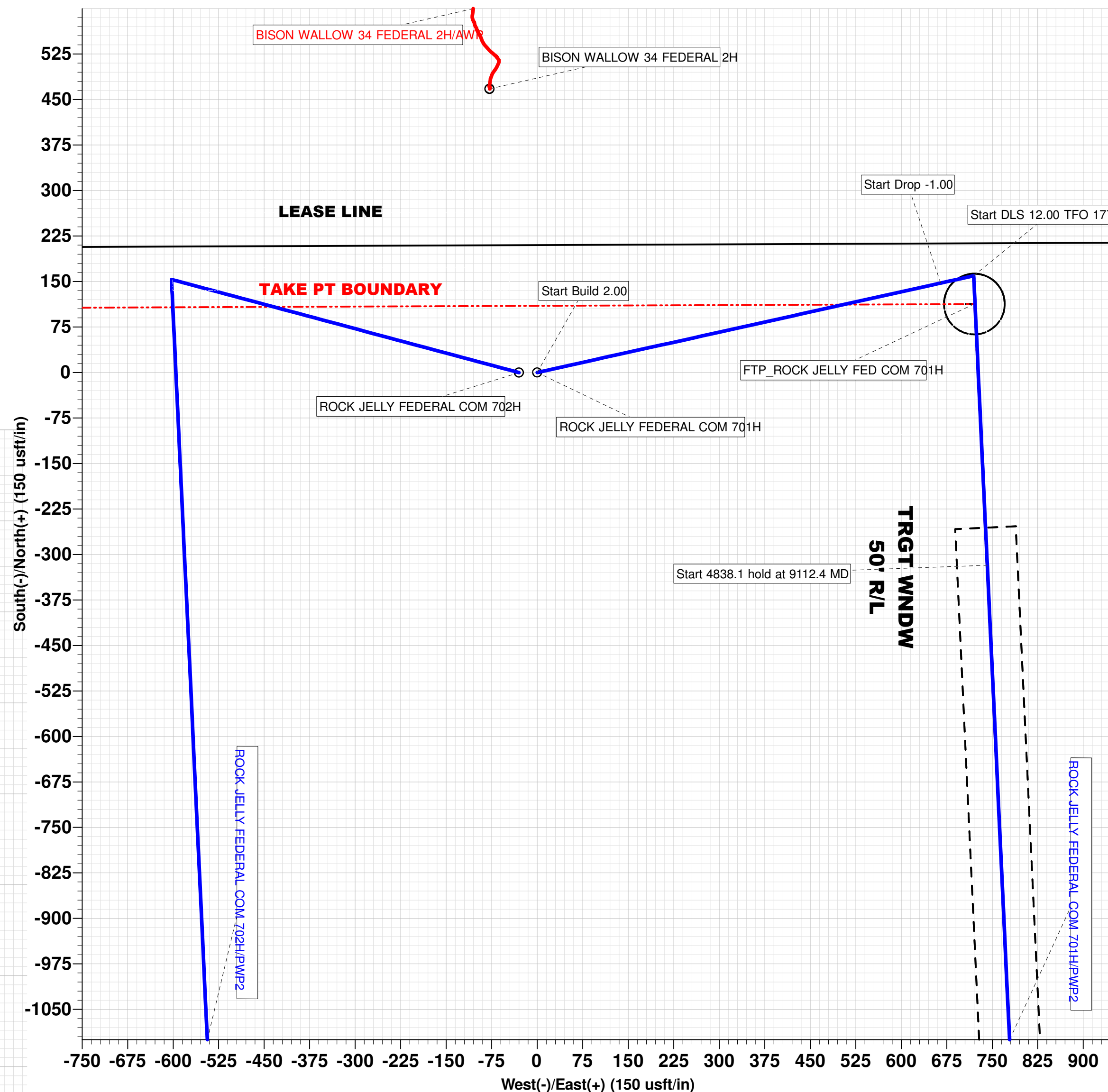
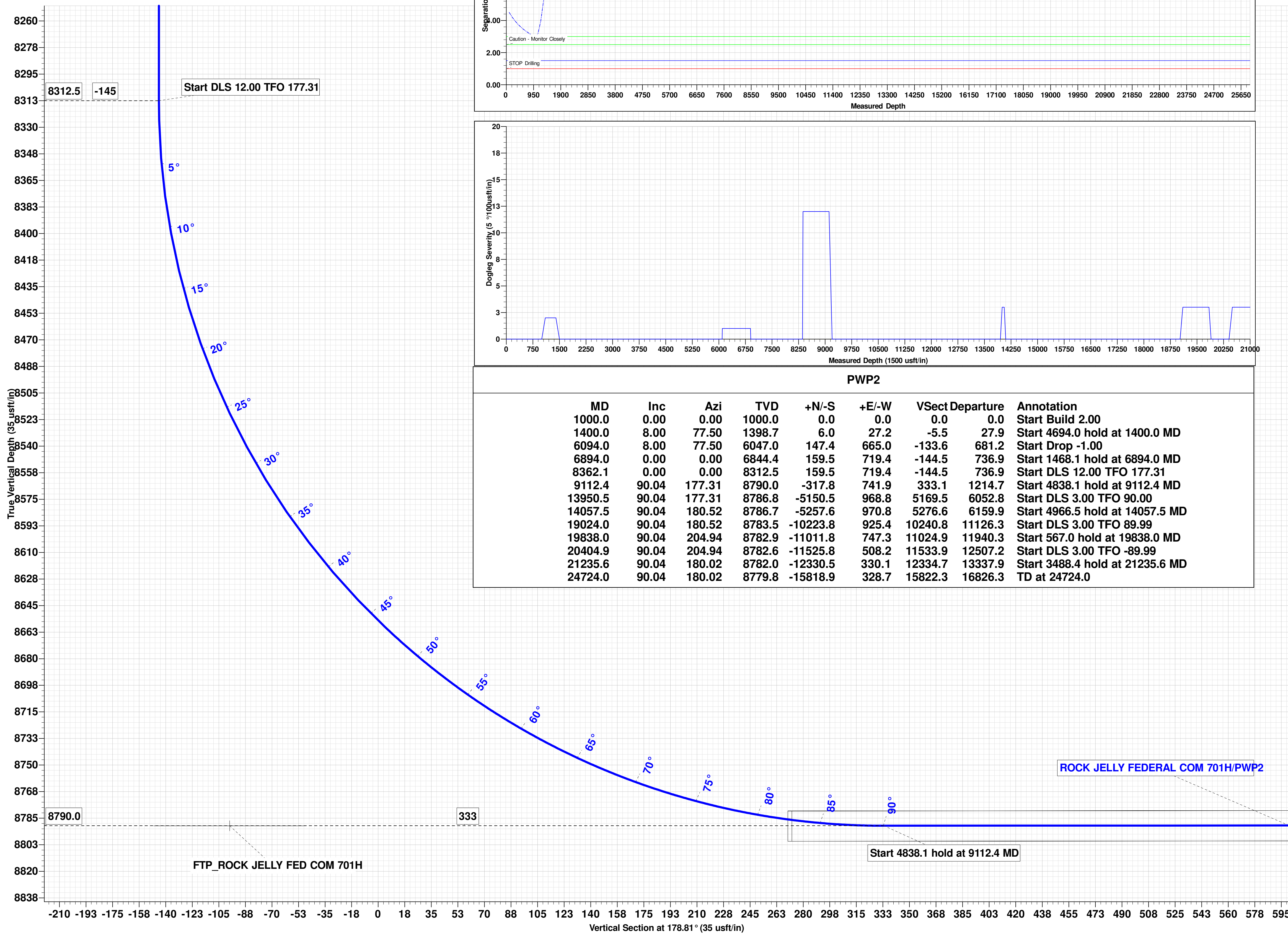
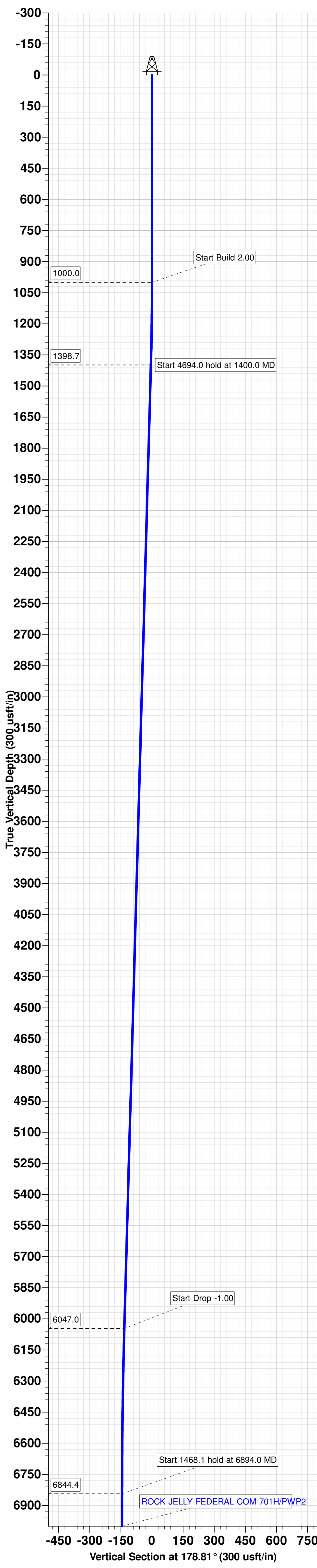
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	392391.60	613615.90	32° 4' 41.769 N	103° 57' 59.448 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
LTP_ROCK JELLY FED COM 701H	8780.0	-15768.9	328.7	376622.70	613944.60	Circle (Radius: 50.0)
PBHL_ROCK JELLY FED COM 701H	8780.0	-15616.9	328.7	376572.70	613944.60	Rectangle (Sides: L3700.0 W100.0)
POI_END TURN ROCK JELLY 701H	8782.0	-12330.5	330.1	380061.10	613946.00	Rectangle (Sides: L1700.0 W100.0)
PPPS TURN ROCK JELLY 701H	8783.5	-10223.8	925.4	382167.80	614541.30	Rectangle (Sides: L5400.0 W100.0)
POI ROCK JELLY 701H	8785.0	-11853.5	330.3	380538.10	613946.20	Point
PPP3 ROCK JELLY 701H	8786.8	-5150.5	968.8	387241.10	614584.70	Rectangle (Sides: L4900.0 W100.0)
FTP_ROCK JELLY FED COM 701H	8790.0	112.9	720.5	392504.50	614336.40	Circle (Radius: 50.0)



MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
1000.0	0.00	0.00	1000.0	0.0	0.0	0.0	0.0	Start Build 2.00
1400.0	8.00	77.50	1398.7	6.0	27.2	-5.5	27.9	Start 4694.0 hold at 1400.0 MD
6094.0	8.00	77.50	6047.0	147.4	665.0	-133.6	681.2	Start Drop -1.00
6894.0	0.00	0.00	6844.4	159.5	719.4	-144.5	736.9	Start 1468.1 hold at 6894.0 MD
8362.1	0.00	0.00	8312.5	159.5	719.4	-144.5	736.9	Start DLS 12.00 TFO 177.31
9112.4	90.04	177.31	8790.0	-317.8	741.9	333.1	1214.7	Start 4838.1 hold at 9112.4 MD
13950.5	90.04	177.31	8786.8	-5150.5	968.8	5169.5	6052.8	Start DLS 3.00 TFO 90.00
14057.5	90.04	180.52	8786.7	-5257.6	970.8	5276.6	6159.9	Start 4966.5 hold at 14057.5 MD
19024.0	90.04	180.52	8783.5	-10223.8	925.4	10240.8	11126.3	Start DLS 3.00 TFO 89.99
19838.0	90.04	204.94	8782.9	-11011.8	747.3	11024.9	11940.3	Start 567.0 hold at 19838.0 MD
20404.9	90.04	204.94	8782.6	-11525.8	508.2	11533.9	12507.2	Start DLS 3.00 TFO -89.99
21235.6	90.04	180.02	8782.0	-12330.5	330.1	12334.7	13337.9	Start 3488.4 hold at 21235.6 MD
24724.0	90.04	180.02	8779.8	-15818.9	328.7	15822.3	16826.3	TD at 24724.0



