U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

09/17/2024

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: 702H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM13997

Unit or CA Name:

Unit or CA Number:

US Well Number: 300154758200X1

Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2807762

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 08/20/2024

Time Sundry Submitted: 03:25

Date proposed operation will begin: 08/20/2024

Procedure Description: *CORRECTED SUNDRY* COG Operating requests that the following information be correctly reflected on our previous sundry 2780408 approved 4-16-24. Change Pool to Corral Canyon; Bone Spring. Change BHL FROM: 50' FSL & 1825' FEL Change BHL TO: 50' FSL & 1650' FEL SWSE 3-26S-29E, Eddy Co., NM.

NOI Attachments

Procedure Description

ROCK_JELLY_FED_COM_702H_C102_NAD83_Signed_3_19_24_20240820152452.pdf

ROCK_JELLY_FED_COM_702H_PWP2_AC_RPT_20240820152452.pdf

RJ_702_Approved_BHL_Sundry_Approved_4_16_24_20240820152452.pdf

ROCK_JELLY_FED_COM_702H_PWP2_WP_20240820152452.pdf

ROCK_JELLY_FED_COM_702H_PWP2_PLAN_RPT_20240820152452.pdf

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: 702H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM13997

Unit or CA Name:

Unit or CA Number:

US Well Number: 300154758200X1

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 03:25 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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.

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

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

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

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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 / 1085 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078004 / LONG: -103.975963 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 330 FNL / 1485 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078063 / LONG: -103.968369 (TVD: 10035 feet, MD: 10117 feet)

PPP: NWNE / 1 FNL / 1485 FEL / TWSP: 26S / RANGE: 29E / SECTION: 10 / LAT: 32.064253 / LONG: -103.968113 (TVD: 10148 feet, MD: 15100 feet)

PPP: SWNE / 2639 FSL / 1485 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.071609 / LONG: -103.968249 (TVD: 10156 feet, MD: 12500 feet)

BHL: SWSE / 50 FSL / 1650 FEL / TWSP: 26S / RANGE: 29E / SECTION: 15 / LAT: 32.050236 / LONG: -103.96837 (TVD: 10133 feet, MD: 20241 feet)

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-47582	13354	Corral Canyon; Bone Spring

Property Code	Property Name	Well Number
329756	ROCK JELLY FEDERAL COM	702H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING LLC	2977.8'

Surface Location

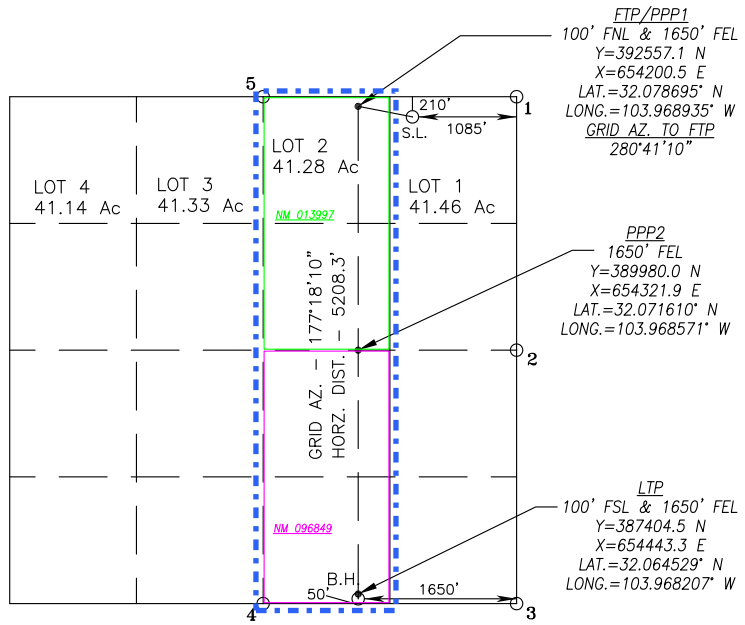
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	26-S	29-E		210	NORTH	1085	EAST	EDDY

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
O	3	26-S	29-E		50	SOUTH	1650	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



NAD 83 NME
SURFACE LOCATION
Y=392449.4 N
X=654771.2 E
LAT.=32.078394° N
LONG.=103.967093° W

POINT LEGEND	
1	Y=392663.6 N X=655847.3 E
2	Y=389979.3 N X=655973.7 E
3	Y=387297.4 N X=656100.1 E
4	Y=387309.0 N X=653404.4 E
5	Y=392653.1 N X=653204.1 E

NAD 83 NME
PROPOSED BOTTOM
HOLE LOCATION
Y=387354.5 N
X=654445.6 E
LAT.=32.064391° N
LONG.=103.968200° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 3/19/2024
Signature Date

Stan Wagner
Printed Name

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 13, 2021
Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 3/11/24
Certificate No. CHAD HARCROW 17777
W.O. #24-241 DRAWN BY: WN

DELAWARE BASIN WEST

ATLAS PROSPECT (DBW)
ROCK JELLY FEDERAL PROJECT
ROCK JELLY FEDERAL COM 702H

OWB
PWP2

Anticollision Report

19 March, 2024

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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	13,867.9	PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
ROCK JELLY FEDERAL PROJECT						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	123.5	100.7	470.1	463.5	70.635	CC
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	1,700.0	1,657.9	472.0	458.8	35.909	ES
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	8,300.0	8,214.4	731.8	684.2	15.389	SF
JRS HORZ FEDERAL COM 3H - OWB - AWP	13,868.5	8,513.0	834.6	774.2	13.821	CC, ES, SF
ROCK JELLY FEDERAL COM 701H - OWB - PWP2	966.6	966.8	30.0	20.0	3.012	CC
ROCK JELLY FEDERAL COM 701H - OWB - PWP2	1,000.0	1,000.0	30.0	19.9	2.979	Normal Operations, ES, SF
ROCK JELLY FEDERAL COM 703H - OWB - PWP2						Out of range
ROCKET FEDERAL 5H - OWB - AWP	7,500.0	12,088.0	457.8	364.7	4.918	CC
ROCKET FEDERAL 5H - OWB - AWP	7,504.4	12,088.0	457.8	364.7	4.918	ES, SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
ROCK JELLY FEDERAL PROJECT						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	13,868.5	8,304.0				Out of Range @TD
JRS HORZ FEDERAL COM 3H - OWB - AWP	13,868.5	8,513.0	834.6	774.2	13.821	CC, ES, SF
ROCK JELLY FEDERAL COM 701H - OWB - PWP2	13,868.5	13,832.7				Out of Range @TD
ROCK JELLY FEDERAL COM 703H - OWB - PWP2	13,868.5	13,901.8				Out of Range @TD
ROCKET FEDERAL 5H - OWB - AWP	13,868.5	7,582.8				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

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	22.8	3.0	3.0	-5.92	467.6	-48.5	470.7				
100.0	100.0	77.2	100.0	3.1	3.0	-5.91	467.6	-48.4	470.1	463.5	6.59	71.382	
123.5	123.5	100.7	123.5	3.2	3.1	-5.91	467.6	-48.4	470.1	463.5	6.66	70.635	CC
200.0	200.0	176.4	199.2	3.3	3.1	-5.88	467.7	-48.1	470.2	463.3	6.91	68.054	
300.0	300.0	273.1	295.9	3.6	3.3	-5.85	468.2	-48.0	470.7	463.4	7.24	64.978	
400.0	400.0	371.7	394.4	3.8	3.4	-5.87	469.2	-48.2	471.7	464.2	7.60	62.094	
500.0	500.0	475.0	497.8	4.0	3.6	-5.78	470.3	-47.6	472.7	464.7	7.98	59.260	
600.0	600.0	575.7	598.5	4.2	3.8	-5.78	470.6	-47.6	473.0	464.6	8.38	56.408	
700.0	700.0	675.3	698.0	4.3	4.1	-5.87	470.9	-48.4	473.4	464.6	8.79	53.853	
800.0	800.0	776.2	799.0	4.5	4.3	-5.91	471.2	-48.7	473.7	464.5	9.20	51.483	
900.0	900.0	874.4	897.2	4.7	4.6	-5.93	471.5	-48.9	474.0	464.4	9.62	49.300	
1,000.0	1,000.0	973.4	996.2	4.8	4.8	-5.94	472.2	-49.1	474.8	464.7	10.04	47.291	
1,100.0	1,100.0	1,068.9	1,091.6	5.1	5.1	69.32	473.4	-48.6	475.3	464.9	10.47	45.409	
1,200.0	1,199.8	1,167.4	1,190.2	5.4	5.4	69.94	475.4	-48.4	475.6	464.7	10.91	43.604	
1,300.0	1,299.5	1,264.7	1,287.4	5.6	5.6	71.00	477.6	-47.9	474.8	463.5	11.35	41.846	
1,400.0	1,398.7	1,361.5	1,384.2	5.9	5.9	72.46	480.4	-47.3	473.8	462.1	11.79	40.192	
1,500.0	1,497.7	1,461.3	1,483.9	6.2	6.2	74.10	483.5	-47.1	472.9	460.7	12.24	38.637	
1,600.0	1,596.8	1,560.5	1,583.1	6.4	6.5	75.82	486.3	-46.3	472.1	459.4	12.69	37.195	
1,670.9	1,666.9	1,629.7	1,652.2	6.6	6.8	77.04	488.3	-45.6	471.9	458.9	13.01	36.267	
1,700.0	1,695.8	1,657.9	1,680.4	6.7	6.9	77.53	489.2	-45.3	472.0	458.8	13.14	35.909	ES
1,800.0	1,794.8	1,756.6	1,779.1	7.0	7.2	79.30	492.5	-44.0	472.5	458.9	13.60	34.743	
1,900.0	1,893.8	1,856.1	1,878.5	7.3	7.5	81.16	495.5	-41.9	473.5	459.4	14.06	33.663	
2,000.0	1,992.9	1,955.9	1,978.2	7.6	7.8	83.02	498.5	-39.9	474.7	460.2	14.53	32.669	
2,100.0	2,091.9	2,054.9	2,077.2	7.9	8.1	84.85	501.2	-38.0	476.3	461.3	15.00	31.757	
2,200.0	2,190.9	2,153.3	2,175.6	8.2	8.4	86.61	504.1	-36.4	478.5	463.0	15.47	30.934	
2,300.0	2,289.9	2,253.3	2,275.5	8.6	8.8	88.34	507.0	-35.2	481.0	465.1	15.95	30.167	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,400.0	2,389.0	2,353.4	2,375.5	8.9	9.1	90.07	509.6	-33.8	483.7	467.3	16.43	29.443	
2,500.0	2,488.0	2,453.3	2,475.4	9.3	9.4	91.73	512.2	-33.0	486.7	469.8	16.92	28.768	
2,600.0	2,587.0	2,553.4	2,575.5	9.6	9.8	93.23	514.9	-33.3	489.7	472.3	17.41	28.127	
2,700.0	2,686.1	2,652.6	2,674.6	10.0	10.1	94.53	517.9	-35.1	493.1	475.1	17.91	27.531	
2,800.0	2,785.1	2,752.5	2,774.5	10.4	10.4	95.74	521.3	-37.5	496.6	478.2	18.42	26.968	
2,900.0	2,884.1	2,853.0	2,874.8	10.8	10.8	96.72	525.1	-41.8	500.1	481.2	18.93	26.422	
3,000.0	2,983.1	2,952.6	2,974.1	11.2	11.1	97.66	528.9	-46.2	503.7	484.3	19.44	25.907	
3,100.0	3,082.2	3,051.1	3,072.5	11.5	11.5	98.68	532.3	-49.8	507.5	487.6	19.96	25.430	
3,200.0	3,181.2	3,149.5	3,170.8	11.9	11.8	99.68	536.0	-53.2	511.8	491.3	20.48	24.992	
3,300.0	3,280.2	3,248.7	3,269.9	12.3	12.1	100.72	539.7	-56.2	516.3	495.3	21.01	24.577	
3,400.0	3,379.2	3,346.8	3,367.9	12.7	12.5	101.78	543.2	-58.8	521.1	499.5	21.54	24.192	
3,500.0	3,478.3	3,443.3	3,464.3	13.1	12.8	102.85	546.8	-60.7	526.5	504.4	22.07	23.855	
3,600.0	3,577.3	3,542.8	3,563.7	13.5	13.1	103.96	550.8	-62.2	532.6	509.9	22.63	23.538	
3,700.0	3,676.3	3,645.2	3,666.1	13.9	13.5	105.13	554.1	-63.6	538.2	515.0	23.20	23.196	
3,800.0	3,775.3	3,745.8	3,766.6	14.3	13.8	106.27	557.0	-65.0	543.8	520.0	23.78	22.868	
3,900.0	3,874.4	3,846.4	3,867.2	14.7	14.2	107.39	559.8	-66.7	549.3	525.0	24.37	22.544	
4,000.0	3,973.4	3,943.8	3,964.5	15.1	14.5	108.46	562.2	-68.1	555.0	530.1	24.95	22.247	
4,100.0	4,072.4	4,041.1	4,061.7	15.5	14.8	109.48	565.4	-69.5	561.5	536.0	25.53	21.991	
4,200.0	4,171.5	4,143.1	4,163.7	16.0	15.2	110.61	568.1	-70.4	568.0	541.8	26.16	21.715	
4,300.0	4,270.5	4,243.5	4,264.1	16.4	15.5	111.68	570.5	-71.6	574.2	547.4	26.78	21.441	
4,400.0	4,369.5	4,341.0	4,361.6	16.8	15.9	112.70	572.8	-72.7	580.7	553.3	27.40	21.198	
4,500.0	4,468.5	4,439.4	4,459.9	17.2	16.2	113.75	575.2	-73.4	587.7	559.7	28.03	20.969	
4,600.0	4,567.6	4,540.9	4,561.4	17.6	16.6	114.84	577.2	-73.7	594.8	566.2	28.69	20.733	
4,700.0	4,666.6	4,642.0	4,662.4	18.0	16.9	115.87	579.1	-74.8	601.6	572.2	29.35	20.494	
4,800.0	4,765.6	4,738.9	4,759.4	18.4	17.2	116.82	581.2	-75.8	608.7	578.7	30.00	20.287	
4,900.0	4,864.6	4,835.5	4,856.0	18.9	17.6	117.74	583.4	-76.6	616.3	585.6	30.66	20.103	
5,000.0	4,963.7	4,931.1	4,951.5	19.3	17.9	118.64	586.0	-76.9	624.6	593.3	31.31	19.947	
5,100.0	5,062.7	5,026.5	5,046.8	19.7	18.2	119.55	588.9	-76.8	633.6	601.7	31.95	19.834	
5,200.0	5,161.9	5,124.4	5,144.7	20.1	18.6	120.40	592.1	-76.4	642.4	609.8	32.61	19.701	
5,300.0	5,261.4	5,223.5	5,243.7	20.5	18.9	121.09	595.4	-75.9	650.6	617.3	33.26	19.562	
5,400.0	5,361.0	5,323.8	5,344.0	20.9	19.3	121.62	598.9	-75.4	657.9	624.0	33.89	19.412	
5,500.0	5,460.7	5,426.3	5,446.4	21.2	19.6	121.98	602.5	-75.5	664.1	629.5	34.51	19.242	
5,600.0	5,560.6	5,527.6	5,547.6	21.6	20.0	122.20	605.7	-75.8	668.9	633.8	35.10	19.058	
5,700.0	5,660.5	5,625.3	5,645.4	21.9	20.3	122.33	608.6	-75.5	673.0	637.4	35.64	18.885	
5,800.0	5,760.5	5,727.2	5,747.1	22.1	20.7	122.34	611.3	-75.2	676.1	639.9	36.17	18.692	
5,900.0	5,860.5	5,827.6	5,847.5	22.2	21.0	47.25	613.8	-74.7	678.2	641.6	36.60	18.533	
6,000.0	5,960.5	5,929.4	5,949.3	22.3	21.4	47.13	616.0	-74.3	680.0	642.9	37.03	18.362	
6,100.0	6,060.5	6,029.2	6,049.1	22.3	21.7	47.02	618.0	-74.0	681.6	644.2	37.46	18.197	
6,200.0	6,160.5	6,130.0	6,149.9	22.3	22.1	46.93	620.0	-73.5	683.3	645.4	37.89	18.031	
6,300.0	6,260.5	6,231.1	6,251.0	22.4	22.4	46.85	621.7	-73.2	684.7	646.3	38.34	17.860	
6,400.0	6,360.5	6,330.4	6,350.2	22.4	22.7	46.78	623.3	-72.7	686.2	647.4	38.77	17.699	
6,500.0	6,460.5	6,432.6	6,452.5	22.5	23.1	46.71	624.8	-72.3	687.5	648.3	39.22	17.528	
6,600.0	6,560.5	6,532.3	6,552.1	22.5	23.4	46.67	625.9	-71.7	688.6	649.0	39.67	17.360	
6,700.0	6,660.5	6,632.1	6,651.9	22.5	23.8	46.63	627.2	-71.1	690.0	649.9	40.11	17.202	
6,800.0	6,760.5	6,733.6	6,753.4	22.6	24.1	46.54	628.7	-71.2	690.9	650.3	40.56	17.033	
6,900.0	6,860.5	6,828.4	6,848.2	22.6	24.5	46.50	630.0	-70.5	692.4	651.4	40.98	16.897	
7,000.0	6,960.5	6,927.7	6,947.5	22.7	24.8	46.53	630.9	-69.0	694.2	652.7	41.44	16.752	
7,100.0	7,060.5	7,022.9	7,042.6	22.7	25.2	46.70	630.9	-66.1	696.4	654.5	41.89	16.626	
7,200.0	7,160.5	7,117.8	7,137.4	22.8	25.5	46.99	630.2	-61.6	699.3	657.0	42.35	16.513	
7,300.0	7,260.5	7,213.1	7,232.6	22.8	25.8	47.26	630.1	-56.8	703.0	660.1	42.81	16.421	
7,400.0	7,360.5	7,310.7	7,330.1	22.8	26.1	47.47	631.0	-52.1	707.1	663.8	43.28	16.338	
7,500.0	7,460.5	7,411.0	7,430.2	22.9	26.5	47.65	632.3	-47.3	711.5	667.7	43.77	16.257	

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

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Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,600.0	7,560.5	7,525.8	7,545.0	22.9	26.9	47.76	633.5	-43.9	714.3	670.0	44.35	16.106	
7,700.0	7,660.5	7,620.7	7,639.9	23.0	27.2	47.81	634.7	-41.7	716.9	672.1	44.78	16.008	
7,800.0	7,760.5	7,723.0	7,742.1	23.0	27.6	47.87	636.0	-39.1	719.6	674.4	45.27	15.897	
7,900.0	7,860.5	7,826.0	7,845.0	23.1	27.9	47.92	637.2	-36.9	722.0	676.2	45.75	15.779	
8,000.0	7,960.5	7,926.5	7,945.5	23.1	28.3	47.95	638.3	-35.2	724.0	677.8	46.22	15.663	
8,100.0	8,060.5	8,024.6	8,043.7	23.1	28.6	48.00	639.2	-33.1	726.2	679.6	46.68	15.557	
8,200.0	8,160.5	8,122.5	8,141.6	23.2	29.0	48.05	640.3	-31.0	728.6	681.4	47.14	15.455	
8,300.0	8,260.5	8,214.4	8,233.4	23.2	29.3	48.08	642.0	-28.5	731.8	684.2	47.55	15.389	SF
8,400.0	8,360.4	8,304.0	8,322.8	23.2	29.6	-129.21	646.7	-28.2	737.9	690.0	47.88	15.409	
8,500.0	8,457.6	8,358.0	8,376.3	23.1	29.6	-128.23	653.3	-29.1	759.7	712.1	47.65	15.945	
8,600.0	8,548.1	8,399.0	8,416.6	22.9	29.6	-125.51	661.5	-29.7	800.2	753.0	47.21	16.950	
8,700.0	8,627.9	8,431.0	8,447.4	22.8	29.6	-120.22	669.9	-30.4	857.5	810.8	46.71	18.356	
8,800.0	8,693.4	8,446.3	8,462.0	22.8	29.6	-110.50	674.6	-30.8	928.1	881.9	46.21	20.085	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 - JRS HORZ FEDERAL COM 3H - OWB - AWP — **Offset Site Error:** 0.0 usft

Survey Program: 100-r.5 GYRO-NS, 8228-r.5 MWD — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,700.0	8,780.0	8,481.0	8,469.7	44.3	29.1	50.26	-5,792.0	-666.6	977.9	925.5	52.49	18.632	
13,800.0	8,780.0	8,502.6	8,490.2	44.9	29.2	52.33	-5,798.4	-668.4	891.9	837.7	54.15	16.470	
13,868.5	8,780.0	8,513.0	8,500.0	45.3	29.2	53.36	-5,801.8	-669.3	834.6	774.2	60.38	13.821	CC, ES, SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 701H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.2	0.0	3.0	3.0	89.81	0.1	30.0	30.0				
100.0	100.0	100.2	100.0	3.1	3.1	89.81	0.1	30.0	30.0	23.3	6.67	4.500	
200.0	200.0	200.2	200.0	3.3	3.3	89.81	0.1	30.0	30.0	22.9	7.12	4.216	
300.0	300.0	300.2	300.0	3.6	3.6	89.81	0.1	30.0	30.0	22.5	7.54	3.978	
400.0	400.0	400.2	400.0	3.8	3.8	89.81	0.1	30.0	30.0	22.1	7.94	3.776	
500.0	500.0	500.2	500.0	4.0	4.0	89.81	0.1	30.0	30.0	21.7	8.33	3.601	
600.0	600.0	600.2	600.0	4.2	4.2	89.81	0.1	30.0	30.0	21.3	8.70	3.447	
700.0	700.0	700.2	700.0	4.3	4.3	89.81	0.1	30.0	30.0	20.9	9.06	3.311	
800.0	800.0	800.2	800.0	4.5	4.5	89.81	0.1	30.0	30.0	20.6	9.41	3.189	
900.0	900.0	900.2	900.0	4.7	4.7	89.81	0.1	30.0	30.0	20.3	9.74	3.079	
966.6	966.6	966.8	966.6	4.8	4.8	89.81	0.1	30.0	30.0	20.0	9.96	3.012	CC
1,000.0	1,000.0	1,000.0	999.8	4.8	4.8	89.81	0.1	30.0	30.0	19.9	10.07	2.979	Normal Operations, ES, SF
1,100.0	1,100.0	1,099.1	1,098.9	5.1	5.1	164.94	0.5	31.7	33.4	22.8	10.56	3.160	
1,200.0	1,199.8	1,197.3	1,196.9	5.4	5.4	165.21	1.6	36.6	43.5	32.4	11.04	3.936	
1,300.0	1,299.5	1,294.2	1,293.4	5.6	5.6	165.44	3.4	44.7	60.2	48.7	11.54	5.217	
1,400.0	1,398.7	1,389.1	1,387.7	5.9	5.9	165.57	5.8	55.8	83.4	71.4	12.05	6.925	
1,500.0	1,497.7	1,485.1	1,482.8	6.2	6.1	165.71	8.7	68.8	110.2	97.7	12.48	8.830	
1,600.0	1,596.8	1,581.5	1,578.2	6.4	6.4	165.79	11.6	81.9	137.0	124.0	12.94	10.583	
1,700.0	1,695.8	1,677.8	1,673.6	6.7	6.6	165.84	14.5	95.0	163.8	150.3	13.44	12.185	
1,800.0	1,794.8	1,774.2	1,769.0	7.0	6.9	165.88	17.4	108.1	190.6	176.6	13.97	13.642	
1,900.0	1,893.8	1,870.5	1,864.4	7.3	7.2	165.91	20.3	121.2	217.3	202.8	14.52	14.966	
2,000.0	1,992.9	1,966.9	1,959.9	7.6	7.5	165.93	23.2	134.2	244.1	229.0	15.10	16.167	
2,100.0	2,091.9	2,063.2	2,055.3	7.9	7.8	165.95	26.1	147.3	270.9	255.2	15.70	17.256	
2,200.0	2,190.9	2,159.6	2,150.7	8.2	8.1	165.97	29.0	160.4	297.7	281.4	16.32	18.245	
2,300.0	2,289.9	2,255.9	2,246.1	8.6	8.4	165.98	31.9	173.5	324.5	307.6	16.95	19.142	
2,400.0	2,389.0	2,352.2	2,341.5	8.9	8.8	165.99	34.8	186.6	351.3	333.7	17.60	19.958	
2,500.0	2,488.0	2,448.6	2,436.9	9.3	9.1	166.00	37.7	199.7	378.1	359.8	18.26	20.701	
2,600.0	2,587.0	2,544.9	2,532.3	9.6	9.4	166.01	40.6	212.8	404.9	385.9	18.94	21.379	
2,700.0	2,686.1	2,641.3	2,627.7	10.0	9.8	166.02	43.5	225.9	431.7	412.0	19.62	21.998	
2,800.0	2,785.1	2,737.6	2,723.1	10.4	10.2	166.02	46.4	239.0	458.4	438.1	20.32	22.565	
2,900.0	2,884.1	2,834.0	2,818.5	10.8	10.5	166.03	49.3	252.1	485.2	464.2	21.02	23.086	
3,000.0	2,983.1	2,930.3	2,913.9	11.2	10.9	166.03	52.2	265.1	512.0	490.3	21.73	23.564	
3,100.0	3,082.2	3,026.7	3,009.3	11.5	11.3	166.04	55.1	278.2	538.8	516.4	22.45	24.005	
3,200.0	3,181.2	3,123.0	3,104.7	11.9	11.6	166.04	58.0	291.3	565.6	542.4	23.17	24.412	
3,300.0	3,280.2	3,219.4	3,200.1	12.3	12.0	166.04	60.9	304.4	592.4	568.5	23.90	24.789	
3,400.0	3,379.2	3,315.7	3,295.6	12.7	12.4	166.05	63.8	317.5	619.2	594.5	24.63	25.138	
3,500.0	3,478.3	3,412.0	3,391.0	13.1	12.8	166.05	66.7	330.6	646.0	620.6	25.37	25.462	
3,600.0	3,577.3	3,508.4	3,486.4	13.5	13.1	166.05	69.6	343.7	672.8	646.6	26.11	25.763	
3,700.0	3,676.3	3,604.7	3,581.8	13.9	13.5	166.06	72.5	356.8	699.5	672.7	26.86	26.044	
3,800.0	3,775.3	3,701.1	3,677.2	14.3	13.9	166.06	75.4	369.9	726.3	698.7	27.61	26.306	
3,900.0	3,874.4	3,797.4	3,772.6	14.7	14.3	166.06	78.4	383.0	753.1	724.8	28.36	26.552	
4,000.0	3,973.4	3,893.8	3,868.0	15.1	14.7	166.06	81.3	396.1	779.9	750.8	29.12	26.781	
4,100.0	4,072.4	3,990.1	3,963.4	15.5	15.1	166.06	84.2	409.1	806.7	776.8	29.88	26.997	
4,200.0	4,171.5	4,086.5	4,058.8	16.0	15.5	166.07	87.1	422.2	833.5	802.8	30.64	27.199	
4,300.0	4,270.5	4,182.8	4,154.2	16.4	15.9	166.07	90.0	435.3	860.3	828.9	31.41	27.390	
4,400.0	4,369.5	4,279.1	4,249.6	16.8	16.3	166.07	92.9	448.4	887.1	854.9	32.18	27.569	
4,500.0	4,468.5	4,375.5	4,345.0	17.2	16.7	166.07	95.8	461.5	913.9	880.9	32.95	27.739	
4,600.0	4,567.6	4,471.8	4,440.4	17.6	17.1	166.07	98.7	474.6	940.6	906.9	33.72	27.899	
4,700.0	4,666.6	4,568.2	4,535.9	18.0	17.5	166.07	101.6	487.7	967.4	932.9	34.49	28.050	
4,800.0	4,765.6	4,664.5	4,631.3	18.4	17.9	166.07	104.5	500.8	994.2	959.0	35.26	28.193	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 - ROCKET FEDERAL 5H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100-r.5 MWD, 6830-r.5 MWD

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,700.0	6,660.5	12,088.0	7,462.0	22.5	81.2	-131.33	-148.9	-916.4	923.1	854.9	68.18	13.538	
6,800.0	6,760.5	12,088.0	7,462.0	22.6	81.2	-131.33	-148.9	-916.4	837.7	767.5	70.19	11.934	
6,900.0	6,860.5	12,088.0	7,462.0	22.6	81.2	-131.33	-148.9	-916.4	755.9	683.2	72.70	10.398	
7,000.0	6,960.5	12,088.0	7,462.0	22.7	81.2	-131.33	-148.9	-916.4	679.1	603.3	75.80	8.958	
7,100.0	7,060.5	12,088.0	7,462.0	22.7	81.2	-131.33	-148.9	-916.4	608.9	529.4	79.55	7.655	
7,200.0	7,160.5	12,088.0	7,462.0	22.8	81.2	-131.33	-148.9	-916.4	548.2	464.4	83.81	6.541	
7,300.0	7,260.5	12,088.0	7,462.0	22.8	81.2	-131.33	-148.9	-916.4	500.2	412.1	88.13	5.676	
7,400.0	7,360.5	12,088.0	7,462.0	22.8	81.2	-131.33	-148.9	-916.4	468.9	377.3	91.59	5.119	
7,500.0	7,460.5	12,088.0	7,462.0	22.9	81.2	-131.33	-148.9	-916.4	457.8	364.7	93.08	4.918	CC
7,504.4	7,464.9	12,088.0	7,462.0	22.9	81.2	-131.33	-148.9	-916.4	457.8	364.7	93.09	4.918	ES, SF
7,600.0	7,560.5	12,088.0	7,462.0	22.9	81.2	-131.33	-148.9	-916.4	468.3	376.2	92.03	5.088	
7,700.0	7,660.5	12,088.0	7,462.0	23.0	81.2	-131.33	-148.9	-916.4	499.0	410.0	88.94	5.610	
7,800.0	7,760.5	12,088.0	7,462.0	23.0	81.2	-131.33	-148.9	-916.4	546.5	461.6	84.91	6.436	
7,900.0	7,860.5	12,088.0	7,462.0	23.1	81.2	-131.33	-148.9	-916.4	606.9	526.0	80.88	7.504	
8,000.0	7,960.5	12,088.0	7,462.0	23.1	81.2	-131.33	-148.9	-916.4	676.8	599.5	77.33	8.752	
8,100.0	8,060.5	12,088.0	7,462.0	23.1	81.2	-131.33	-148.9	-916.4	753.5	679.1	74.40	10.128	
8,200.0	8,160.5	12,088.0	7,462.0	23.2	81.2	-131.33	-148.9	-916.4	835.1	763.1	72.05	11.591	
8,300.0	8,260.5	12,088.0	7,462.0	23.2	81.2	-131.33	-148.9	-916.4	920.4	850.2	70.20	13.110	

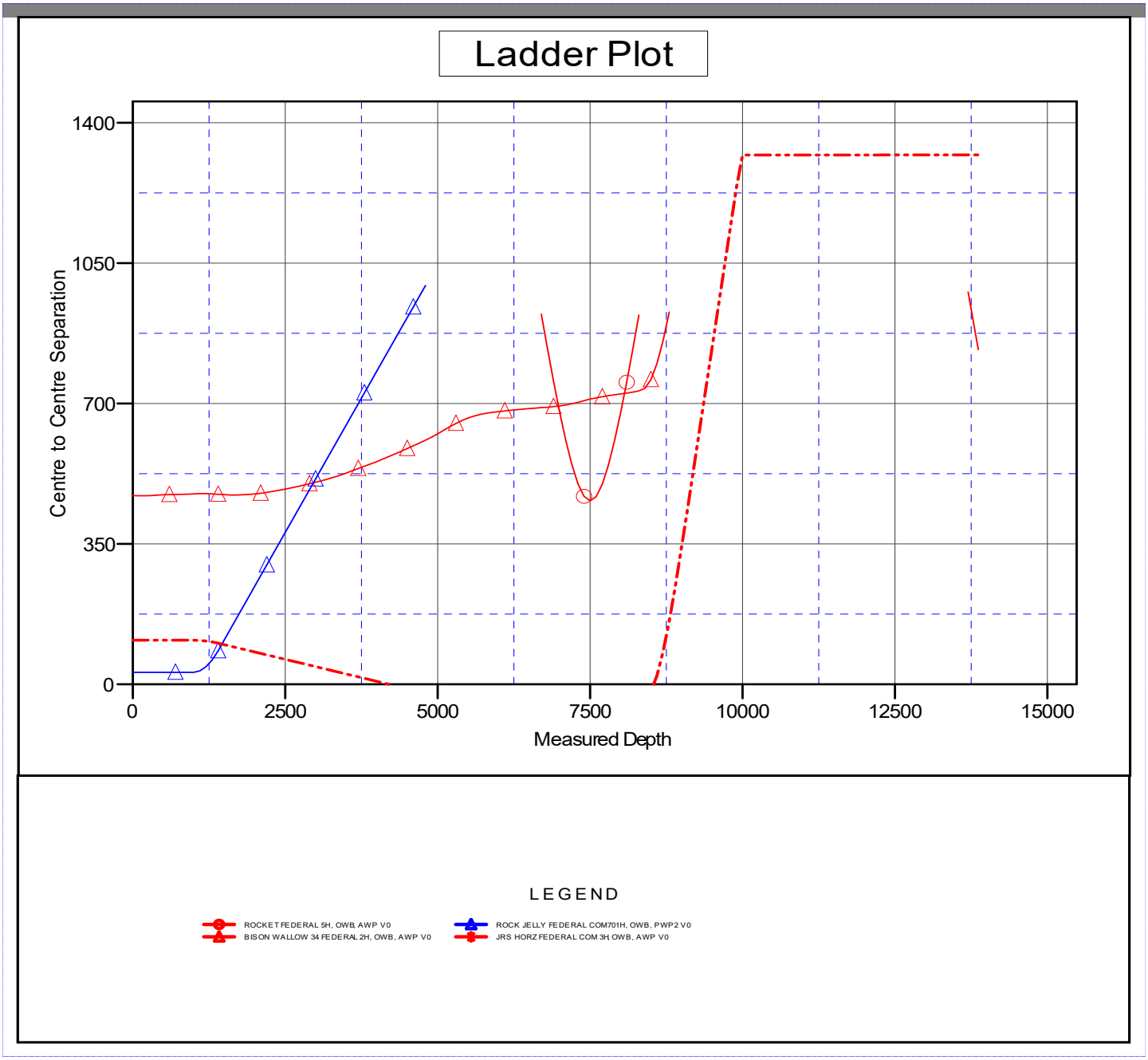
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 @ 3002.8usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FEDERAL COM 702H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°