DELAWARE BASIN WEST

**ATLAS PROSPECT (DBW)
ROCK JELLY FEDERAL PROJECT
ROCK JELLY FEDERAL COM 701H**

OWB

Plan: PWP2

Standard Planning Report

19 March, 2024

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Project	ATLAS PROSPECT (DBW)		
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		
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

Well	ROCK JELLY FEDERAL 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
Grid Convergence:		0.19 °				

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2022	9/5/2023	6.52	59.64	47,363.92301072

Design	PWP2				
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	178.81

Plan Survey Tool Program	Date	3/19/2024			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	24,724.0 PWP2 (OWB)	r.5 MWD+IFR1+MS		
			OWSG MWD + IFR1 + Multi-St		

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	8.00	77.50	1,398.7	6.0	27.2	2.00	2.00	0.00	77.50	
6,094.0	8.00	77.50	6,047.0	147.4	665.0	0.00	0.00	0.00	0.00	
6,894.0	0.00	0.00	6,844.4	159.5	719.4	1.00	-1.00	0.00	180.00	
8,362.1	0.00	0.00	8,312.5	159.5	719.4	0.00	0.00	0.00	0.00	
9,112.4	90.04	177.31	8,790.0	-317.8	741.9	12.00	12.00	23.63	177.31	
13,950.5	90.04	177.31	8,786.8	-5,150.5	968.8	0.00	0.00	0.00	0.00	
14,057.5	90.04	180.52	8,786.7	-5,257.6	970.8	3.00	0.00	3.00	90.00	
19,024.0	90.04	180.52	8,783.5	-10,223.8	925.4	0.00	0.00	0.00	0.00	
19,838.0	90.04	204.94	8,782.9	-11,011.8	747.3	3.00	0.00	3.00	89.99	
20,404.9	90.04	204.94	8,782.6	-11,525.8	508.2	0.00	0.00	0.00	0.00	
21,235.6	90.04	180.02	8,782.0	-12,330.5	330.1	3.00	0.00	-3.00	-89.99	
24,724.0	90.04	180.02	8,779.8	-15,818.9	328.7	0.00	0.00	0.00	0.00	