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

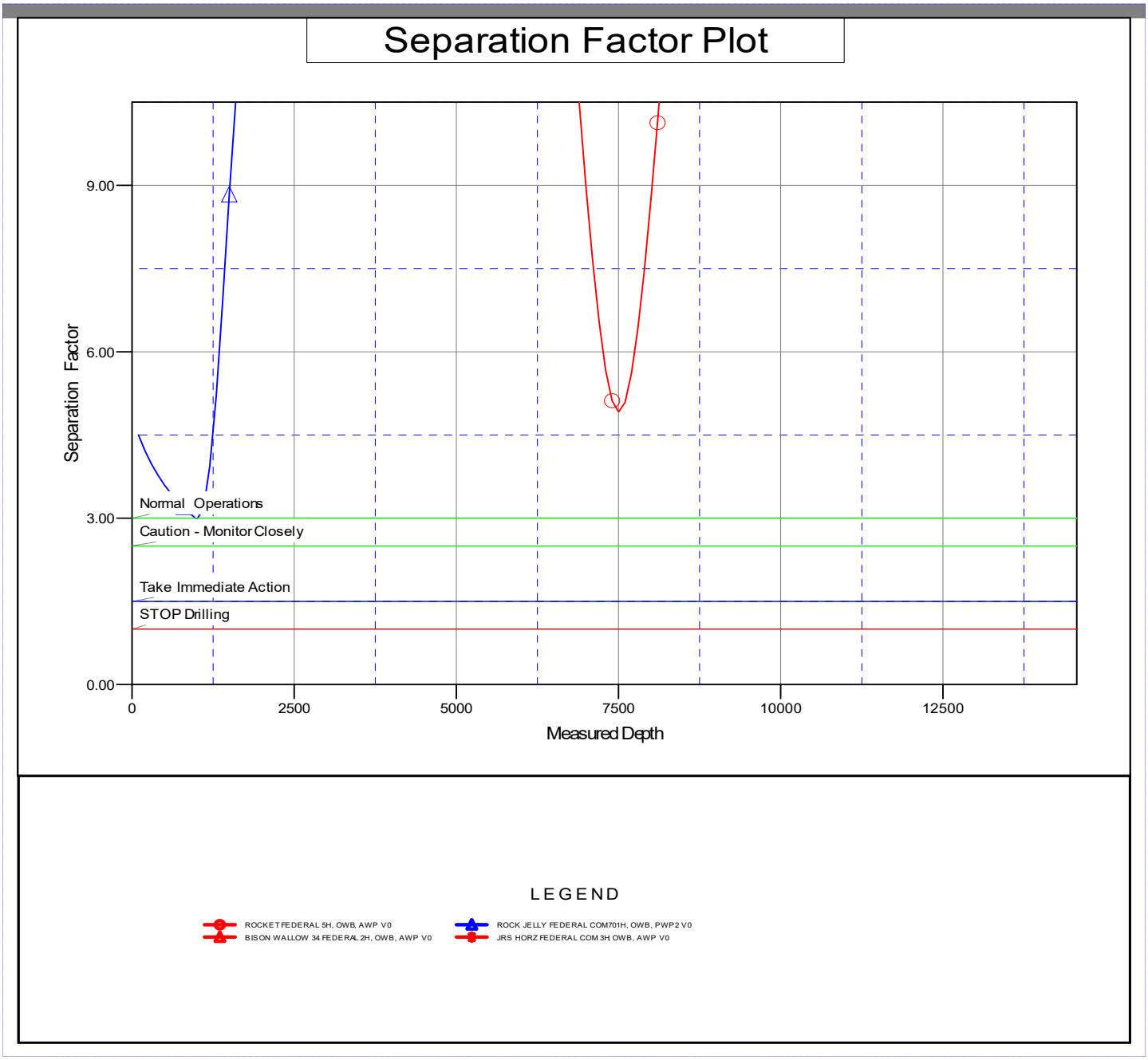
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 @ 3002.8usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FEDERAL COM 702H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°



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: 702H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM013997, NMNM13997

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001547582

Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2780408

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 03/19/2024

Time Sundry Submitted: 02:39

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 FROM: 50' FSL & 1825' FEL Change TO: 50' FSL & 1650' FEL SWSE 3-26S-29E Eddy Co., NM.

NOI Attachments

Procedure Description

ROCK_JELLY_FED_COM_702H_PWP2_PLAN_RPT_20240319143845.pdf

ROCK_JELLY_FED_COM_702H_PWP2_AC_RPT_20240319143845.pdf

ROCK_JELLY_FED_COM_702H_C102_NAD83_Signed_3_19_24_20240319143845.pdf

ROCK_JELLY_FED_COM_702H_PWP2_WP_20240319143845.pdf

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: 702H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM013997, NMNM13997

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001547582

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 02:38 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

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

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.

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

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

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

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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 / 1085 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078004 / LONG: -103.975963 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 330 FNL / 1485 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.078063 / LONG: -103.968369 (TVD: 10035 feet, MD: 10117 feet)

PPP: NWNE / 1 FNL / 1485 FEL / TWSP: 26S / RANGE: 29E / SECTION: 10 / LAT: 32.064253 / LONG: -103.968113 (TVD: 10148 feet, MD: 15100 feet)

PPP: SWNE / 2639 FSL / 1485 FEL / TWSP: 26S / RANGE: 29E / SECTION: 3 / LAT: 32.071609 / LONG: -103.968249 (TVD: 10156 feet, MD: 12500 feet)

BHL: SWSE / 200 FSL / 2430 FEL / TWSP: 26S / RANGE: 29E / SECTION: 15 / LAT: 32.050236 / LONG: -103.96837 (TVD: 10133 feet, MD: 20241 feet)

DELAWARE BASIN WEST

ATLAS PROSPECT (DBW)
ROCK JELLY FEDERAL PROJECT
ROCK JELLY FEDERAL COM 702H

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 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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	**Latitude:**	32° 4' 41.768 N
From:	Map	**Easting:**	613,615.50 usft	**Longitude:**	103° 57' 59.453 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well ROCK JELLY FEDERAL COM 702H

Well Position	**+N/-S**	0.0 usft	**Northing:**	392,391.50 usft	**Latitude:**	32° 4' 41.769 N
	+E/-W	0.0 usft	**Easting:**	613,585.90 usft	**Longitude:**	103° 57' 59.797 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,977.8 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	47,363.93162641

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	183.66

Plan Survey Tool Program **Date** 3/19/2024

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	13,867.9	PWP2 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	

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	285.00	1,398.7	7.2	-26.9	2.00	2.00	0.00	285.00	
5,058.9	8.00	285.00	5,022.0	139.0	-518.8	0.00	0.00	0.00	0.00	
5,858.9	0.00	0.00	5,819.4	153.4	-572.7	1.00	-1.00	0.00	180.00	
8,342.0	0.00	0.00	8,302.5	153.4	-572.7	0.00	0.00	0.00	0.00	
9,092.0	90.00	177.31	8,780.0	-323.5	-550.2	12.00	12.00	23.64	177.31	
13,868.5	90.00	177.31	8,780.0	-5,094.7	-325.7	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 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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	285.00	1,100.0	0.5	-1.7	-0.3	2.00	2.00	0.00
1,200.0	4.00	285.00	1,199.8	1.8	-6.7	-1.4	2.00	2.00	0.00
1,300.0	6.00	285.00	1,299.5	4.1	-15.2	-3.1	2.00	2.00	0.00
1,400.0	8.00	285.00	1,398.7	7.2	-26.9	-5.5	2.00	2.00	0.00
Start 3658.9 hold at 1400.0 MD									
1,500.0	8.00	285.00	1,497.7	10.8	-40.4	-8.2	0.00	0.00	0.00
1,600.0	8.00	285.00	1,596.8	14.4	-53.8	-11.0	0.00	0.00	0.00
1,700.0	8.00	285.00	1,695.8	18.0	-67.3	-13.7	0.00	0.00	0.00
1,800.0	8.00	285.00	1,794.8	21.6	-80.7	-16.4	0.00	0.00	0.00
1,900.0	8.00	285.00	1,893.8	25.2	-94.1	-19.2	0.00	0.00	0.00
2,000.0	8.00	285.00	1,992.9	28.8	-107.6	-21.9	0.00	0.00	0.00
2,100.0	8.00	285.00	2,091.9	32.4	-121.0	-24.6	0.00	0.00	0.00
2,200.0	8.00	285.00	2,190.9	36.0	-134.5	-27.4	0.00	0.00	0.00
2,300.0	8.00	285.00	2,289.9	39.6	-147.9	-30.1	0.00	0.00	0.00
2,400.0	8.00	285.00	2,389.0	43.2	-161.4	-32.9	0.00	0.00	0.00
2,500.0	8.00	285.00	2,488.0	46.8	-174.8	-35.6	0.00	0.00	0.00
2,600.0	8.00	285.00	2,587.0	50.4	-188.2	-38.3	0.00	0.00	0.00
2,700.0	8.00	285.00	2,686.1	54.0	-201.7	-41.1	0.00	0.00	0.00
2,800.0	8.00	285.00	2,785.1	57.6	-215.1	-43.8	0.00	0.00	0.00
2,900.0	8.00	285.00	2,884.1	61.2	-228.6	-46.5	0.00	0.00	0.00
3,000.0	8.00	285.00	2,983.1	64.8	-242.0	-49.3	0.00	0.00	0.00
3,100.0	8.00	285.00	3,082.2	68.5	-255.5	-52.0	0.00	0.00	0.00
3,200.0	8.00	285.00	3,181.2	72.1	-268.9	-54.8	0.00	0.00	0.00
3,300.0	8.00	285.00	3,280.2	75.7	-282.3	-57.5	0.00	0.00	0.00
3,400.0	8.00	285.00	3,379.2	79.3	-295.8	-60.2	0.00	0.00	0.00
3,500.0	8.00	285.00	3,478.3	82.9	-309.2	-63.0	0.00	0.00	0.00
3,600.0	8.00	285.00	3,577.3	86.5	-322.7	-65.7	0.00	0.00	0.00
3,700.0	8.00	285.00	3,676.3	90.1	-336.1	-68.4	0.00	0.00	0.00
3,800.0	8.00	285.00	3,775.3	93.7	-349.6	-71.2	0.00	0.00	0.00
3,900.0	8.00	285.00	3,874.4	97.3	-363.0	-73.9	0.00	0.00	0.00
4,000.0	8.00	285.00	3,973.4	100.9	-376.5	-76.6	0.00	0.00	0.00
4,100.0	8.00	285.00	4,072.4	104.5	-389.9	-79.4	0.00	0.00	0.00
4,200.0	8.00	285.00	4,171.5	108.1	-403.3	-82.1	0.00	0.00	0.00
4,300.0	8.00	285.00	4,270.5	111.7	-416.8	-84.9	0.00	0.00	0.00
4,400.0	8.00	285.00	4,369.5	115.3	-430.2	-87.6	0.00	0.00	0.00
4,500.0	8.00	285.00	4,468.5	118.9	-443.7	-90.3	0.00	0.00	0.00
4,600.0	8.00	285.00	4,567.6	122.5	-457.1	-93.1	0.00	0.00	0.00
4,700.0	8.00	285.00	4,666.6	126.1	-470.6	-95.8	0.00	0.00	0.00
4,800.0	8.00	285.00	4,765.6	129.7	-484.0	-98.5	0.00	0.00	0.00
4,900.0	8.00	285.00	4,864.6	133.3	-497.4	-101.3	0.00	0.00	0.00
5,000.0	8.00	285.00	4,963.7	136.9	-510.9	-104.0	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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)
5,058.9	8.00	285.00	5,022.0	139.0	-518.8	-105.6	0.00	0.00	0.00
Start Drop -1.00									
5,100.0	7.59	285.00	5,062.7	140.5	-524.2	-106.7	1.00	-1.00	0.00
5,200.0	6.59	285.00	5,161.9	143.6	-536.1	-109.2	1.00	-1.00	0.00
5,300.0	5.59	285.00	5,261.4	146.4	-546.3	-111.2	1.00	-1.00	0.00
5,400.0	4.59	285.00	5,361.0	148.7	-554.9	-113.0	1.00	-1.00	0.00
5,500.0	3.59	285.00	5,460.7	150.5	-561.8	-114.4	1.00	-1.00	0.00
5,600.0	2.59	285.00	5,560.6	151.9	-567.0	-115.4	1.00	-1.00	0.00
5,700.0	1.59	285.00	5,660.5	152.9	-570.5	-116.2	1.00	-1.00	0.00
5,800.0	0.59	285.00	5,760.5	153.4	-572.4	-116.5	1.00	-1.00	0.00
5,858.9	0.00	0.00	5,819.4	153.4	-572.7	-116.6	1.00	-1.00	0.00
Start 2483.1 hold at 5858.9 MD									
5,900.0	0.00	0.00	5,860.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,960.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,100.0	0.00	0.00	6,060.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,160.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,260.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,360.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,460.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,560.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,660.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,760.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,860.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,960.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,100.0	0.00	0.00	7,060.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,160.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,260.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,360.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,460.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,560.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,660.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,760.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,860.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,960.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,060.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,160.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,260.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,342.0	0.00	0.00	8,302.5	153.4	-572.7	-116.6	0.00	0.00	0.00
Start DLS 12.00 TFO 177.31									
8,400.0	6.96	177.31	8,360.4	149.9	-572.5	-113.1	12.00	12.00	0.00
8,500.0	18.96	177.31	8,457.6	127.6	-571.4	-90.9	12.00	12.00	0.00
8,600.0	30.96	177.31	8,548.1	85.5	-569.5	-49.0	12.00	12.00	0.00
8,700.0	42.96	177.31	8,627.9	25.5	-566.6	10.7	12.00	12.00	0.00
8,737.9	47.51	177.31	8,654.6	-1.3	-565.4	37.4	12.00	12.00	0.00
FTP_ROCK JELLY FED COM 702H									
8,800.0	54.96	177.31	8,693.4	-49.7	-563.1	85.5	12.00	12.00	0.00
8,900.0	66.96	177.31	8,741.9	-136.8	-559.0	172.2	12.00	12.00	0.00
9,000.0	78.96	177.31	8,771.1	-232.2	-554.5	267.1	12.00	12.00	0.00
9,092.0	90.00	177.31	8,780.0	-323.5	-550.2	357.9	12.00	12.00	0.00
Start 4776.5 hold at 9092.0 MD									
9,100.0	90.00	177.31	8,780.0	-331.5	-549.8	365.9	0.00	0.00	0.00
9,200.0	90.00	177.31	8,780.0	-431.4	-545.1	465.3	0.00	0.00	0.00
9,300.0	90.00	177.31	8,780.0	-531.3	-540.4	564.7	0.00	0.00	0.00
9,400.0	90.00	177.31	8,780.0	-631.1	-535.7	664.0	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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	90.00	177.31	8,780.0	-731.0	-531.0	763.4	0.00	0.00	0.00
9,600.0	90.00	177.31	8,780.0	-830.9	-526.3	862.8	0.00	0.00	0.00
9,700.0	90.00	177.31	8,780.0	-930.8	-521.6	962.2	0.00	0.00	0.00
9,800.0	90.00	177.31	8,780.0	-1,030.7	-516.9	1,061.6	0.00	0.00	0.00
9,900.0	90.00	177.31	8,780.0	-1,130.6	-512.2	1,161.0	0.00	0.00	0.00
10,000.0	90.00	177.31	8,780.0	-1,230.5	-507.5	1,260.4	0.00	0.00	0.00
10,100.0	90.00	177.31	8,780.0	-1,330.4	-502.8	1,359.7	0.00	0.00	0.00
10,200.0	90.00	177.31	8,780.0	-1,430.3	-498.1	1,459.1	0.00	0.00	0.00
10,300.0	90.00	177.31	8,780.0	-1,530.2	-493.4	1,558.5	0.00	0.00	0.00
10,400.0	90.00	177.31	8,780.0	-1,630.0	-488.7	1,657.9	0.00	0.00	0.00
10,500.0	90.00	177.31	8,780.0	-1,729.9	-484.0	1,757.3	0.00	0.00	0.00
10,600.0	90.00	177.31	8,780.0	-1,829.8	-479.3	1,856.7	0.00	0.00	0.00
10,700.0	90.00	177.31	8,780.0	-1,929.7	-474.6	1,956.1	0.00	0.00	0.00
10,800.0	90.00	177.31	8,780.0	-2,029.6	-469.9	2,055.4	0.00	0.00	0.00
10,900.0	90.00	177.31	8,780.0	-2,129.5	-465.2	2,154.8	0.00	0.00	0.00
11,000.0	90.00	177.31	8,780.0	-2,229.4	-460.5	2,254.2	0.00	0.00	0.00
11,100.0	90.00	177.31	8,780.0	-2,329.3	-455.8	2,353.6	0.00	0.00	0.00
11,200.0	90.00	177.31	8,780.0	-2,429.2	-451.1	2,453.0	0.00	0.00	0.00
11,300.0	90.00	177.31	8,780.0	-2,529.0	-446.4	2,552.4	0.00	0.00	0.00
11,400.0	90.00	177.31	8,780.0	-2,628.9	-441.7	2,651.8	0.00	0.00	0.00
11,500.0	90.00	177.31	8,780.0	-2,728.8	-437.0	2,751.2	0.00	0.00	0.00
11,600.0	90.00	177.31	8,780.0	-2,828.7	-432.3	2,850.5	0.00	0.00	0.00
11,700.0	90.00	177.31	8,780.0	-2,928.6	-427.6	2,949.9	0.00	0.00	0.00
11,800.0	90.00	177.31	8,780.0	-3,028.5	-422.9	3,049.3	0.00	0.00	0.00
11,900.0	90.00	177.31	8,780.0	-3,128.4	-418.2	3,148.7	0.00	0.00	0.00
12,000.0	90.00	177.31	8,780.0	-3,228.3	-413.5	3,248.1	0.00	0.00	0.00
12,100.0	90.00	177.31	8,780.0	-3,328.2	-408.8	3,347.5	0.00	0.00	0.00
12,200.0	90.00	177.31	8,780.0	-3,428.1	-404.1	3,446.9	0.00	0.00	0.00
12,300.0	90.00	177.31	8,780.0	-3,527.9	-399.4	3,546.2	0.00	0.00	0.00
12,400.0	90.00	177.31	8,780.0	-3,627.8	-394.7	3,645.6	0.00	0.00	0.00
12,500.0	90.00	177.31	8,780.0	-3,727.7	-390.0	3,745.0	0.00	0.00	0.00
12,600.0	90.00	177.31	8,780.0	-3,827.6	-385.3	3,844.4	0.00	0.00	0.00
12,700.0	90.00	177.31	8,780.0	-3,927.5	-380.6	3,943.8	0.00	0.00	0.00
12,800.0	90.00	177.31	8,780.0	-4,027.4	-375.9	4,043.2	0.00	0.00	0.00
12,900.0	90.00	177.31	8,780.0	-4,127.3	-371.2	4,142.6	0.00	0.00	0.00
13,000.0	90.00	177.31	8,780.0	-4,227.2	-366.5	4,241.9	0.00	0.00	0.00
13,100.0	90.00	177.31	8,780.0	-4,327.1	-361.8	4,341.3	0.00	0.00	0.00
13,200.0	90.00	177.31	8,780.0	-4,426.9	-357.1	4,440.7	0.00	0.00	0.00
13,300.0	90.00	177.31	8,780.0	-4,526.8	-352.4	4,540.1	0.00	0.00	0.00
13,400.0	90.00	177.31	8,780.0	-4,626.7	-347.7	4,639.5	0.00	0.00	0.00
13,500.0	90.00	177.31	8,780.0	-4,726.6	-343.0	4,738.9	0.00	0.00	0.00
13,600.0	90.00	177.31	8,780.0	-4,826.5	-338.3	4,838.3	0.00	0.00	0.00
13,700.0	90.00	177.31	8,780.0	-4,926.4	-333.6	4,937.6	0.00	0.00	0.00
13,800.0	90.00	177.31	8,780.0	-5,026.3	-328.9	5,037.0	0.00	0.00	0.00
LTP_ROCK JELLY FED COM 702H									
13,868.5	90.00	177.31	8,780.0	-5,094.7	-325.7	5,105.1	0.00	0.00	0.00
TD at 13868.5 - PBHL_ROCK JELLY FED COM 702H									

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP_ROCK JELLY FED	90.00	179.72	8,780.0	-5,044.7	-328.1	387,346.80	613,257.80	32° 3' 51.856 N	103° 58' 3.809 W
- plan misses target center by 18.4usft at 13800.0usft MD (8780.0 TVD, -5026.3 N, -328.9 E)									
- Circle (radius 50.0)									
PBHL_ROCK JELLY FE	0.00	359.22	8,780.0	-5,094.7	-325.7	387,296.80	613,260.20	32° 3' 51.361 N	103° 58' 3.783 W
- plan hits target center									
- Rectangle (sides W100.0 H5,205.2 D20.0)									
FTP_ROCK JELLY FED	0.00	0.00	8,780.0	107.7	-570.7	392,499.20	613,015.20	32° 4' 42.854 N	103° 58' 6.425 W
- plan misses target center by 166.3usft at 8737.9usft MD (8654.6 TVD, -1.3 N, -565.4 E)									
- Circle (radius 50.0)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
13,868.5	8,780.0	5-1/2" Production Casing	5-1/2	6-3/4

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,000.0	1,000.0	0.0	0.0	Start Build 2.00
1,400.0	1,398.7	7.2	-26.9	Start 3658.9 hold at 1400.0 MD
5,058.9	5,022.0	139.0	-518.8	Start Drop -1.00
5,858.9	5,819.4	153.4	-572.7	Start 2483.1 hold at 5858.9 MD
8,342.0	8,302.5	153.4	-572.7	Start DLS 12.00 TFO 177.31
9,092.0	8,780.0	-323.5	-550.2	Start 4776.5 hold at 9092.0 MD
13,868.5	8,780.0	-5,094.7	-325.7	TD at 13868.5

DELAWARE BASIN WEST

ATLAS PROSPECT (DBW)
ROCK JELLY FEDERAL PROJECT
ROCK JELLY FEDERAL COM 702H

OWB
PWP2

Anticollision Report

19 March, 2024

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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	13,867.9	PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
ROCK JELLY FEDERAL PROJECT						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	123.5	100.7	470.1	463.5	70.635	CC
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	1,700.0	1,657.9	472.0	458.8	35.909	ES
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	8,300.0	8,214.4	731.8	684.2	15.389	SF
JRS HORZ FEDERAL COM 3H - OWB - AWP	13,868.5	8,513.0	834.6	774.2	13.821	CC, ES, SF
ROCK JELLY FEDERAL COM 701H - OWB - PWP2	966.6	966.8	30.0	20.0	3.012	CC
ROCK JELLY FEDERAL COM 701H - OWB - PWP2	1,000.0	1,000.0	30.0	19.9	2.979	Normal Operations, ES, SF
ROCK JELLY FEDERAL COM 703H - OWB - PWP2						Out of range
ROCKET FEDERAL 5H - OWB - AWP	7,500.0	12,088.0	457.8	364.7	4.918	CC
ROCKET FEDERAL 5H - OWB - AWP	7,504.4	12,088.0	457.8	364.7	4.918	ES, SF

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Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
ROCK JELLY FEDERAL PROJECT						
BISON WALLOW 34 FEDERAL 2H - OWB - AWP	13,868.5	8,304.0				Out of Range @TD
JRS HORZ FEDERAL COM 3H - OWB - AWP	13,868.5	8,513.0	834.6	774.2	13.821	CC, ES, SF
ROCK JELLY FEDERAL COM 701H - OWB - PWP2	13,868.5	13,832.7				Out of Range @TD
ROCK JELLY FEDERAL COM 703H - OWB - PWP2	13,868.5	13,901.8				Out of Range @TD
ROCKET FEDERAL 5H - OWB - AWP	13,868.5	7,582.8				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

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Rule Assigned: Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	22.8	3.0	3.0	-5.92	467.6	-48.5	470.7				
100.0	100.0	77.2	100.0	3.1	3.0	-5.91	467.6	-48.4	470.1	463.5	6.59	71.382	
123.5	123.5	100.7	123.5	3.2	3.1	-5.91	467.6	-48.4	470.1	463.5	6.66	70.635	CC
200.0	200.0	176.4	199.2	3.3	3.1	-5.88	467.7	-48.1	470.2	463.3	6.91	68.054	
300.0	300.0	273.1	295.9	3.6	3.3	-5.85	468.2	-48.0	470.7	463.4	7.24	64.978	
400.0	400.0	371.7	394.4	3.8	3.4	-5.87	469.2	-48.2	471.7	464.2	7.60	62.094	
500.0	500.0	475.0	497.8	4.0	3.6	-5.78	470.3	-47.6	472.7	464.7	7.98	59.260	
600.0	600.0	575.7	598.5	4.2	3.8	-5.78	470.6	-47.6	473.0	464.6	8.38	56.408	
700.0	700.0	675.3	698.0	4.3	4.1	-5.87	470.9	-48.4	473.4	464.6	8.79	53.853	
800.0	800.0	776.2	799.0	4.5	4.3	-5.91	471.2	-48.7	473.7	464.5	9.20	51.483	
900.0	900.0	874.4	897.2	4.7	4.6	-5.93	471.5	-48.9	474.0	464.4	9.62	49.300	
1,000.0	1,000.0	973.4	996.2	4.8	4.8	-5.94	472.2	-49.1	474.8	464.7	10.04	47.291	
1,100.0	1,100.0	1,068.9	1,091.6	5.1	5.1	69.32	473.4	-48.6	475.3	464.9	10.47	45.409	
1,200.0	1,199.8	1,167.4	1,190.2	5.4	5.4	69.94	475.4	-48.4	475.6	464.7	10.91	43.604	
1,300.0	1,299.5	1,264.7	1,287.4	5.6	5.6	71.00	477.6	-47.9	474.8	463.5	11.35	41.846	
1,400.0	1,398.7	1,361.5	1,384.2	5.9	5.9	72.46	480.4	-47.3	473.8	462.1	11.79	40.192	
1,500.0	1,497.7	1,461.3	1,483.9	6.2	6.2	74.10	483.5	-47.1	472.9	460.7	12.24	38.637	
1,600.0	1,596.8	1,560.5	1,583.1	6.4	6.5	75.82	486.3	-46.3	472.1	459.4	12.69	37.195	
1,670.9	1,666.9	1,629.7	1,652.2	6.6	6.8	77.04	488.3	-45.6	471.9	458.9	13.01	36.267	
1,700.0	1,695.8	1,657.9	1,680.4	6.7	6.9	77.53	489.2	-45.3	472.0	458.8	13.14	35.909	ES
1,800.0	1,794.8	1,756.6	1,779.1	7.0	7.2	79.30	492.5	-44.0	472.5	458.9	13.60	34.743	
1,900.0	1,893.8	1,856.1	1,878.5	7.3	7.5	81.16	495.5	-41.9	473.5	459.4	14.06	33.663	
2,000.0	1,992.9	1,955.9	1,978.2	7.6	7.8	83.02	498.5	-39.9	474.7	460.2	14.53	32.669	
2,100.0	2,091.9	2,054.9	2,077.2	7.9	8.1	84.85	501.2	-38.0	476.3	461.3	15.00	31.757	
2,200.0	2,190.9	2,153.3	2,175.6	8.2	8.4	86.61	504.1	-36.4	478.5	463.0	15.47	30.934	
2,300.0	2,289.9	2,253.3	2,275.5	8.6	8.8	88.34	507.0	-35.2	481.0	465.1	15.95	30.167	

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

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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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,400.0	2,389.0	2,353.4	2,375.5	8.9	9.1	90.07	509.6	-33.8	483.7	467.3	16.43	29.443	
2,500.0	2,488.0	2,453.3	2,475.4	9.3	9.4	91.73	512.2	-33.0	486.7	469.8	16.92	28.768	
2,600.0	2,587.0	2,553.4	2,575.5	9.6	9.8	93.23	514.9	-33.3	489.7	472.3	17.41	28.127	
2,700.0	2,686.1	2,652.6	2,674.6	10.0	10.1	94.53	517.9	-35.1	493.1	475.1	17.91	27.531	
2,800.0	2,785.1	2,752.5	2,774.5	10.4	10.4	95.74	521.3	-37.5	496.6	478.2	18.42	26.968	
2,900.0	2,884.1	2,853.0	2,874.8	10.8	10.8	96.72	525.1	-41.8	500.1	481.2	18.93	26.422	
3,000.0	2,983.1	2,952.6	2,974.1	11.2	11.1	97.66	528.9	-46.2	503.7	484.3	19.44	25.907	
3,100.0	3,082.2	3,051.1	3,072.5	11.5	11.5	98.68	532.3	-49.8	507.5	487.6	19.96	25.430	
3,200.0	3,181.2	3,149.5	3,170.8	11.9	11.8	99.68	536.0	-53.2	511.8	491.3	20.48	24.992	
3,300.0	3,280.2	3,248.7	3,269.9	12.3	12.1	100.72	539.7	-56.2	516.3	495.3	21.01	24.577	
3,400.0	3,379.2	3,346.8	3,367.9	12.7	12.5	101.78	543.2	-58.8	521.1	499.5	21.54	24.192	
3,500.0	3,478.3	3,443.3	3,464.3	13.1	12.8	102.85	546.8	-60.7	526.5	504.4	22.07	23.855	
3,600.0	3,577.3	3,542.8	3,563.7	13.5	13.1	103.96	550.8	-62.2	532.6	509.9	22.63	23.538	
3,700.0	3,676.3	3,645.2	3,666.1	13.9	13.5	105.13	554.1	-63.6	538.2	515.0	23.20	23.196	
3,800.0	3,775.3	3,745.8	3,766.6	14.3	13.8	106.27	557.0	-65.0	543.8	520.0	23.78	22.868	
3,900.0	3,874.4	3,846.4	3,867.2	14.7	14.2	107.39	559.8	-66.7	549.3	525.0	24.37	22.544	
4,000.0	3,973.4	3,943.8	3,964.5	15.1	14.5	108.46	562.2	-68.1	555.0	530.1	24.95	22.247	
4,100.0	4,072.4	4,041.1	4,061.7	15.5	14.8	109.48	565.4	-69.5	561.5	536.0	25.53	21.991	
4,200.0	4,171.5	4,143.1	4,163.7	16.0	15.2	110.61	568.1	-70.4	568.0	541.8	26.16	21.715	
4,300.0	4,270.5	4,243.5	4,264.1	16.4	15.5	111.68	570.5	-71.6	574.2	547.4	26.78	21.441	
4,400.0	4,369.5	4,341.0	4,361.6	16.8	15.9	112.70	572.8	-72.7	580.7	553.3	27.40	21.198	
4,500.0	4,468.5	4,439.4	4,459.9	17.2	16.2	113.75	575.2	-73.4	587.7	559.7	28.03	20.969	
4,600.0	4,567.6	4,540.9	4,561.4	17.6	16.6	114.84	577.2	-73.7	594.8	566.2	28.69	20.733	
4,700.0	4,666.6	4,642.0	4,662.4	18.0	16.9	115.87	579.1	-74.8	601.6	572.2	29.35	20.494	
4,800.0	4,765.6	4,738.9	4,759.4	18.4	17.2	116.82	581.2	-75.8	608.7	578.7	30.00	20.287	
4,900.0	4,864.6	4,835.5	4,856.0	18.9	17.6	117.74	583.4	-76.6	616.3	585.6	30.66	20.103	
5,000.0	4,963.7	4,931.1	4,951.5	19.3	17.9	118.64	586.0	-76.9	624.6	593.3	31.31	19.947	
5,100.0	5,062.7	5,026.5	5,046.8	19.7	18.2	119.55	588.9	-76.8	633.6	601.7	31.95	19.834	
5,200.0	5,161.9	5,124.4	5,144.7	20.1	18.6	120.40	592.1	-76.4	642.4	609.8	32.61	19.701	
5,300.0	5,261.4	5,223.5	5,243.7	20.5	18.9	121.09	595.4	-75.9	650.6	617.3	33.26	19.562	
5,400.0	5,361.0	5,323.8	5,344.0	20.9	19.3	121.62	598.9	-75.4	657.9	624.0	33.89	19.412	
5,500.0	5,460.7	5,426.3	5,446.4	21.2	19.6	121.98	602.5	-75.5	664.1	629.5	34.51	19.242	
5,600.0	5,560.6	5,527.6	5,547.6	21.6	20.0	122.20	605.7	-75.8	668.9	633.8	35.10	19.058	
5,700.0	5,660.5	5,625.3	5,645.4	21.9	20.3	122.33	608.6	-75.5	673.0	637.4	35.64	18.885	
5,800.0	5,760.5	5,727.2	5,747.1	22.1	20.7	122.34	611.3	-75.2	676.1	639.9	36.17	18.692	
5,900.0	5,860.5	5,827.6	5,847.5	22.2	21.0	47.25	613.8	-74.7	678.2	641.6	36.60	18.533	
6,000.0	5,960.5	5,929.4	5,949.3	22.3	21.4	47.13	616.0	-74.3	680.0	642.9	37.03	18.362	
6,100.0	6,060.5	6,029.2	6,049.1	22.3	21.7	47.02	618.0	-74.0	681.6	644.2	37.46	18.197	
6,200.0	6,160.5	6,130.0	6,149.9	22.3	22.1	46.93	620.0	-73.5	683.3	645.4	37.89	18.031	
6,300.0	6,260.5	6,231.1	6,251.0	22.4	22.4	46.85	621.7	-73.2	684.7	646.3	38.34	17.860	
6,400.0	6,360.5	6,330.4	6,350.2	22.4	22.7	46.78	623.3	-72.7	686.2	647.4	38.77	17.699	
6,500.0	6,460.5	6,432.6	6,452.5	22.5	23.1	46.71	624.8	-72.3	687.5	648.3	39.22	17.528	
6,600.0	6,560.5	6,532.3	6,552.1	22.5	23.4	46.67	625.9	-71.7	688.6	649.0	39.67	17.360	
6,700.0	6,660.5	6,632.1	6,651.9	22.5	23.8	46.63	627.2	-71.1	690.0	649.9	40.11	17.202	
6,800.0	6,760.5	6,733.6	6,753.4	22.6	24.1	46.54	628.7	-71.2	690.9	650.3	40.56	17.033	
6,900.0	6,860.5	6,828.4	6,848.2	22.6	24.5	46.50	630.0	-70.5	692.4	651.4	40.98	16.897	
7,000.0	6,960.5	6,927.7	6,947.5	22.7	24.8	46.53	630.9	-69.0	694.2	652.7	41.44	16.752	
7,100.0	7,060.5	7,022.9	7,042.6	22.7	25.2	46.70	630.9	-66.1	696.4	654.5	41.89	16.626	
7,200.0	7,160.5	7,117.8	7,137.4	22.8	25.5	46.99	630.2	-61.6	699.3	657.0	42.35	16.513	
7,300.0	7,260.5	7,213.1	7,232.6	22.8	25.8	47.26	630.1	-56.8	703.0	660.1	42.81	16.421	
7,400.0	7,360.5	7,310.7	7,330.1	22.8	26.1	47.47	631.0	-52.1	707.1	663.8	43.28	16.338	
7,500.0	7,460.5	7,411.0	7,430.2	22.9	26.5	47.65	632.3	-47.3	711.5	667.7	43.77	16.257	