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
1,100.0	2.00	77.50	1,100.0	0.4	1.7	-0.3	2.00	2.00	0.00
1,200.0	4.00	77.50	1,199.8	1.5	6.8	-1.4	2.00	2.00	0.00
1,300.0	6.00	77.50	1,299.5	3.4	15.3	-3.1	2.00	2.00	0.00
1,400.0	8.00	77.50	1,398.7	6.0	27.2	-5.5	2.00	2.00	0.00
Start 4694.0 hold at 1400.0 MD									
1,500.0	8.00	77.50	1,497.7	9.0	40.8	-8.2	0.00	0.00	0.00
1,600.0	8.00	77.50	1,596.8	12.1	54.4	-10.9	0.00	0.00	0.00
1,700.0	8.00	77.50	1,695.8	15.1	68.0	-13.7	0.00	0.00	0.00
1,800.0	8.00	77.50	1,794.8	18.1	81.6	-16.4	0.00	0.00	0.00
1,900.0	8.00	77.50	1,893.8	21.1	95.2	-19.1	0.00	0.00	0.00
2,000.0	8.00	77.50	1,992.9	24.1	108.7	-21.8	0.00	0.00	0.00
2,100.0	8.00	77.50	2,091.9	27.1	122.3	-24.6	0.00	0.00	0.00
2,200.0	8.00	77.50	2,190.9	30.1	135.9	-27.3	0.00	0.00	0.00
2,300.0	8.00	77.50	2,289.9	33.1	149.5	-30.0	0.00	0.00	0.00
2,400.0	8.00	77.50	2,389.0	36.2	163.1	-32.8	0.00	0.00	0.00
2,500.0	8.00	77.50	2,488.0	39.2	176.7	-35.5	0.00	0.00	0.00
2,600.0	8.00	77.50	2,587.0	42.2	190.3	-38.2	0.00	0.00	0.00
2,700.0	8.00	77.50	2,686.1	45.2	203.9	-40.9	0.00	0.00	0.00
2,800.0	8.00	77.50	2,785.1	48.2	217.4	-43.7	0.00	0.00	0.00
2,900.0	8.00	77.50	2,884.1	51.2	231.0	-46.4	0.00	0.00	0.00
3,000.0	8.00	77.50	2,983.1	54.2	244.6	-49.1	0.00	0.00	0.00
3,100.0	8.00	77.50	3,082.2	57.2	258.2	-51.9	0.00	0.00	0.00
3,200.0	8.00	77.50	3,181.2	60.3	271.8	-54.6	0.00	0.00	0.00
3,300.0	8.00	77.50	3,280.2	63.3	285.4	-57.3	0.00	0.00	0.00
3,400.0	8.00	77.50	3,379.2	66.3	299.0	-60.1	0.00	0.00	0.00
3,500.0	8.00	77.50	3,478.3	69.3	312.6	-62.8	0.00	0.00	0.00
3,600.0	8.00	77.50	3,577.3	72.3	326.1	-65.5	0.00	0.00	0.00
3,700.0	8.00	77.50	3,676.3	75.3	339.7	-68.2	0.00	0.00	0.00
3,800.0	8.00	77.50	3,775.3	78.3	353.3	-71.0	0.00	0.00	0.00
3,900.0	8.00	77.50	3,874.4	81.3	366.9	-73.7	0.00	0.00	0.00
4,000.0	8.00	77.50	3,973.4	84.4	380.5	-76.4	0.00	0.00	0.00
4,100.0	8.00	77.50	4,072.4	87.4	394.1	-79.2	0.00	0.00	0.00
4,200.0	8.00	77.50	4,171.5	90.4	407.7	-81.9	0.00	0.00	0.00
4,300.0	8.00	77.50	4,270.5	93.4	421.3	-84.6	0.00	0.00	0.00
4,400.0	8.00	77.50	4,369.5	96.4	434.8	-87.3	0.00	0.00	0.00
4,500.0	8.00	77.50	4,468.5	99.4	448.4	-90.1	0.00	0.00	0.00
4,600.0	8.00	77.50	4,567.6	102.4	462.0	-92.8	0.00	0.00	0.00
4,700.0	8.00	77.50	4,666.6	105.4	475.6	-95.5	0.00	0.00	0.00
4,800.0	8.00	77.50	4,765.6	108.5	489.2	-98.3	0.00	0.00	0.00
4,900.0	8.00	77.50	4,864.6	111.5	502.8	-101.0	0.00	0.00	0.00
5,000.0	8.00	77.50	4,963.7	114.5	516.4	-103.7	0.00	0.00	0.00
5,100.0	8.00	77.50	5,062.7	117.5	530.0	-106.5	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)	
5,200.0	8.00	77.50	5,161.7	120.5	543.5	-109.2	0.00	0.00	0.00	
5,300.0	8.00	77.50	5,260.7	123.5	557.1	-111.9	0.00	0.00	0.00	
5,400.0	8.00	77.50	5,359.8	126.5	570.7	-114.6	0.00	0.00	0.00	
5,500.0	8.00	77.50	5,458.8	129.5	584.3	-117.4	0.00	0.00	0.00	
5,600.0	8.00	77.50	5,557.8	132.5	597.9	-120.1	0.00	0.00	0.00	
5,700.0	8.00	77.50	5,656.9	135.6	611.5	-122.8	0.00	0.00	0.00	
5,800.0	8.00	77.50	5,755.9	138.6	625.1	-125.6	0.00	0.00	0.00	
5,900.0	8.00	77.50	5,854.9	141.6	638.7	-128.3	0.00	0.00	0.00	
6,000.0	8.00	77.50	5,953.9	144.6	652.2	-131.0	0.00	0.00	0.00	
6,094.0	8.00	77.50	6,047.0	147.4	665.0	-133.6	0.00	0.00	0.00	
Start Drop -1.00										
6,100.0	7.94	77.50	6,053.0	147.6	665.8	-133.7	1.00	-1.00	0.00	
6,200.0	6.94	77.50	6,152.1	150.4	678.5	-136.3	1.00	-1.00	0.00	
6,300.0	5.94	77.50	6,251.5	152.8	689.4	-138.5	1.00	-1.00	0.00	
6,400.0	4.94	77.50	6,351.0	154.9	698.7	-140.3	1.00	-1.00	0.00	
6,500.0	3.94	77.50	6,450.7	156.6	706.2	-141.9	1.00	-1.00	0.00	
6,600.0	2.94	77.50	6,550.6	157.9	712.1	-143.0	1.00	-1.00	0.00	
6,700.0	1.94	77.50	6,650.5	158.8	716.2	-143.9	1.00	-1.00	0.00	
6,800.0	0.94	77.50	6,750.4	159.3	718.7	-144.4	1.00	-1.00	0.00	
6,894.0	0.00	0.00	6,844.4	159.5	719.4	-144.5	1.00	-1.00	0.00	
Start 1468.1 hold at 6894.0 MD										
6,900.0	0.00	0.00	6,850.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,950.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,050.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,150.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,250.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,350.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,450.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,550.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,650.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,750.4	159.5	719.4	-144.5	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,850.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,950.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,050.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,150.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,250.4	159.5	719.4	-144.5	0.00	0.00	0.00	
8,362.1	0.00	0.00	8,312.5	159.5	719.4	-144.5	0.00	0.00	0.00	
Start DLS 12.00 TFO 177.31										