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

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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

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,600.0	7,560.5	7,525.8	7,545.0	22.9	26.9	47.76	633.5	-43.9	714.3	670.0	44.35	16.106	
7,700.0	7,660.5	7,620.7	7,639.9	23.0	27.2	47.81	634.7	-41.7	716.9	672.1	44.78	16.008	
7,800.0	7,760.5	7,723.0	7,742.1	23.0	27.6	47.87	636.0	-39.1	719.6	674.4	45.27	15.897	
7,900.0	7,860.5	7,826.0	7,845.0	23.1	27.9	47.92	637.2	-36.9	722.0	676.2	45.75	15.779	
8,000.0	7,960.5	7,926.5	7,945.5	23.1	28.3	47.95	638.3	-35.2	724.0	677.8	46.22	15.663	
8,100.0	8,060.5	8,024.6	8,043.7	23.1	28.6	48.00	639.2	-33.1	726.2	679.6	46.68	15.557	
8,200.0	8,160.5	8,122.5	8,141.6	23.2	29.0	48.05	640.3	-31.0	728.6	681.4	47.14	15.455	
8,300.0	8,260.5	8,214.4	8,233.4	23.2	29.3	48.08	642.0	-28.5	731.8	684.2	47.55	15.389	SF
8,400.0	8,360.4	8,304.0	8,322.8	23.2	29.6	-129.21	646.7	-28.2	737.9	690.0	47.88	15.409	
8,500.0	8,457.6	8,358.0	8,376.3	23.1	29.6	-128.23	653.3	-29.1	759.7	712.1	47.65	15.945	
8,600.0	8,548.1	8,399.0	8,416.6	22.9	29.6	-125.51	661.5	-29.7	800.2	753.0	47.21	16.950	
8,700.0	8,627.9	8,431.0	8,447.4	22.8	29.6	-120.22	669.9	-30.4	857.5	810.8	46.71	18.356	
8,800.0	8,693.4	8,446.3	8,462.0	22.8	29.6	-110.50	674.6	-30.8	928.1	881.9	46.21	20.085	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 - JRS HORZ FEDERAL COM 3H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100-r.5 GYRO-NS, 8228-r.5 MWD

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,700.0	8,780.0	8,481.0	8,469.7	44.3	29.1	50.26	-5,792.0	-666.6	977.9	925.5	52.49	18.632	
13,800.0	8,780.0	8,502.6	8,490.2	44.9	29.2	52.33	-5,798.4	-668.4	891.9	837.7	54.15	16.470	
13,868.5	8,780.0	8,513.0	8,500.0	45.3	29.2	53.36	-5,801.8	-669.3	834.6	774.2	60.38	13.821	CC, ES, SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 701H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 MWD+IFR1+MS

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.2	0.0	3.0	3.0	89.81	0.1	30.0	30.0				
100.0	100.0	100.2	100.0	3.1	3.1	89.81	0.1	30.0	30.0	23.3	6.67	4.500	
200.0	200.0	200.2	200.0	3.3	3.3	89.81	0.1	30.0	30.0	22.9	7.12	4.216	
300.0	300.0	300.2	300.0	3.6	3.6	89.81	0.1	30.0	30.0	22.5	7.54	3.978	
400.0	400.0	400.2	400.0	3.8	3.8	89.81	0.1	30.0	30.0	22.1	7.94	3.776	
500.0	500.0	500.2	500.0	4.0	4.0	89.81	0.1	30.0	30.0	21.7	8.33	3.601	
600.0	600.0	600.2	600.0	4.2	4.2	89.81	0.1	30.0	30.0	21.3	8.70	3.447	
700.0	700.0	700.2	700.0	4.3	4.3	89.81	0.1	30.0	30.0	20.9	9.06	3.311	
800.0	800.0	800.2	800.0	4.5	4.5	89.81	0.1	30.0	30.0	20.6	9.41	3.189	
900.0	900.0	900.2	900.0	4.7	4.7	89.81	0.1	30.0	30.0	20.3	9.74	3.079	
966.6	966.6	966.8	966.6	4.8	4.8	89.81	0.1	30.0	30.0	20.0	9.96	3.012	CC
1,000.0	1,000.0	1,000.0	999.8	4.8	4.8	89.81	0.1	30.0	30.0	19.9	10.07	2.979	Normal Operations, ES, SF
1,100.0	1,100.0	1,099.1	1,098.9	5.1	5.1	164.94	0.5	31.7	33.4	22.8	10.56	3.160	
1,200.0	1,199.8	1,197.3	1,196.9	5.4	5.4	165.21	1.6	36.6	43.5	32.4	11.04	3.936	
1,300.0	1,299.5	1,294.2	1,293.4	5.6	5.6	165.44	3.4	44.7	60.2	48.7	11.54	5.217	
1,400.0	1,398.7	1,389.1	1,387.7	5.9	5.9	165.57	5.8	55.8	83.4	71.4	12.05	6.925	
1,500.0	1,497.7	1,485.1	1,482.8	6.2	6.1	165.71	8.7	68.8	110.2	97.7	12.48	8.830	
1,600.0	1,596.8	1,581.5	1,578.2	6.4	6.4	165.79	11.6	81.9	137.0	124.0	12.94	10.583	
1,700.0	1,695.8	1,677.8	1,673.6	6.7	6.6	165.84	14.5	95.0	163.8	150.3	13.44	12.185	
1,800.0	1,794.8	1,774.2	1,769.0	7.0	6.9	165.88	17.4	108.1	190.6	176.6	13.97	13.642	
1,900.0	1,893.8	1,870.5	1,864.4	7.3	7.2	165.91	20.3	121.2	217.3	202.8	14.52	14.966	
2,000.0	1,992.9	1,966.9	1,959.9	7.6	7.5	165.93	23.2	134.2	244.1	229.0	15.10	16.167	
2,100.0	2,091.9	2,063.2	2,055.3	7.9	7.8	165.95	26.1	147.3	270.9	255.2	15.70	17.256	
2,200.0	2,190.9	2,159.6	2,150.7	8.2	8.1	165.97	29.0	160.4	297.7	281.4	16.32	18.245	
2,300.0	2,289.9	2,255.9	2,246.1	8.6	8.4	165.98	31.9	173.5	324.5	307.6	16.95	19.142	
2,400.0	2,389.0	2,352.2	2,341.5	8.9	8.8	165.99	34.8	186.6	351.3	333.7	17.60	19.958	
2,500.0	2,488.0	2,448.6	2,436.9	9.3	9.1	166.00	37.7	199.7	378.1	359.8	18.26	20.701	
2,600.0	2,587.0	2,544.9	2,532.3	9.6	9.4	166.01	40.6	212.8	404.9	385.9	18.94	21.379	
2,700.0	2,686.1	2,641.3	2,627.7	10.0	9.8	166.02	43.5	225.9	431.7	412.0	19.62	21.998	
2,800.0	2,785.1	2,737.6	2,723.1	10.4	10.2	166.02	46.4	239.0	458.4	438.1	20.32	22.565	
2,900.0	2,884.1	2,834.0	2,818.5	10.8	10.5	166.03	49.3	252.1	485.2	464.2	21.02	23.086	
3,000.0	2,983.1	2,930.3	2,913.9	11.2	10.9	166.03	52.2	265.1	512.0	490.3	21.73	23.564	
3,100.0	3,082.2	3,026.7	3,009.3	11.5	11.3	166.04	55.1	278.2	538.8	516.4	22.45	24.005	
3,200.0	3,181.2	3,123.0	3,104.7	11.9	11.6	166.04	58.0	291.3	565.6	542.4	23.17	24.412	
3,300.0	3,280.2	3,219.4	3,200.1	12.3	12.0	166.04	60.9	304.4	592.4	568.5	23.90	24.789	
3,400.0	3,379.2	3,315.7	3,295.6	12.7	12.4	166.05	63.8	317.5	619.2	594.5	24.63	25.138	
3,500.0	3,478.3	3,412.0	3,391.0	13.1	12.8	166.05	66.7	330.6	646.0	620.6	25.37	25.462	
3,600.0	3,577.3	3,508.4	3,486.4	13.5	13.1	166.05	69.6	343.7	672.8	646.6	26.11	25.763	
3,700.0	3,676.3	3,604.7	3,581.8	13.9	13.5	166.06	72.5	356.8	699.5	672.7	26.86	26.044	
3,800.0	3,775.3	3,701.1	3,677.2	14.3	13.9	166.06	75.4	369.9	726.3	698.7	27.61	26.306	
3,900.0	3,874.4	3,797.4	3,772.6	14.7	14.3	166.06	78.4	383.0	753.1	724.8	28.36	26.552	
4,000.0	3,973.4	3,893.8	3,868.0	15.1	14.7	166.06	81.3	396.1	779.9	750.8	29.12	26.781	
4,100.0	4,072.4	3,990.1	3,963.4	15.5	15.1	166.06	84.2	409.1	806.7	776.8	29.88	26.997	
4,200.0	4,171.5	4,086.5	4,058.8	16.0	15.5	166.07	87.1	422.2	833.5	802.8	30.64	27.199	
4,300.0	4,270.5	4,182.8	4,154.2	16.4	15.9	166.07	90.0	435.3	860.3	828.9	31.41	27.390	
4,400.0	4,369.5	4,279.1	4,249.6	16.8	16.3	166.07	92.9	448.4	887.1	854.9	32.18	27.569	
4,500.0	4,468.5	4,375.5	4,345.0	17.2	16.7	166.07	95.8	461.5	913.9	880.9	32.95	27.739	
4,600.0	4,567.6	4,471.8	4,440.4	17.6	17.1	166.07	98.7	474.6	940.6	906.9	33.72	27.899	
4,700.0	4,666.6	4,568.2	4,535.9	18.0	17.5	166.07	101.6	487.7	967.4	932.9	34.49	28.050	
4,800.0	4,765.6	4,664.5	4,631.3	18.4	17.9	166.07	104.5	500.8	994.2	959.0	35.26	28.193	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 - ROCKET FEDERAL 5H - OWB - AWP

Offset Site Error: 0.0 usft

Survey Program: 100-r.5 MWD, 6830-r.5 MWD

Rule Assigned:

Offset Well Error: 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,700.0	6,660.5	12,088.0	7,462.0	22.5	81.2	-131.33	-148.9	-916.4	923.1	854.9	68.18	13.538	
6,800.0	6,760.5	12,088.0	7,462.0	22.6	81.2	-131.33	-148.9	-916.4	837.7	767.5	70.19	11.934	
6,900.0	6,860.5	12,088.0	7,462.0	22.6	81.2	-131.33	-148.9	-916.4	755.9	683.2	72.70	10.398	
7,000.0	6,960.5	12,088.0	7,462.0	22.7	81.2	-131.33	-148.9	-916.4	679.1	603.3	75.80	8.958	
7,100.0	7,060.5	12,088.0	7,462.0	22.7	81.2	-131.33	-148.9	-916.4	608.9	529.4	79.55	7.655	
7,200.0	7,160.5	12,088.0	7,462.0	22.8	81.2	-131.33	-148.9	-916.4	548.2	464.4	83.81	6.541	
7,300.0	7,260.5	12,088.0	7,462.0	22.8	81.2	-131.33	-148.9	-916.4	500.2	412.1	88.13	5.676	
7,400.0	7,360.5	12,088.0	7,462.0	22.8	81.2	-131.33	-148.9	-916.4	468.9	377.3	91.59	5.119	
7,500.0	7,460.5	12,088.0	7,462.0	22.9	81.2	-131.33	-148.9	-916.4	457.8	364.7	93.08	4.918	CC
7,504.4	7,464.9	12,088.0	7,462.0	22.9	81.2	-131.33	-148.9	-916.4	457.8	364.7	93.09	4.918	ES, SF
7,600.0	7,560.5	12,088.0	7,462.0	22.9	81.2	-131.33	-148.9	-916.4	468.3	376.2	92.03	5.088	
7,700.0	7,660.5	12,088.0	7,462.0	23.0	81.2	-131.33	-148.9	-916.4	499.0	410.0	88.94	5.610	
7,800.0	7,760.5	12,088.0	7,462.0	23.0	81.2	-131.33	-148.9	-916.4	546.5	461.6	84.91	6.436	
7,900.0	7,860.5	12,088.0	7,462.0	23.1	81.2	-131.33	-148.9	-916.4	606.9	526.0	80.88	7.504	
8,000.0	7,960.5	12,088.0	7,462.0	23.1	81.2	-131.33	-148.9	-916.4	676.8	599.5	77.33	8.752	
8,100.0	8,060.5	12,088.0	7,462.0	23.1	81.2	-131.33	-148.9	-916.4	753.5	679.1	74.40	10.128	
8,200.0	8,160.5	12,088.0	7,462.0	23.2	81.2	-131.33	-148.9	-916.4	835.1	763.1	72.05	11.591	
8,300.0	8,260.5	12,088.0	7,462.0	23.2	81.2	-131.33	-148.9	-916.4	920.4	850.2	70.20	13.110	

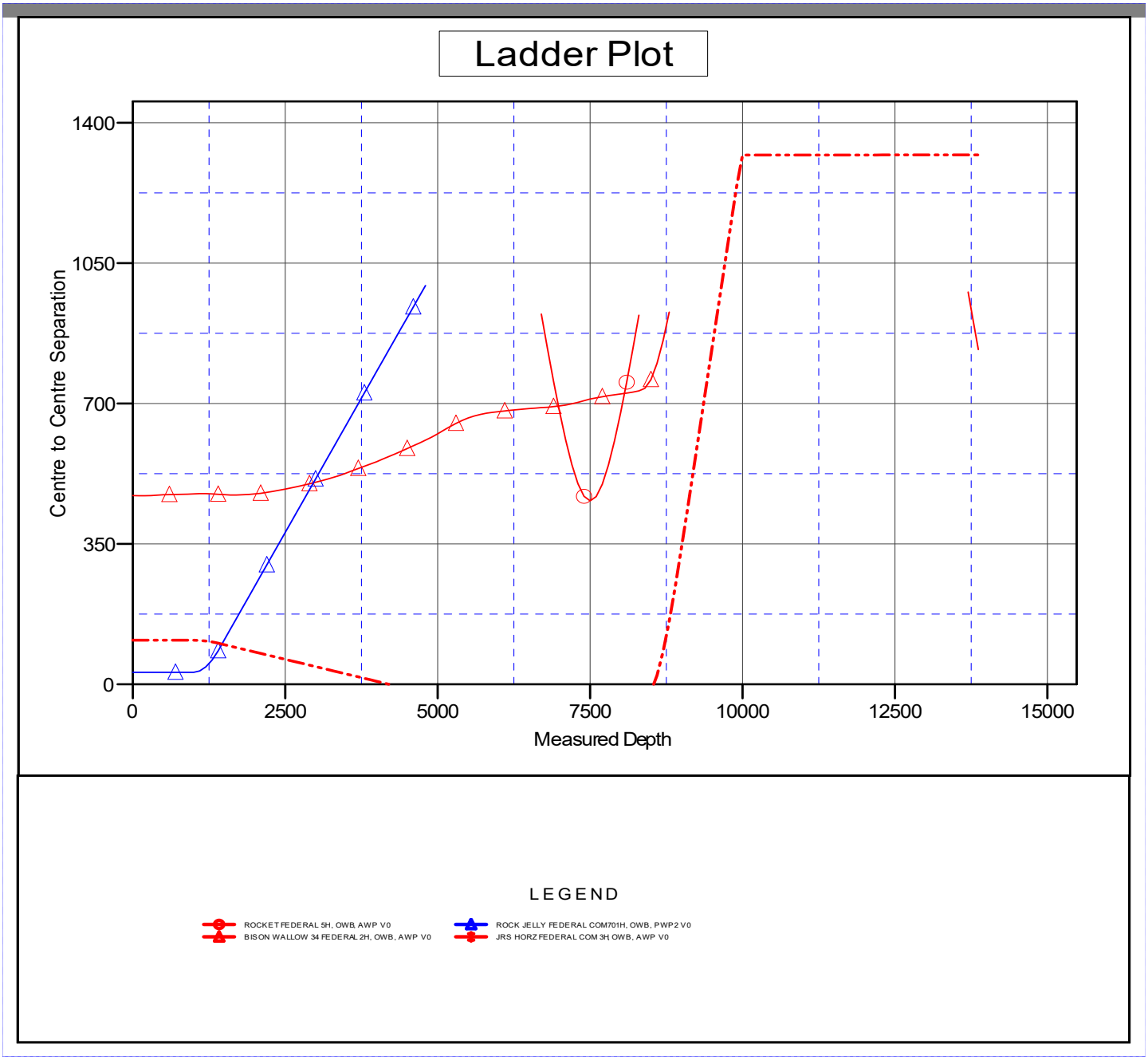
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 @ 3002.8usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FEDERAL COM 702H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°



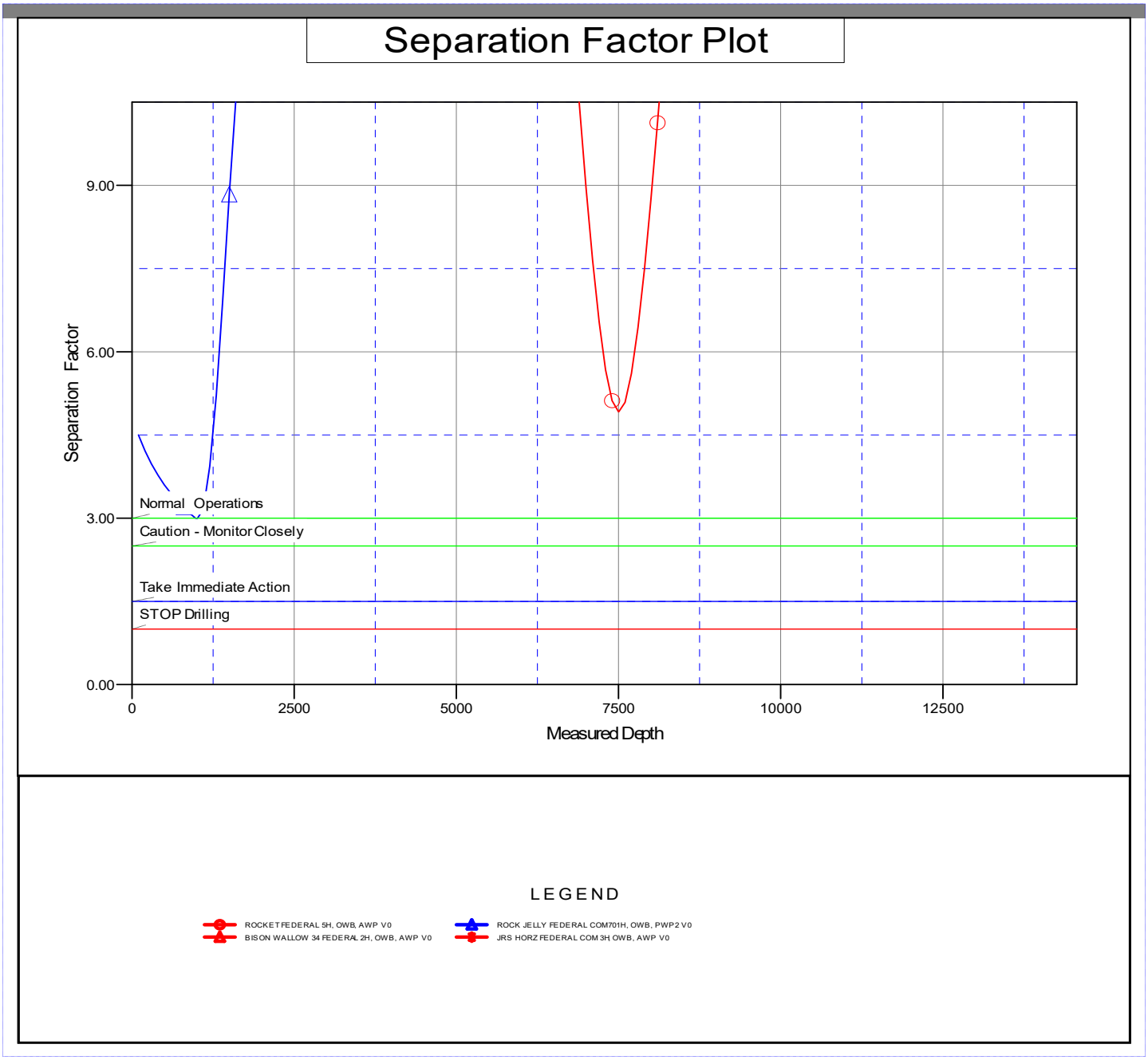
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Project:	ATLAS PROSPECT (DBW)	**TVD Reference:**	KB @ 3002.8usft
Reference Site:	ROCK JELLY FEDERAL PROJECT	**MD Reference:**	KB @ 3002.8usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	ROCK JELLY FEDERAL COM 702H	**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 @ 3002.8usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: ROCK JELLY FEDERAL COM 702H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.19°



DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-47582	13354	Corral Canyon; Bone Spring

Property Code	Property Name	Well Number
329756	ROCK JELLY FEDERAL COM	702H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING LLC	2977.8'

Surface Location

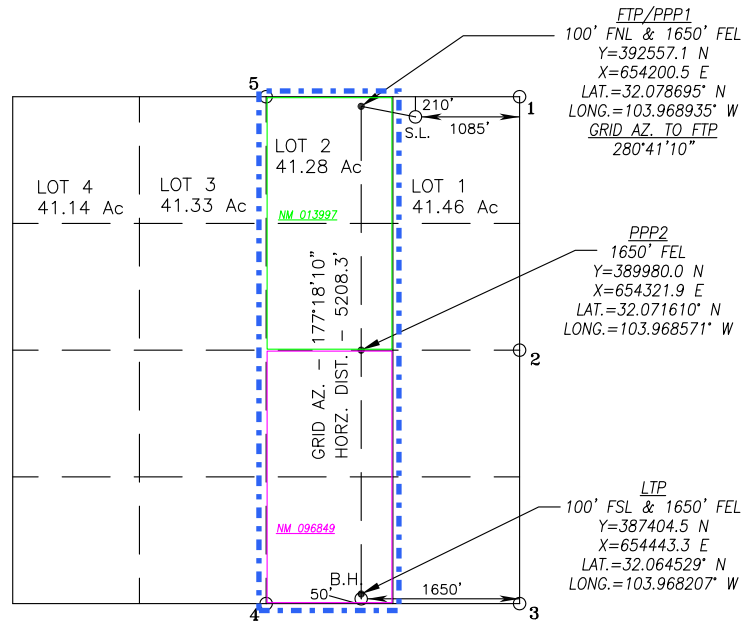
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	26-S	29-E		210	NORTH	1085	EAST	EDDY

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
O	3	26-S	29-E		50	SOUTH	1650	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



NAD 83 NME
SURFACE LOCATION
Y=392449.4 N
X=654771.2 E
LAT.=32.078394° N
LONG.=103.967093° W

POINT LEGEND	
1	Y=392663.6 N X=655847.3 E
2	Y=389979.3 N X=655973.7 E
3	Y=387297.4 N X=656100.1 E
4	Y=387309.0 N X=653404.4 E
5	Y=392653.1 N X=653204.1 E

NAD 83 NME
PROPOSED BOTTOM
HOLE LOCATION
Y=387354.5 N
X=654445.6 E
LAT.=32.064391° N
LONG.=103.968200° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 3/19/2024
Signature Date

Stan Wagner
Printed Name

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 13, 2021
Date of Survey

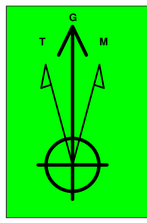
Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 3/11/24
Certificate No. CHAD HARCROW 17777
W.O. #24-241 DRAWN BY: WN

ConocoPhillips

Project:	ATLAS PROSPECT (DBW)
Site:	ROCK JELLY FEDERAL PROJECT
Well:	ROCK JELLY FEDERAL COM 702H
Wellbore:	OWB
Design:	PWP2
GL:	2977.8
KB @ 3002.8usft	



Azimuths to Grid North
True North: -0.19°
Magnetic North: 6.32°

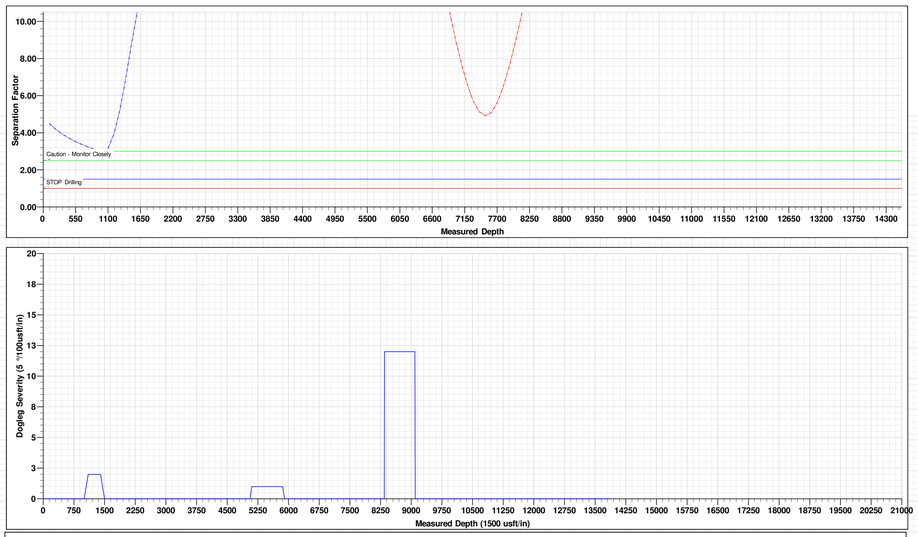
Magnetic Field
Strength: 47363.9nT
Dip Angle: 59.64°
Date: 9/5/2023
Model: BGGM2022

WELL DETAILS: ROCK JELLY FEDERAL COM 702H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	392391.50	613585.90	32° 4' 41.769 N	103° 57' 59.797 W

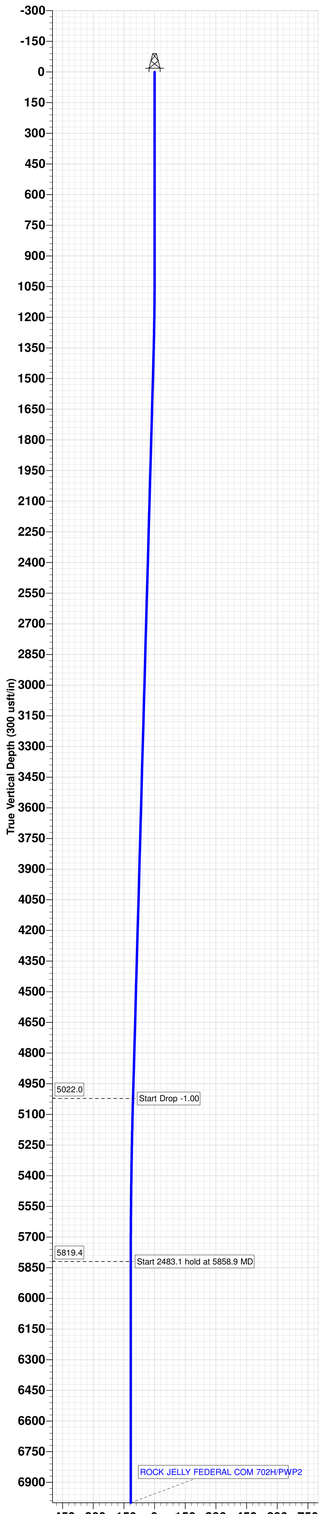
DESIGN TARGET DETAILS

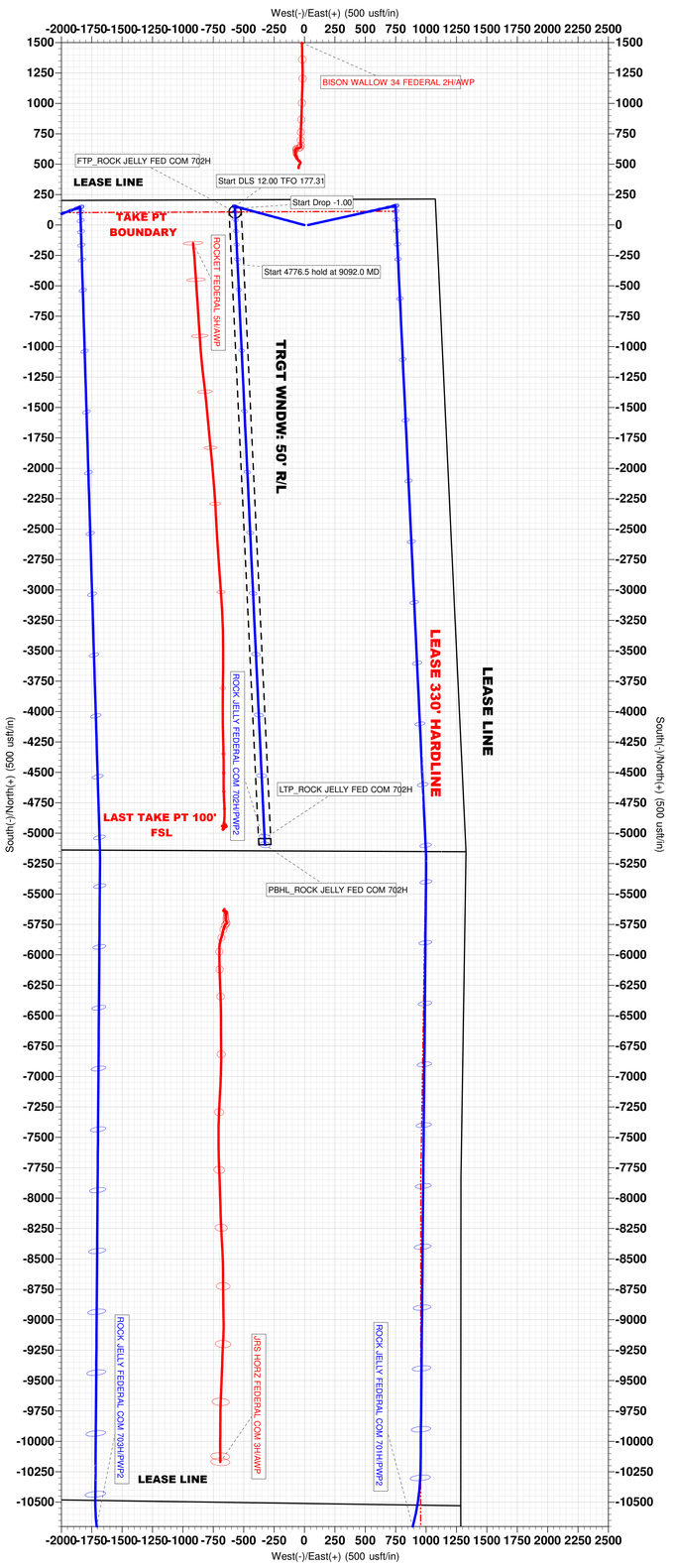
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
FTP_ROCK JELLY FED COM 702H	8780.0	107.7	-570.7	392499.20	613015.20	Circle (Radius: 50.0)
LTP_ROCK JELLY FED COM 702H	8780.0	-5044.7	-328.1	387346.80	613257.80	Circle (Radius: 50.0)
PBHL_ROCK JELLY FED COM 702H	8780.0	-5094.7	-325.7	387296.80	613260.20	Rectangle (Sides: L5205.2 W100.0)