8,400.0	4.55	177.31	8,350.4	158.0	719.5	-143.0	12.00	12.00	0.00	
8,500.0	16.55	177.31	8,448.5	139.7	720.4	-124.7	12.00	12.00	0.00	
8,600.0	28.55	177.31	8,540.7	101.5	722.2	-86.5	12.00	12.00	0.00	
8,700.0	40.55	177.31	8,622.9	45.0	724.8	-29.9	12.00	12.00	0.00	
8,765.6	48.42	177.31	8,669.7	-0.9	727.0	16.0	12.00	12.00	0.00	
FTP_ROCK JELLY FED COM 701H										
8,800.0	52.55	177.31	8,691.6	-27.4	728.2	42.6	12.00	12.00	0.00	
8,900.0	64.55	177.31	8,743.6	-112.5	732.2	127.7	12.00	12.00	0.00	
9,000.0	76.55	177.31	8,776.9	-206.5	736.6	221.8	12.00	12.00	0.00	
9,100.0	88.55	177.31	8,789.8	-305.4	741.3	320.7	12.00	12.00	0.00	
9,112.4	90.04	177.31	8,790.0	-317.8	741.9	333.1	12.00	12.00	0.00	
Start 4838.1 hold at 9112.4 MD										
9,200.0	90.04	177.31	8,789.9	-405.3	746.0	420.7	0.00	0.00	0.00	
9,300.0	90.04	177.31	8,789.8	-505.2	750.7	520.6	0.00	0.00	0.00	
9,400.0	90.04	177.31	8,789.8	-605.0	755.3	620.6	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,500.0	90.04	177.31	8,789.7	-704.9	760.0	720.6	0.00	0.00	0.00
9,600.0	90.04	177.31	8,789.6	-804.8	764.7	820.5	0.00	0.00	0.00
9,700.0	90.04	177.31	8,789.6	-904.7	769.4	920.5	0.00	0.00	0.00
9,800.0	90.04	177.31	8,789.5	-1,004.6	774.1	1,020.5	0.00	0.00	0.00
9,900.0	90.04	177.31	8,789.4	-1,104.5	778.8	1,120.4	0.00	0.00	0.00
10,000.0	90.04	177.31	8,789.4	-1,204.4	783.5	1,220.4	0.00	0.00	0.00
10,100.0	90.04	177.31	8,789.3	-1,304.3	788.2	1,320.4	0.00	0.00	0.00
10,200.0	90.04	177.31	8,789.3	-1,404.2	792.9	1,420.3	0.00	0.00	0.00
10,300.0	90.04	177.31	8,789.2	-1,504.1	797.6	1,520.3	0.00	0.00	0.00
10,400.0	90.04	177.31	8,789.1	-1,603.9	802.3	1,620.3	0.00	0.00	0.00
10,500.0	90.04	177.31	8,789.1	-1,703.8	806.9	1,720.2	0.00	0.00	0.00
10,600.0	90.04	177.31	8,789.0	-1,803.7	811.6	1,820.2	0.00	0.00	0.00
10,700.0	90.04	177.31	8,788.9	-1,903.6	816.3	1,920.2	0.00	0.00	0.00
10,800.0	90.04	177.31	8,788.9	-2,003.5	821.0	2,020.1	0.00	0.00	0.00
10,900.0	90.04	177.31	8,788.8	-2,103.4	825.7	2,120.1	0.00	0.00	0.00
11,000.0	90.04	177.31	8,788.7	-2,203.3	830.4	2,220.1	0.00	0.00	0.00
11,100.0	90.04	177.31	8,788.7	-2,303.2	835.1	2,320.0	0.00	0.00	0.00
11,200.0	90.04	177.31	8,788.6	-2,403.1	839.8	2,420.0	0.00	0.00	0.00
11,300.0	90.04	177.31	8,788.5	-2,503.0	844.5	2,520.0	0.00	0.00	0.00
11,400.0	90.04	177.31	8,788.5	-2,602.8	849.2	2,619.9	0.00	0.00	0.00
11,500.0	90.04	177.31	8,788.4	-2,702.7	853.9	2,719.9	0.00	0.00	0.00
11,600.0	90.04	177.31	8,788.3	-2,802.6	858.5	2,819.9	0.00	0.00	0.00
11,700.0	90.04	177.31	8,788.3	-2,902.5	863.2	2,919.8	0.00	0.00	0.00
11,800.0	90.04	177.31	8,788.2	-3,002.4	867.9	3,019.8	0.00	0.00	0.00
11,900.0	90.04	177.31	8,788.1	-3,102.3	872.6	3,119.8	0.00	0.00	0.00
12,000.0	90.04	177.31	8,788.1	-3,202.2	877.3	3,219.7	0.00	0.00	0.00
12,100.0	90.04	177.31	8,788.0	-3,302.1	882.0	3,319.7	0.00	0.00	0.00
12,200.0	90.04	177.31	8,787.9	-3,402.0	886.7	3,419.7	0.00	0.00	0.00
12,300.0	90.04	177.31	8,787.9	-3,501.9	891.4	3,519.6	0.00	0.00	0.00
12,400.0	90.04	177.31	8,787.8	-3,601.7	896.1	3,619.6	0.00	0.00	0.00
12,500.0	90.04	177.31	8,787.7	-3,701.6	900.8	3,719.5	0.00	0.00	0.00
12,600.0	90.04	177.31	8,787.7	-3,801.5	905.5	3,819.5	0.00	0.00	0.00
12,700.0	90.04	177.31	8,787.6	-3,901.4	910.1	3,919.5	0.00	0.00	0.00
12,800.0	90.04	177.31	8,787.6	-4,001.3	914.8	4,019.4	0.00	0.00	0.00
12,900.0	90.04	177.31	8,787.5	-4,101.2	919.5	4,119.4	0.00	0.00	0.00
13,000.0	90.04	177.31	8,787.4	-4,201.1	924.2	4,219.4	0.00	0.00	0.00
13,100.0	90.04	177.31	8,787.4	-4,301.0	928.9	4,319.3	0.00	0.00	0.00
13,200.0	90.04	177.31	8,787.3	-4,400.9	933.6	4,419.3	0.00	0.00	0.00
13,300.0	90.04	177.31	8,787.2	-4,500.8	938.3	4,519.3	0.00	0.00	0.00
13,400.0	90.04	177.31	8,787.2	-4,600.6	943.0	4,619.2	0.00	0.00	0.00
13,500.0	90.04	177.31	8,787.1	-4,700.5	947.7	4,719.2	0.00	0.00	0.00
13,600.0	90.04	177.31	8,787.0	-4,800.4	952.4	4,819.2	0.00	0.00	0.00
13,700.0	90.04	177.31	8,787.0	-4,900.3	957.1	4,919.1	0.00	0.00	0.00
13,800.0	90.04	177.31	8,786.9	-5,000.2	961.7	5,019.1	0.00	0.00	0.00
13,900.0	90.04	177.31	8,786.8	-5,100.1	966.4	5,119.1	0.00	0.00	0.00
13,950.5	90.04	177.31	8,786.8	-5,150.5	968.8	5,169.5	0.00	0.00	0.00
Start DLS 3.00 TFO 90.00 - PPP3 ROCK JELLY 701H									
14,000.0	90.04	178.80	8,786.8	-5,200.0	970.5	5,219.0	3.00	0.00	3.00
14,057.5	90.04	180.52	8,786.7	-5,257.6	970.8	5,276.6	3.00	0.00	3.00
Start 4966.5 hold at 14057.5 MD									
14,100.0	90.04	180.52	8,786.7	-5,300.0	970.4	5,319.0	0.00	0.00	0.00
14,200.0	90.04	180.52	8,786.6	-5,400.0	969.5	5,419.0	0.00	0.00	0.00
14,300.0	90.04	180.52	8,786.6	-5,500.0	968.6	5,518.9	0.00	0.00	0.00
14,400.0	90.04	180.52	8,786.5	-5,600.0	967.7	5,618.9	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,500.0	90.04	180.52	8,786.4	-5,700.0	966.8	5,718.8	0.00	0.00	0.00
14,600.0	90.04	180.52	8,786.4	-5,800.0	965.9	5,818.8	0.00	0.00	0.00
14,700.0	90.04	180.52	8,786.3	-5,900.0	964.9	5,918.8	0.00	0.00	0.00