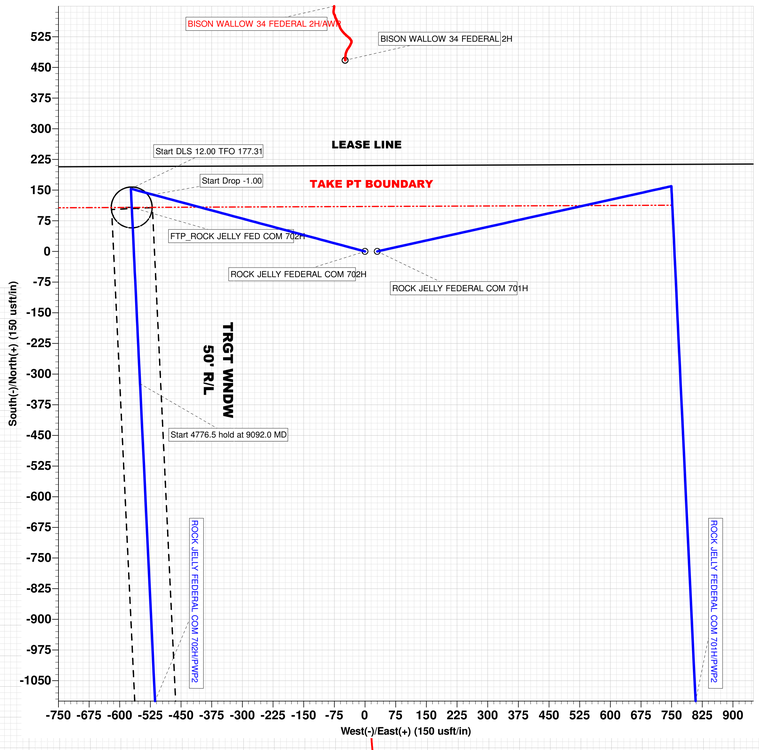


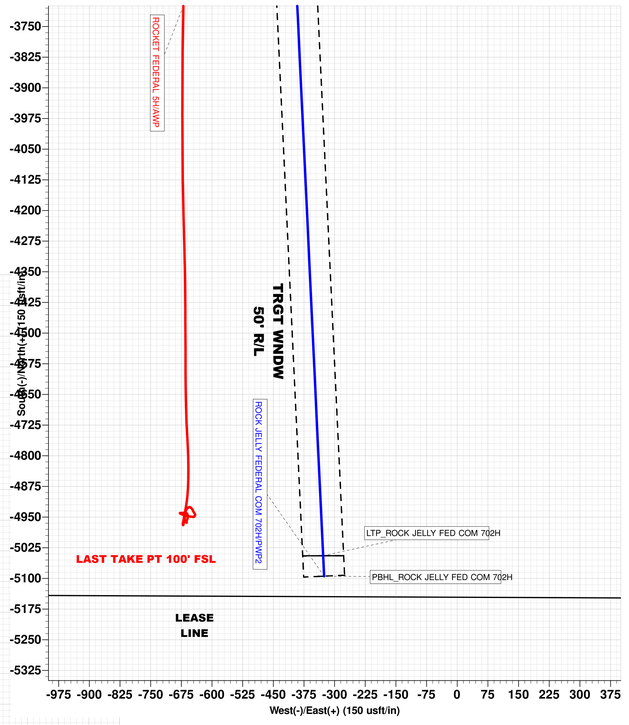
PWP2

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	285.00	1398.7	7.2	-26.9	-5.5	27.9	Start 3658.9 hold at 1400.0 MD
5058.9	8.00	285.00	5022.0	139.0	-518.8	-105.6	537.1	Start Drop -1.00
5858.9	0.00	0.00	5819.4	153.4	-572.7	-116.6	592.9	Start 2483.1 hold at 5858.9 MD
8342.0	0.00	0.00	8302.5	153.4	-572.7	-116.6	592.9	Start DLS 12.00 TFO 177.31
9092.0	90.00	177.31	8780.0	-323.5	-550.2	357.9	1070.3	Start 4776.5 hold at 9092.0 MD
13868.5	90.00	177.31	8780.0	-5094.7	-325.7	5105.1	5846.8	TD at 13868.5



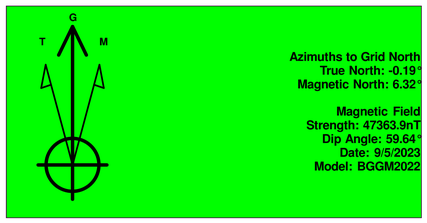






ConocoPhillips

Project:	ATLAS PROSPECT (DBW)
Site:	ROCK JELLY FEDERAL PROJECT
Well:	ROCK JELLY FEDERAL COM 702H
Wellbore:	OWB
Design:	PWP2
GL:	2977.8
KB @ 3002.8usft	



Azimuths to Grid North
True North: -0.19°
Magnetic North: 6.32°

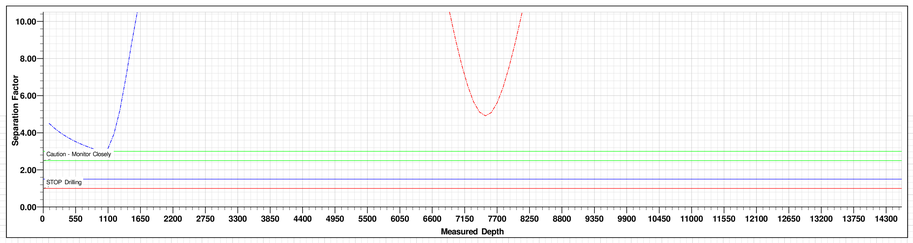
Magnetic Field
Strength: 47363.9nT
Dip Angle: 59.64°
Date: 9/5/2023
Model: BGGM2022

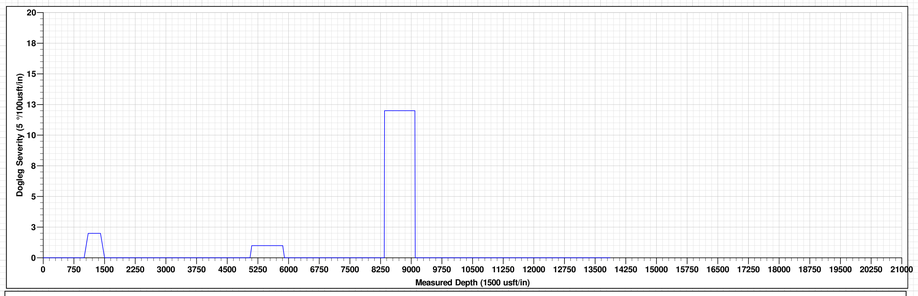
WELL DETAILS: ROCK JELLY FEDERAL COM 702H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	392391.50	613585.90	32° 4' 41.769 N	103° 57' 59.797 W

DESIGN TARGET DETAILS

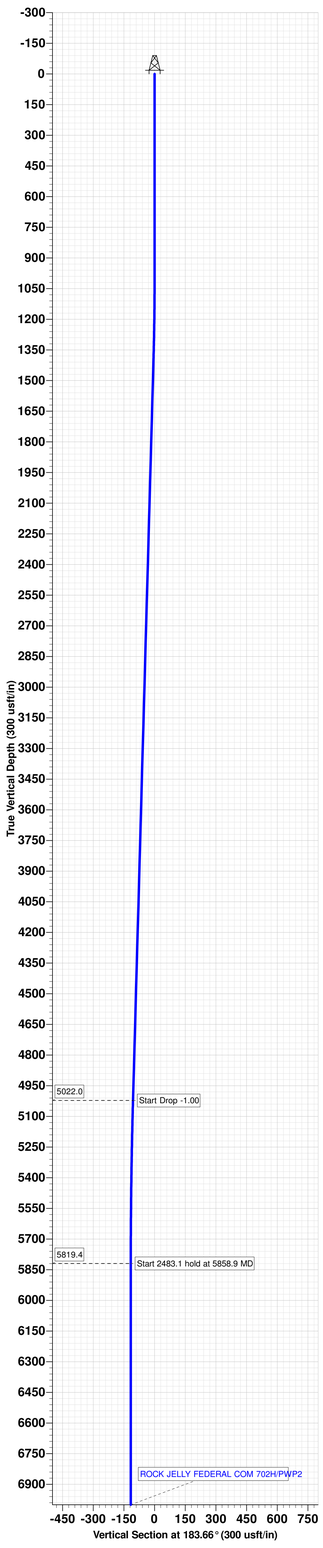
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
FTP_ROCK JELLY FED COM 702H	8780.0	107.7	-570.7	392499.20	613015.20	Circle (Radius: 50.0)
LTP_ROCK JELLY FED COM 702H	8780.0	-5044.7	-328.1	387346.80	613257.80	Circle (Radius: 50.0)
PBHL_ROCK JELLY FED COM 702H	8780.0	-5094.7	-325.7	387296.80	613260.20	Rectangle (Sides: L5205.2 W100.0)

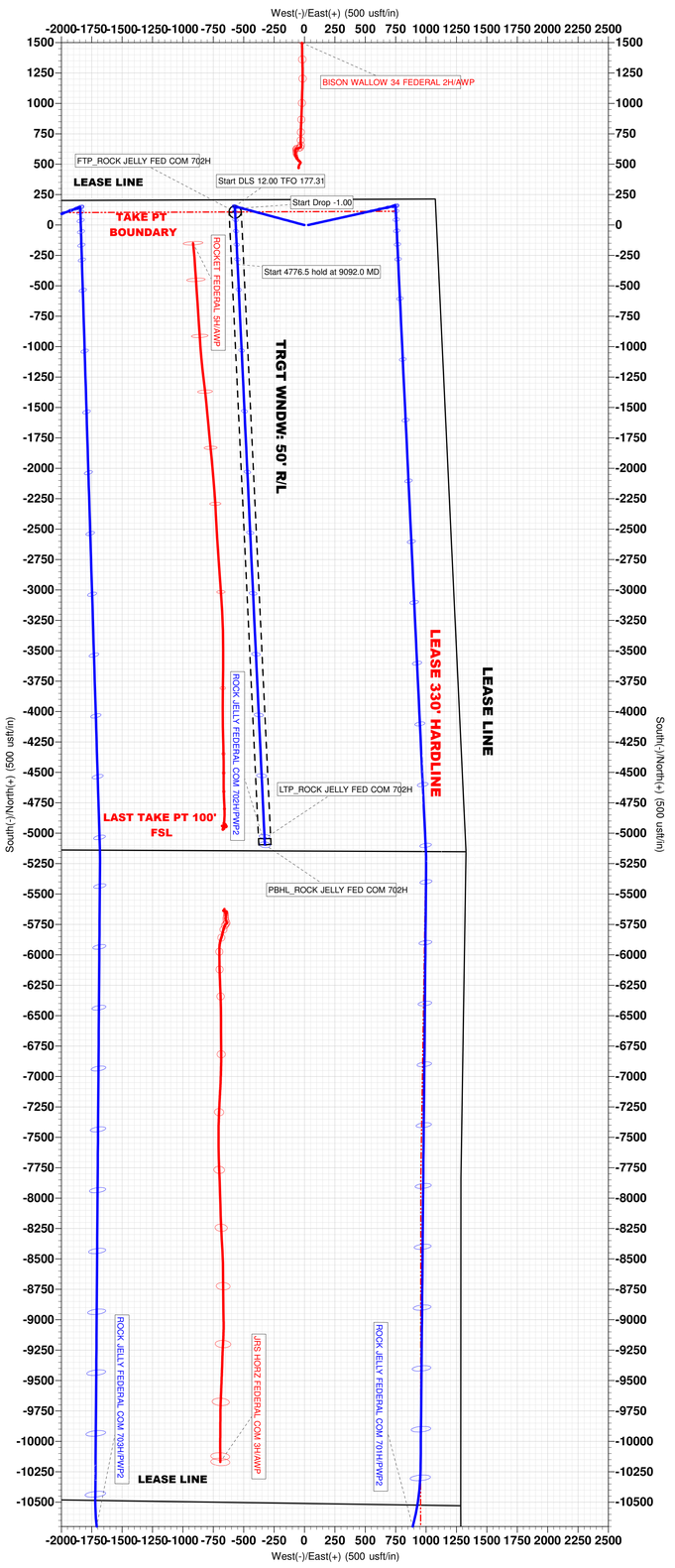


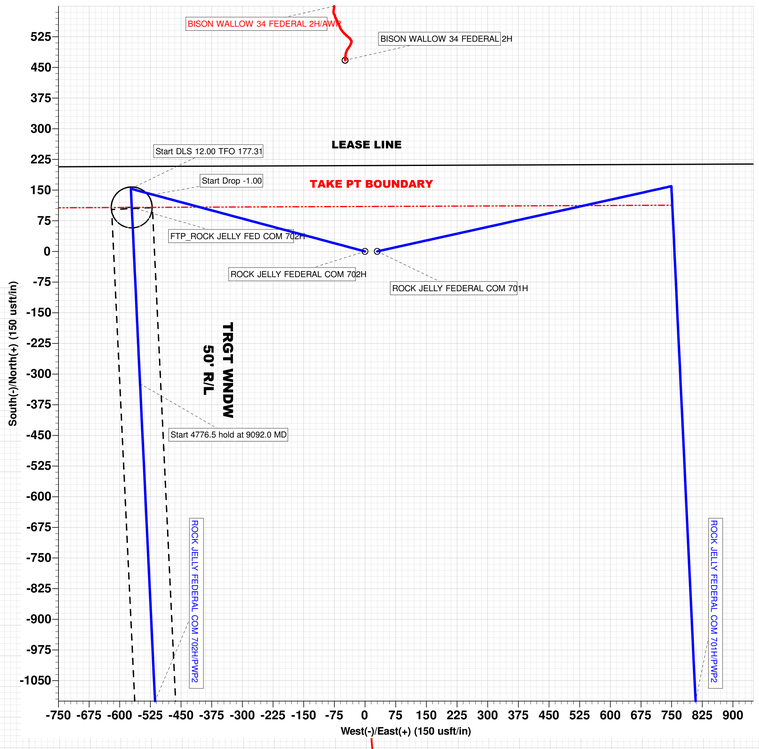


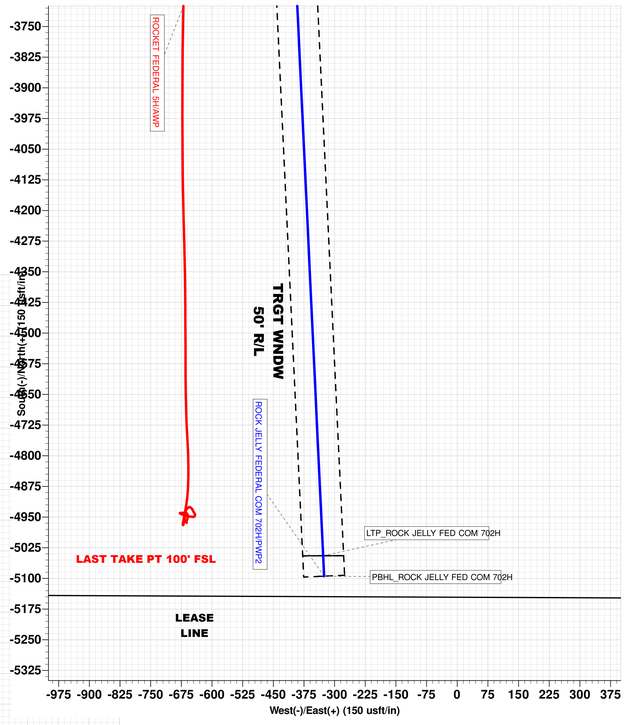
PWP2

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	285.00	1398.7	7.2	-26.9	-5.5	27.9	Start 3658.9 hold at 1400.0 MD
5058.9	8.00	285.00	5022.0	139.0	-518.8	-105.6	537.1	Start Drop -1.00
5858.9	0.00	0.00	5819.4	153.4	-572.7	-116.6	592.9	Start 2483.1 hold at 5858.9 MD
8342.0	0.00	0.00	8302.5	153.4	-572.7	-116.6	592.9	Start DLS 12.00 TFO 177.31
9092.0	90.00	177.31	8780.0	-323.5	-550.2	357.9	1070.3	Start 4776.5 hold at 9092.0 MD
13868.5	90.00	177.31	8780.0	-5094.7	-325.7	5105.1	5846.8	TD at 13868.5









DELAWARE BASIN WEST

ATLAS PROSPECT (DBW)
ROCK JELLY FEDERAL PROJECT
ROCK JELLY FEDERAL COM 702H

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 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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	**Latitude:**	32° 4' 41.768 N
From:	Map	**Easting:**	613,615.50 usft	**Longitude:**	103° 57' 59.453 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well ROCK JELLY FEDERAL COM 702H

Well Position	**+N/-S**	0.0 usft	**Northing:**	392,391.50 usft	**Latitude:**	32° 4' 41.769 N
	+E/-W	0.0 usft	**Easting:**	613,585.90 usft	**Longitude:**	103° 57' 59.797 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	2,977.8 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	47,363.93162641

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	183.66

Plan Survey Tool Program **Date** 3/19/2024

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	13,867.9	PWP2 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	