14,800.0	90.04	180.52	8,786.2	-6,000.0	964.0	6,018.7	0.00	0.00	0.00
14,900.0	90.04	180.52	8,786.2	-6,100.0	963.1	6,118.7	0.00	0.00	0.00
15,000.0	90.04	180.52	8,786.1	-6,200.0	962.2	6,218.6	0.00	0.00	0.00
15,100.0	90.04	180.52	8,786.0	-6,300.0	961.3	6,318.6	0.00	0.00	0.00
15,200.0	90.04	180.52	8,786.0	-6,400.0	960.4	6,418.5	0.00	0.00	0.00
15,300.0	90.04	180.52	8,785.9	-6,500.0	959.5	6,518.5	0.00	0.00	0.00
15,400.0	90.04	180.52	8,785.9	-6,599.9	958.5	6,618.4	0.00	0.00	0.00
15,500.0	90.04	180.52	8,785.8	-6,699.9	957.6	6,718.4	0.00	0.00	0.00
15,600.0	90.04	180.52	8,785.7	-6,799.9	956.7	6,818.3	0.00	0.00	0.00
15,700.0	90.04	180.52	8,785.7	-6,899.9	955.8	6,918.3	0.00	0.00	0.00
15,800.0	90.04	180.52	8,785.6	-6,999.9	954.9	7,018.3	0.00	0.00	0.00
15,900.0	90.04	180.52	8,785.5	-7,099.9	954.0	7,118.2	0.00	0.00	0.00
16,000.0	90.04	180.52	8,785.5	-7,199.9	953.1	7,218.2	0.00	0.00	0.00
16,100.0	90.04	180.52	8,785.4	-7,299.9	952.1	7,318.1	0.00	0.00	0.00
16,200.0	90.04	180.52	8,785.3	-7,399.9	951.2	7,418.1	0.00	0.00	0.00
16,300.0	90.04	180.52	8,785.3	-7,499.9	950.3	7,518.0	0.00	0.00	0.00
16,400.0	90.04	180.52	8,785.2	-7,599.9	949.4	7,618.0	0.00	0.00	0.00
16,500.0	90.04	180.52	8,785.1	-7,699.9	948.5	7,717.9	0.00	0.00	0.00
16,600.0	90.04	180.52	8,785.1	-7,799.9	947.6	7,817.9	0.00	0.00	0.00
16,700.0	90.04	180.52	8,785.0	-7,899.9	946.7	7,917.9	0.00	0.00	0.00
16,800.0	90.04	180.52	8,784.9	-7,999.9	945.7	8,017.8	0.00	0.00	0.00
16,900.0	90.04	180.52	8,784.9	-8,099.9	944.8	8,117.8	0.00	0.00	0.00
17,000.0	90.04	180.52	8,784.8	-8,199.9	943.9	8,217.7	0.00	0.00	0.00
17,100.0	90.04	180.52	8,784.7	-8,299.9	943.0	8,317.7	0.00	0.00	0.00
17,200.0	90.04	180.52	8,784.7	-8,399.9	942.1	8,417.6	0.00	0.00	0.00
17,300.0	90.04	180.52	8,784.6	-8,499.9	941.2	8,517.6	0.00	0.00	0.00
17,400.0	90.04	180.52	8,784.5	-8,599.9	940.3	8,617.5	0.00	0.00	0.00
17,500.0	90.04	180.52	8,784.5	-8,699.9	939.3	8,717.5	0.00	0.00	0.00
17,600.0	90.04	180.52	8,784.4	-8,799.9	938.4	8,817.5	0.00	0.00	0.00
17,700.0	90.04	180.52	8,784.3	-8,899.9	937.5	8,917.4	0.00	0.00	0.00
17,800.0	90.04	180.52	8,784.3	-8,999.8	936.6	9,017.4	0.00	0.00	0.00
17,900.0	90.04	180.52	8,784.2	-9,099.8	935.7	9,117.3	0.00	0.00	0.00
18,000.0	90.04	180.52	8,784.1	-9,199.8	934.8	9,217.3	0.00	0.00	0.00
18,100.0	90.04	180.52	8,784.1	-9,299.8	933.9	9,317.2	0.00	0.00	0.00
18,200.0	90.04	180.52	8,784.0	-9,399.8	932.9	9,417.2	0.00	0.00	0.00
18,300.0	90.04	180.52	8,784.0	-9,499.8	932.0	9,517.1	0.00	0.00	0.00
18,400.0	90.04	180.52	8,783.9	-9,599.8	931.1	9,617.1	0.00	0.00	0.00
18,500.0	90.04	180.52	8,783.8	-9,699.8	930.2	9,717.0	0.00	0.00	0.00
18,600.0	90.04	180.52	8,783.8	-9,799.8	929.3	9,817.0	0.00	0.00	0.00
18,700.0	90.04	180.52	8,783.7	-9,899.8	928.4	9,917.0	0.00	0.00	0.00
18,800.0	90.04	180.52	8,783.6	-9,999.8	927.4	10,016.9	0.00	0.00	0.00
18,900.0	90.04	180.52	8,783.6	-10,099.8	926.5	10,116.9	0.00	0.00	0.00
19,000.0	90.04	180.52	8,783.5	-10,199.8	925.6	10,216.8	0.00	0.00	0.00
19,024.0	90.04	180.52	8,783.5	-10,223.8	925.4	10,240.8	0.00	0.00	0.00
Start DLS 3.00 TFO 89.99 - PPP5 TURN ROCK JELLY 701H									
19,100.0	90.04	182.80	8,783.4	-10,299.8	923.2	10,316.7	3.00	0.00	3.00
19,200.0	90.04	185.80	8,783.4	-10,399.5	915.7	10,416.2	3.00	0.00	3.00
19,300.0	90.04	188.80	8,783.3	-10,498.6	903.0	10,515.1	3.00	0.00	3.00
19,400.0	90.04	191.80	8,783.2	-10,597.0	885.1	10,613.1	3.00	0.00	3.00
19,500.0	90.04	194.80	8,783.2	-10,694.3	862.1	10,709.9	3.00	0.00	3.00
19,600.0	90.04	197.80	8,783.1	-10,790.3	834.0	10,805.3	3.00	0.00	3.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,700.0	90.04	200.80	8,783.0	-10,884.7	801.0	10,898.9	3.00	0.00	3.00
19,800.0	90.04	203.80	8,783.0	-10,977.2	763.0	10,990.6	3.00	0.00	3.00
19,838.0	90.04	204.94	8,782.9	-11,011.8	747.3	11,024.9	3.00	0.00	3.00
Start 567.0 hold at 19838.0 MD									
19,900.0	90.04	204.94	8,782.9	-11,068.0	721.2	11,080.6	0.00	0.00	0.00
20,000.0	90.04	204.94	8,782.8	-11,158.7	679.0	11,170.4	0.00	0.00	0.00
20,100.0	90.04	204.94	8,782.8	-11,249.3	636.8	11,260.1	0.00	0.00	0.00
20,200.0	90.04	204.94	8,782.7	-11,340.0	594.7	11,349.9	0.00	0.00	0.00
20,300.0	90.04	204.94	8,782.6	-11,430.7	552.5	11,439.7	0.00	0.00	0.00
20,400.0	90.04	204.94	8,782.6	-11,521.4	510.3	11,529.5	0.00	0.00	0.00
20,404.9	90.04	204.94	8,782.6	-11,525.8	508.2	11,533.9	0.00	0.00	0.00
Start DLS 3.00 TFO -89.99									
20,500.0	90.04	202.09	8,782.5	-11,613.0	470.3	11,620.3	3.00	0.00	-3.00
20,600.0	90.04	199.09	8,782.5	-11,706.6	435.1	11,713.1	3.00	0.00	-3.00
20,700.0	90.04	196.09	8,782.4	-11,801.9	404.9	11,807.8	3.00	0.00	-3.00
20,768.7	90.04	194.03	8,782.3	-11,868.3	387.1	11,873.8	3.00	0.00	-3.00
POI ROCK JELLY 701H									
20,800.0	90.04	193.09	8,782.3	-11,898.7	379.7	11,904.0	3.00	0.00	-3.00
20,900.0	90.04	190.09	8,782.3	-11,996.6	359.6	12,001.5	3.00	0.00	-3.00
21,000.0	90.04	187.09	8,782.2	-12,095.5	344.7	12,100.0	3.00	0.00	-3.00
21,100.0	90.04	184.09	8,782.1	-12,195.0	335.0	12,199.3	3.00	0.00	-3.00
21,200.0	90.04	181.09	8,782.1	-12,294.9	330.4	12,299.1	3.00	0.00	-3.00
21,235.6	90.04	180.02	8,782.0	-12,330.5	330.1	12,334.7	3.00	0.00	-3.00
Start 3488.4 hold at 21235.6 MD - POI END TURN ROCK JELLY 701H									
21,300.0	90.04	180.02	8,782.0	-12,394.9	330.1	12,399.1	0.00	0.00	0.00
21,400.0	90.04	180.02	8,781.9	-12,494.9	330.0	12,499.0	0.00	0.00	0.00
21,500.0	90.04	180.02	8,781.9	-12,594.9	330.0	12,599.0	0.00	0.00	0.00
21,600.0	90.04	180.02	8,781.8	-12,694.9	330.0	12,699.0	0.00	0.00	0.00
21,700.0	90.04	180.02	8,781.7	-12,794.9	329.9	12,799.0	0.00	0.00	0.00
21,800.0	90.04	180.02	8,781.7	-12,894.9	329.9	12,899.0	0.00	0.00	0.00
21,900.0	90.04	180.02	8,781.6	-12,994.9	329.8	12,998.9	0.00	0.00	0.00
22,000.0	90.04	180.02	8,781.5	-13,094.9	329.8	13,098.9	0.00	0.00	0.00
22,100.0	90.04	180.02	8,781.5	-13,194.9	329.8	13,198.9	0.00	0.00	0.00
22,200.0	90.04	180.02	8,781.4	-13,294.9	329.7	13,298.9	0.00	0.00	0.00
22,300.0	90.04	180.02	8,781.4	-13,394.9	329.7	13,398.8	0.00	0.00	0.00
22,400.0	90.04	180.02	8,781.3	-13,494.9	329.6	13,498.8	0.00	0.00	0.00
22,500.0	90.04	180.02	8,781.2	-13,594.9	329.6	13,598.8	0.00	0.00	0.00
22,600.0	90.04	180.02	8,781.2	-13,694.9	329.6	13,698.8	0.00	0.00	0.00
22,700.0	90.04	180.02	8,781.1	-13,794.9	329.5	13,798.8	0.00	0.00	0.00
22,800.0	90.04	180.02	8,781.0	-13,894.9	329.5	13,898.7	0.00	0.00	0.00
22,900.0	90.04	180.02	8,781.0	-13,994.9	329.4	13,998.7	0.00	0.00	0.00
23,000.0	90.04	180.02	8,780.9	-14,094.9	329.4	14,098.7	0.00	0.00	0.00
23,100.0	90.04	180.02	8,780.8	-14,194.9	329.4	14,198.7	0.00	0.00	0.00
23,200.0	90.04	180.02	8,780.8	-14,294.9	329.3	14,298.6	0.00	0.00	0.00
23,300.0	90.04	180.02	8,780.7	-14,394.9	329.3	14,398.6	0.00	0.00	0.00
23,400.0	90.04	180.02	8,780.6	-14,494.9	329.2	14,498.6	0.00	0.00	0.00
23,500.0	90.04	180.02	8,780.6	-14,594.9	329.2	14,598.6	0.00	0.00	0.00
23,600.0	90.04	180.02	8,780.5	-14,694.9	329.2	14,698.5	0.00	0.00	0.00
23,700.0	90.04	180.02	8,780.4	-14,794.9	329.1	14,798.5	0.00	0.00	0.00
23,800.0	90.04	180.02	8,780.4	-14,894.9	329.1	14,898.5	0.00	0.00	0.00
23,900.0	90.04	180.02	8,780.3	-14,994.9	329.0	14,998.5	0.00	0.00	0.00
24,000.0	90.04	180.02	8,780.3	-15,094.9	329.0	15,098.5	0.00	0.00	0.00
24,100.0	90.04	180.02	8,780.2	-15,194.9	329.0	15,198.4	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)	
24,200.0	90.04	180.02	8,780.1	-15,294.9	328.9	15,298.4	0.00	0.00	0.00	
24,300.0	90.04	180.02	8,780.1	-15,394.9	328.9	15,398.4	0.00	0.00	0.00	
24,400.0	90.04	180.02	8,780.0	-15,494.9	328.8	15,498.4	0.00	0.00	0.00	
24,500.0	90.04	180.02	8,779.9	-15,594.9	328.8	15,598.3	0.00	0.00	0.00	
24,600.0	90.04	180.02	8,779.9	-15,694.9	328.7	15,698.3	0.00	0.00	0.00	
24,674.0	90.04	180.02	8,779.8	-15,768.9	328.7	15,772.3	0.00	0.00	0.00	
LTP_ROCK JELLY FED COM 701H										
24,700.0	90.04	180.02	8,779.8	-15,794.9	328.7	15,798.3	0.00	0.00	0.00	
24,724.0	90.04	180.02	8,779.8	-15,818.9	328.7	15,822.3	0.00	0.00	0.00	
TD at 24724.0 - PBHL_ROCK JELLY FED COM 701H										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
PBHL_ROCK JELLY FE	0.04	359.25	8,780.0	-15,818.9	328.7	376,572.70	613,944.60	32° 2' 5.207 N	103° 57' 56.254 W	
- plan misses target center by 0.2usft at 24724.0usft MD (8779.8 TVD, -15818.9 N, 328.7 E)										
- Rectangle (sides W100.0 H3,700.0 D20.0)										
LTP_ROCK JELLY FED	90.00	179.72	8,780.0	-15,768.9	328.7	376,622.70	613,944.60	32° 2' 5.702 N	103° 57' 56.252 W	
- plan misses target center by 0.2usft at 24674.0usft MD (8779.8 TVD, -15768.9 N, 328.7 E)										
- Circle (radius 50.0)										
POI END TURN ROCK ,	0.04	359.73	8,782.0	-12,330.5	330.1	380,061.10	613,946.00	32° 2' 39.730 N	103° 57' 56.100 W	
- plan hits target center										
- Rectangle (sides W100.0 H1,700.0 D20.0)										
PPP5 TURN ROCK JEL	0.04	359.73	8,783.5	-10,223.8	925.4	382,167.80	614,541.30	32° 3' 0.559 N	103° 57' 49.099 W	
- plan hits target center										
- Rectangle (sides W100.0 H5,400.0 D20.0)										
POI ROCK JELLY 701H	0.00	0.00	8,785.0	-11,853.5	330.3	380,538.10	613,946.20	32° 2' 44.450 N	103° 57' 56.078 W	
- plan misses target center by 58.7usft at 20768.7usft MD (8782.3 TVD, -11868.3 N, 387.1 E)										
- Point										
PPP3 ROCK JELLY 701	0.04	359.73	8,786.8	-5,150.5	968.8	387,241.10	614,584.70	32° 3' 50.765 N	103° 57' 48.393 W	
- plan hits target center										
- Rectangle (sides W100.0 H4,900.0 D20.0)										
FTP_ROCK JELLY FED	0.00	0.00	8,790.0	112.9	720.5	392,504.50	614,336.40	32° 4' 42.862 N	103° 57' 51.069 W	
- plan misses target center by 165.8usft at 8765.6usft MD (8669.7 TVD, -0.9 N, 727.0 E)										
- Circle (radius 50.0)										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (")	Hole Diameter (")
24,724.1	8,779.8	5-1/2" Production Casing		5-1/2	6-3/4