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	285.00	1,398.7	7.2	-26.9	2.00	2.00	0.00	285.00	
5,058.9	8.00	285.00	5,022.0	139.0	-518.8	0.00	0.00	0.00	0.00	
5,858.9	0.00	0.00	5,819.4	153.4	-572.7	1.00	-1.00	0.00	180.00	
8,342.0	0.00	0.00	8,302.5	153.4	-572.7	0.00	0.00	0.00	0.00	
9,092.0	90.00	177.31	8,780.0	-323.5	-550.2	12.00	12.00	23.64	177.31	
13,868.5	90.00	177.31	8,780.0	-5,094.7	-325.7	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 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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	285.00	1,100.0	0.5	-1.7	-0.3	2.00	2.00	0.00
1,200.0	4.00	285.00	1,199.8	1.8	-6.7	-1.4	2.00	2.00	0.00
1,300.0	6.00	285.00	1,299.5	4.1	-15.2	-3.1	2.00	2.00	0.00
1,400.0	8.00	285.00	1,398.7	7.2	-26.9	-5.5	2.00	2.00	0.00
Start 3658.9 hold at 1400.0 MD									
1,500.0	8.00	285.00	1,497.7	10.8	-40.4	-8.2	0.00	0.00	0.00
1,600.0	8.00	285.00	1,596.8	14.4	-53.8	-11.0	0.00	0.00	0.00
1,700.0	8.00	285.00	1,695.8	18.0	-67.3	-13.7	0.00	0.00	0.00
1,800.0	8.00	285.00	1,794.8	21.6	-80.7	-16.4	0.00	0.00	0.00
1,900.0	8.00	285.00	1,893.8	25.2	-94.1	-19.2	0.00	0.00	0.00
2,000.0	8.00	285.00	1,992.9	28.8	-107.6	-21.9	0.00	0.00	0.00
2,100.0	8.00	285.00	2,091.9	32.4	-121.0	-24.6	0.00	0.00	0.00
2,200.0	8.00	285.00	2,190.9	36.0	-134.5	-27.4	0.00	0.00	0.00
2,300.0	8.00	285.00	2,289.9	39.6	-147.9	-30.1	0.00	0.00	0.00
2,400.0	8.00	285.00	2,389.0	43.2	-161.4	-32.9	0.00	0.00	0.00
2,500.0	8.00	285.00	2,488.0	46.8	-174.8	-35.6	0.00	0.00	0.00
2,600.0	8.00	285.00	2,587.0	50.4	-188.2	-38.3	0.00	0.00	0.00
2,700.0	8.00	285.00	2,686.1	54.0	-201.7	-41.1	0.00	0.00	0.00
2,800.0	8.00	285.00	2,785.1	57.6	-215.1	-43.8	0.00	0.00	0.00
2,900.0	8.00	285.00	2,884.1	61.2	-228.6	-46.5	0.00	0.00	0.00
3,000.0	8.00	285.00	2,983.1	64.8	-242.0	-49.3	0.00	0.00	0.00
3,100.0	8.00	285.00	3,082.2	68.5	-255.5	-52.0	0.00	0.00	0.00
3,200.0	8.00	285.00	3,181.2	72.1	-268.9	-54.8	0.00	0.00	0.00
3,300.0	8.00	285.00	3,280.2	75.7	-282.3	-57.5	0.00	0.00	0.00
3,400.0	8.00	285.00	3,379.2	79.3	-295.8	-60.2	0.00	0.00	0.00
3,500.0	8.00	285.00	3,478.3	82.9	-309.2	-63.0	0.00	0.00	0.00
3,600.0	8.00	285.00	3,577.3	86.5	-322.7	-65.7	0.00	0.00	0.00
3,700.0	8.00	285.00	3,676.3	90.1	-336.1	-68.4	0.00	0.00	0.00
3,800.0	8.00	285.00	3,775.3	93.7	-349.6	-71.2	0.00	0.00	0.00
3,900.0	8.00	285.00	3,874.4	97.3	-363.0	-73.9	0.00	0.00	0.00
4,000.0	8.00	285.00	3,973.4	100.9	-376.5	-76.6	0.00	0.00	0.00
4,100.0	8.00	285.00	4,072.4	104.5	-389.9	-79.4	0.00	0.00	0.00
4,200.0	8.00	285.00	4,171.5	108.1	-403.3	-82.1	0.00	0.00	0.00
4,300.0	8.00	285.00	4,270.5	111.7	-416.8	-84.9	0.00	0.00	0.00
4,400.0	8.00	285.00	4,369.5	115.3	-430.2	-87.6	0.00	0.00	0.00
4,500.0	8.00	285.00	4,468.5	118.9	-443.7	-90.3	0.00	0.00	0.00
4,600.0	8.00	285.00	4,567.6	122.5	-457.1	-93.1	0.00	0.00	0.00
4,700.0	8.00	285.00	4,666.6	126.1	-470.6	-95.8	0.00	0.00	0.00
4,800.0	8.00	285.00	4,765.6	129.7	-484.0	-98.5	0.00	0.00	0.00
4,900.0	8.00	285.00	4,864.6	133.3	-497.4	-101.3	0.00	0.00	0.00
5,000.0	8.00	285.00	4,963.7	136.9	-510.9	-104.0	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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)
5,058.9	8.00	285.00	5,022.0	139.0	-518.8	-105.6	0.00	0.00	0.00
Start Drop -1.00									
5,100.0	7.59	285.00	5,062.7	140.5	-524.2	-106.7	1.00	-1.00	0.00
5,200.0	6.59	285.00	5,161.9	143.6	-536.1	-109.2	1.00	-1.00	0.00
5,300.0	5.59	285.00	5,261.4	146.4	-546.3	-111.2	1.00	-1.00	0.00
5,400.0	4.59	285.00	5,361.0	148.7	-554.9	-113.0	1.00	-1.00	0.00
5,500.0	3.59	285.00	5,460.7	150.5	-561.8	-114.4	1.00	-1.00	0.00
5,600.0	2.59	285.00	5,560.6	151.9	-567.0	-115.4	1.00	-1.00	0.00
5,700.0	1.59	285.00	5,660.5	152.9	-570.5	-116.2	1.00	-1.00	0.00
5,800.0	0.59	285.00	5,760.5	153.4	-572.4	-116.5	1.00	-1.00	0.00
5,858.9	0.00	0.00	5,819.4	153.4	-572.7	-116.6	1.00	-1.00	0.00
Start 2483.1 hold at 5858.9 MD									
5,900.0	0.00	0.00	5,860.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,960.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,100.0	0.00	0.00	6,060.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,160.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,260.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,360.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,460.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,560.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,660.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,760.5	153.4	-572.7	-116.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,860.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,960.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,100.0	0.00	0.00	7,060.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,160.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,260.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,360.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,460.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,560.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,660.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,760.5	153.4	-572.7	-116.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,860.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,960.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,060.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,160.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,260.5	153.4	-572.7	-116.6	0.00	0.00	0.00
8,342.0	0.00	0.00	8,302.5	153.4	-572.7	-116.6	0.00	0.00	0.00
Start DLS 12.00 TFO 177.31									
8,400.0	6.96	177.31	8,360.4	149.9	-572.5	-113.1	12.00	12.00	0.00
8,500.0	18.96	177.31	8,457.6	127.6	-571.4	-90.9	12.00	12.00	0.00
8,600.0	30.96	177.31	8,548.1	85.5	-569.5	-49.0	12.00	12.00	0.00
8,700.0	42.96	177.31	8,627.9	25.5	-566.6	10.7	12.00	12.00	0.00
8,737.9	47.51	177.31	8,654.6	-1.3	-565.4	37.4	12.00	12.00	0.00
FTP_ROCK JELLY FED COM 702H									
8,800.0	54.96	177.31	8,693.4	-49.7	-563.1	85.5	12.00	12.00	0.00
8,900.0	66.96	177.31	8,741.9	-136.8	-559.0	172.2	12.00	12.00	0.00
9,000.0	78.96	177.31	8,771.1	-232.2	-554.5	267.1	12.00	12.00	0.00
9,092.0	90.00	177.31	8,780.0	-323.5	-550.2	357.9	12.00	12.00	0.00
Start 4776.5 hold at 9092.0 MD									
9,100.0	90.00	177.31	8,780.0	-331.5	-549.8	365.9	0.00	0.00	0.00
9,200.0	90.00	177.31	8,780.0	-431.4	-545.1	465.3	0.00	0.00	0.00
9,300.0	90.00	177.31	8,780.0	-531.3	-540.4	564.7	0.00	0.00	0.00
9,400.0	90.00	177.31	8,780.0	-631.1	-535.7	664.0	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**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	90.00	177.31	8,780.0	-731.0	-531.0	763.4	0.00	0.00	0.00
9,600.0	90.00	177.31	8,780.0	-830.9	-526.3	862.8	0.00	0.00	0.00
9,700.0	90.00	177.31	8,780.0	-930.8	-521.6	962.2	0.00	0.00	0.00
9,800.0	90.00	177.31	8,780.0	-1,030.7	-516.9	1,061.6	0.00	0.00	0.00
9,900.0	90.00	177.31	8,780.0	-1,130.6	-512.2	1,161.0	0.00	0.00	0.00
10,000.0	90.00	177.31	8,780.0	-1,230.5	-507.5	1,260.4	0.00	0.00	0.00
10,100.0	90.00	177.31	8,780.0	-1,330.4	-502.8	1,359.7	0.00	0.00	0.00
10,200.0	90.00	177.31	8,780.0	-1,430.3	-498.1	1,459.1	0.00	0.00	0.00
10,300.0	90.00	177.31	8,780.0	-1,530.2	-493.4	1,558.5	0.00	0.00	0.00
10,400.0	90.00	177.31	8,780.0	-1,630.0	-488.7	1,657.9	0.00	0.00	0.00
10,500.0	90.00	177.31	8,780.0	-1,729.9	-484.0	1,757.3	0.00	0.00	0.00
10,600.0	90.00	177.31	8,780.0	-1,829.8	-479.3	1,856.7	0.00	0.00	0.00
10,700.0	90.00	177.31	8,780.0	-1,929.7	-474.6	1,956.1	0.00	0.00	0.00
10,800.0	90.00	177.31	8,780.0	-2,029.6	-469.9	2,055.4	0.00	0.00	0.00
10,900.0	90.00	177.31	8,780.0	-2,129.5	-465.2	2,154.8	0.00	0.00	0.00
11,000.0	90.00	177.31	8,780.0	-2,229.4	-460.5	2,254.2	0.00	0.00	0.00
11,100.0	90.00	177.31	8,780.0	-2,329.3	-455.8	2,353.6	0.00	0.00	0.00
11,200.0	90.00	177.31	8,780.0	-2,429.2	-451.1	2,453.0	0.00	0.00	0.00
11,300.0	90.00	177.31	8,780.0	-2,529.0	-446.4	2,552.4	0.00	0.00	0.00
11,400.0	90.00	177.31	8,780.0	-2,628.9	-441.7	2,651.8	0.00	0.00	0.00
11,500.0	90.00	177.31	8,780.0	-2,728.8	-437.0	2,751.2	0.00	0.00	0.00
11,600.0	90.00	177.31	8,780.0	-2,828.7	-432.3	2,850.5	0.00	0.00	0.00
11,700.0	90.00	177.31	8,780.0	-2,928.6	-427.6	2,949.9	0.00	0.00	0.00
11,800.0	90.00	177.31	8,780.0	-3,028.5	-422.9	3,049.3	0.00	0.00	0.00
11,900.0	90.00	177.31	8,780.0	-3,128.4	-418.2	3,148.7	0.00	0.00	0.00
12,000.0	90.00	177.31	8,780.0	-3,228.3	-413.5	3,248.1	0.00	0.00	0.00
12,100.0	90.00	177.31	8,780.0	-3,328.2	-408.8	3,347.5	0.00	0.00	0.00
12,200.0	90.00	177.31	8,780.0	-3,428.1	-404.1	3,446.9	0.00	0.00	0.00
12,300.0	90.00	177.31	8,780.0	-3,527.9	-399.4	3,546.2	0.00	0.00	0.00
12,400.0	90.00	177.31	8,780.0	-3,627.8	-394.7	3,645.6	0.00	0.00	0.00
12,500.0	90.00	177.31	8,780.0	-3,727.7	-390.0	3,745.0	0.00	0.00	0.00
12,600.0	90.00	177.31	8,780.0	-3,827.6	-385.3	3,844.4	0.00	0.00	0.00
12,700.0	90.00	177.31	8,780.0	-3,927.5	-380.6	3,943.8	0.00	0.00	0.00
12,800.0	90.00	177.31	8,780.0	-4,027.4	-375.9	4,043.2	0.00	0.00	0.00
12,900.0	90.00	177.31	8,780.0	-4,127.3	-371.2	4,142.6	0.00	0.00	0.00
13,000.0	90.00	177.31	8,780.0	-4,227.2	-366.5	4,241.9	0.00	0.00	0.00
13,100.0	90.00	177.31	8,780.0	-4,327.1	-361.8	4,341.3	0.00	0.00	0.00
13,200.0	90.00	177.31	8,780.0	-4,426.9	-357.1	4,440.7	0.00	0.00	0.00
13,300.0	90.00	177.31	8,780.0	-4,526.8	-352.4	4,540.1	0.00	0.00	0.00
13,400.0	90.00	177.31	8,780.0	-4,626.7	-347.7	4,639.5	0.00	0.00	0.00
13,500.0	90.00	177.31	8,780.0	-4,726.6	-343.0	4,738.9	0.00	0.00	0.00
13,600.0	90.00	177.31	8,780.0	-4,826.5	-338.3	4,838.3	0.00	0.00	0.00
13,700.0	90.00	177.31	8,780.0	-4,926.4	-333.6	4,937.6	0.00	0.00	0.00
13,800.0	90.00	177.31	8,780.0	-5,026.3	-328.9	5,037.0	0.00	0.00	0.00
LTP_ROCK JELLY FED COM 702H									
13,868.5	90.00	177.31	8,780.0	-5,094.7	-325.7	5,105.1	0.00	0.00	0.00
TD at 13868.5 - PBHL_ROCK JELLY FED COM 702H									

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	**Local Co-ordinate Reference:**	Well ROCK JELLY FEDERAL COM 702H
Company:	DELAWARE BASIN WEST	**TVD Reference:**	KB @ 3002.8usft
Project:	ATLAS PROSPECT (DBW)	**MD Reference:**	KB @ 3002.8usft
Site:	ROCK JELLY FEDERAL PROJECT	**North Reference:**	Grid
Well:	ROCK JELLY FEDERAL COM 702H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP_ROCK JELLY FED - plan misses target center by 18.4usft at 13800.0usft MD (8780.0 TVD, -5026.3 N, -328.9 E) - Circle (radius 50.0)	90.00	179.72	8,780.0	-5,044.7	-328.1	387,346.80	613,257.80	32° 3' 51.856 N	103° 58' 3.809 W
PBHL_ROCK JELLY FE - plan hits target center - Rectangle (sides W100.0 H5,205.2 D20.0)	0.00	359.22	8,780.0	-5,094.7	-325.7	387,296.80	613,260.20	32° 3' 51.361 N	103° 58' 3.783 W
FTP_ROCK JELLY FED - plan misses target center by 166.3usft at 8737.9usft MD (8654.6 TVD, -1.3 N, -565.4 E) - Circle (radius 50.0)	0.00	0.00	8,780.0	107.7	-570.7	392,499.20	613,015.20	32° 4' 42.854 N	103° 58' 6.425 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
13,868.5	8,780.0	5-1/2" Production Casing	5-1/2	6-3/4

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,000.0	1,000.0	0.0	0.0	Start Build 2.00
1,400.0	1,398.7	7.2	-26.9	Start 3658.9 hold at 1400.0 MD
5,058.9	5,022.0	139.0	-518.8	Start Drop -1.00
5,858.9	5,819.4	153.4	-572.7	Start 2483.1 hold at 5858.9 MD
8,342.0	8,302.5	153.4	-572.7	Start DLS 12.00 TFO 177.31
9,092.0	8,780.0	-323.5	-550.2	Start 4776.5 hold at 9092.0 MD
13,868.5	8,780.0	-5,094.7	-325.7	TD at 13868.5

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-47582	13354	Corral Canyon; Bone Spring

Property Code	Property Name	Well Number
329756	ROCK JELLY FEDERAL COM	702H

OGRID No.	Operator Name	Ground Level Elevation
229137	COG OPERATING LLC	2977.8'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
1	3	26-S	29-E		210 FNL	1085 FEL	32.078394°N	103.967093°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
0	3	26-S	29-E		50 FSL	1650 FEL	32.064391°N	103.968200°W	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
160				COM

Order Numbers. Well setbacks are under Common Ownership: ☒Yes ☐No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
1	3	26-S	29-E		210 FNL	1085 FEL	32.078394°N	103.967093°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
2	3	26-S	29-E		100 FNL	1650 FEL	32.078695°N	103.968935°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
0	3	26-S	29-E		100 FSL	1650 FEL	32.064529°N	103.968207°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 2977.8'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature: Stan Wagner Date: 3/19/2024

Printed Name: Stan Wagner

Email Address:

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made be me or under my supervision, and that the same is true and correct to the best of my belief.

CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 8/22/25

Signature and Seal of Professional Suveyor

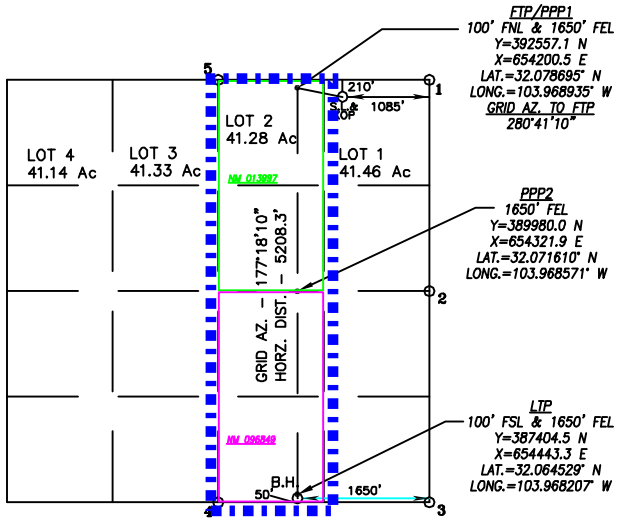
Certificate Number	Date of Survey		
17777	DECEMBER 13, 2021		
	W.O.#25-1093	DRAWN BY: WN	PAGE 1 OF 2

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the divsion.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



NAD 83 NME
SURFACE LOCATION & KOP
Y=392449.4 N
X=654771.2 E
LAT.=32.078394° N
LONG.=103.967093° W

POINT LEGEND	
1	Y=392663.6 N X=655847.3 E
2	Y=389979.3 N X=655973.7 E
3	Y=387297.4 N X=656100.1 E
4	Y=387309.0 N X=653404.4 E
5	Y=392653.1 N X=653204.1 E

NAD 83 NME
PROPOSED BOTTOM
HOLE LOCATION
Y=387354.5 N
X=654445.6 E
LAT.=32.064391° N
LONG.=103.968200° W

PAGE 2 OF 2

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

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/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 384317

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 384317
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Work was performed without OCD approval.	8/25/2025