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well ROCK JELLY FEDERAL COM 701H
Company:	DELAWARE BASIN WEST	TVD Reference:	KB @ 3003.0usft
Project:	ATLAS PROSPECT (DBW)	MD Reference:	KB @ 3003.0usft
Site:	ROCK JELLY FEDERAL PROJECT	North Reference:	Grid
Well:	ROCK JELLY FEDERAL COM 701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1,000.0	1,000.0	0.0	0.0	Start Build 2.00	
1,400.0	1,398.7	6.0	27.2	Start 4694.0 hold at 1400.0 MD	
6,094.0	6,047.0	147.4	665.0	Start Drop -1.00	
6,894.0	6,844.4	159.5	719.4	Start 1468.1 hold at 6894.0 MD	
8,362.1	8,312.5	159.5	719.4	Start DLS 12.00 TFO 177.31	
9,112.4	8,790.0	-317.8	741.9	Start 4838.1 hold at 9112.4 MD	
13,950.5	8,786.8	-5,150.5	968.8	Start DLS 3.00 TFO 90.00	
14,057.5	8,786.7	-5,257.6	970.8	Start 4966.5 hold at 14057.5 MD	
19,024.0	8,783.5	-10,223.8	925.4	Start DLS 3.00 TFO 89.99	
19,838.0	8,782.9	-11,011.8	747.3	Start 567.0 hold at 19838.0 MD	
20,404.9	8,782.6	-11,525.8	508.2	Start DLS 3.00 TFO -89.99	
21,235.6	8,782.0	-12,330.5	330.1	Start 3488.4 hold at 21235.6 MD	
24,724.0	8,779.8	-15,818.9	328.7	TD at 24724.0	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 384313

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 384313
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Work was performed without OCD approval.	8/20/2025