Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 19, 2023

WELL API NO.
30-015-53832

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
V0-9124-0001

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
DAVID EDELSTEIN STATE COM

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

8. Well Number 123H

2. Name of Operator
MATADOR PRODUCTION COMPANY

9. OGRID Number 228937

3. Address of Operator
5400 LBJ Freeway, Ste 1500, Dallas, TX 75240

10. Pool name or Wildcat
Willow Lake; Bone Spring, West

4. Well Location
Unit Letter ___ 1996 ___ feet from the ___ South ___ line and ___ 330 ___ feet from the ___ EAST ___ line
Section 12 Township 24-S Range 27-E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3089'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Matador is requesting approval to amend its drilling permit and adjust its casing depths as follows. Additional drilling documents and information is being submitted with this C-103.

STRING	FLUID TYPE	HOLE SZ	CSG SZ	CSG GRADE	CSG WT	DEPTH SET	TOP CSG	TTL SX CEMENT	EST TOC
SURF	FRESH WTR	17.5	13.375	J-55	54.50	450	0	400	0
INT 1	Diesel Brine Emulsion	9.875	7.625	P-110	29.70	7134	0	905	0
PROD	OBM/Cutbrine	6.75	5.5	P-110	20.00	18080	0	1040	6934

Matador also requests to run a DV tool and packer on the intermediate string of casing.

Spud Date: _____ Rig Release Date: _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE Vice President and Assistant General Counsel DATE: 7/19/23

Type or print name Kyle Perkins E-mail address: Kperkins@matadorresources.com PHONE: 972-371-5202

For State Use Only

APPROVED BY: Ward Rikala TITLE Petroleum Specialist A DATE 9/29/2023

Conditions of Approval (if any): Yes-please see C-103 approval

Matador Production Company

Rustler Breaks
David Edelstein
David Edelstein State Com #123H

Wellbore #1

Plan: State Plan #1

Standard Planning Report

04 November, 2022

Planning Report

Database:	EDM 5000.14 Server	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3117.5usft
Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Project Rustler Breaks,

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		Using geodetic scale factor

Site David Edelstein

Site Position:		**Northing:**	447,660.00 usft	**Latitude:**	32° 13' 50.090 N
From:	Map	**Easting:**	560,995.00 usft	**Longitude:**	104° 8' 9.877 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.11 °

Well David Edelstein State Com #123H

Well Position	**+N/-S**	-80.0 usft	**Northing:**	447,580.00 usft	**Latitude:**	32° 13' 49.298 N
	+E/-W	0.0 usft	**Easting:**	560,995.00 usft	**Longitude:**	104° 8' 9.878 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,089.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/4/2022	6.63	59.91	47,333.09264957

Design State Plan #1

Audit Notes:

Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	268.54

Plan Survey Tool Program **Date** 11/4/2022

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	18,079.9	State Plan #1 (Wellbore #1)	MWD	
				OWSG MWD - Standard	

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	
1,800.0	8.00	92.86	1,797.4	-2.8	55.7	1.00	1.00	0.00	92.86	
3,146.9	8.00	92.86	3,131.2	-12.1	242.9	0.00	0.00	0.00	0.00	
3,680.2	0.00	0.00	3,662.8	-14.0	280.0	1.50	-1.50	0.00	180.00	
7,234.4	0.00	0.00	7,217.0	-14.0	280.0	0.00	0.00	0.00	0.00	VP - David Edelstein i
8,134.4	90.00	280.05	7,790.0	86.0	-284.1	10.00	10.00	0.00	280.05	
8,756.0	90.00	267.62	7,790.0	127.5	-903.1	2.00	0.00	-2.00	-90.00	
18,079.9	90.00	267.62	7,790.0	-260.0	-10,219.0	0.00	0.00	0.00	0.00	BHL - David Edelstein

Planning Report

Database:	EDM 5000.14 Server	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
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Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
760.0	0.00	0.00	760.0	0.0	0.0	0.0	0.00	0.00	0.00
Castile									
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 1.00									
1,100.0	1.00	92.86	1,100.0	0.0	0.9	-0.9	1.00	1.00	0.00
1,200.0	2.00	92.86	1,200.0	-0.2	3.5	-3.5	1.00	1.00	0.00
1,300.0	3.00	92.86	1,299.9	-0.4	7.8	-7.8	1.00	1.00	0.00
1,400.0	4.00	92.86	1,399.7	-0.7	13.9	-13.9	1.00	1.00	0.00
1,500.0	5.00	92.86	1,499.4	-1.1	21.8	-21.7	1.00	1.00	0.00
1,600.0	6.00	92.86	1,598.9	-1.6	31.3	-31.3	1.00	1.00	0.00
1,700.0	7.00	92.86	1,698.3	-2.1	42.7	-42.6	1.00	1.00	0.00
1,800.0	8.00	92.86	1,797.4	-2.8	55.7	-55.6	1.00	1.00	0.00
Start 1346.9 hold at 1800.0 MD									
1,900.0	8.00	92.86	1,896.4	-3.5	69.6	-69.5	0.00	0.00	0.00
2,000.0	8.00	92.86	1,995.5	-4.2	83.5	-83.4	0.00	0.00	0.00
2,100.0	8.00	92.86	2,094.5	-4.9	97.4	-97.2	0.00	0.00	0.00
2,200.0	8.00	92.86	2,193.5	-5.6	111.3	-111.1	0.00	0.00	0.00
2,300.0	8.00	92.86	2,292.5	-6.3	125.2	-125.0	0.00	0.00	0.00
2,400.0	8.00	92.86	2,391.6	-7.0	139.1	-138.9	0.00	0.00	0.00
2,445.5	8.00	92.86	2,436.6	-7.3	145.4	-145.2	0.00	0.00	0.00
G30:CS14-CSB									
2,454.1	8.00	92.86	2,445.1	-7.3	146.6	-146.4	0.00	0.00	0.00
G26: Bell Cyn.									
2,500.0	8.00	92.86	2,490.6	-7.6	153.0	-152.7	0.00	0.00	0.00
2,600.0	8.00	92.86	2,589.6	-8.3	166.9	-166.6	0.00	0.00	0.00
2,700.0	8.00	92.86	2,688.6	-9.0	180.8	-180.5	0.00	0.00	0.00
2,800.0	8.00	92.86	2,787.7	-9.7	194.7	-194.4	0.00	0.00	0.00
2,900.0	8.00	92.86	2,886.7	-10.4	208.6	-208.3	0.00	0.00	0.00
3,000.0	8.00	92.86	2,985.7	-11.1	222.5	-222.1	0.00	0.00	0.00
3,100.0	8.00	92.86	3,084.8	-11.8	236.4	-236.0	0.00	0.00	0.00
3,146.9	8.00	92.86	3,131.2	-12.1	242.9	-242.5	0.00	0.00	0.00
Start Drop -1.50									
3,200.0	7.20	92.86	3,183.8	-12.5	249.9	-249.5	1.50	-1.50	0.00
3,271.8	6.13	92.86	3,255.1	-12.9	258.2	-257.8	1.50	-1.50	0.00
G13: Cherry Cyn.									
3,300.0	5.70	92.86	3,283.2	-13.1	261.1	-260.7	1.50	-1.50	0.00
3,400.0	4.20	92.86	3,382.8	-13.5	269.8	-269.3	1.50	-1.50	0.00
3,500.0	2.70	92.86	3,482.6	-13.8	275.8	-275.3	1.50	-1.50	0.00
3,600.0	1.20	92.86	3,582.6	-14.0	279.2	-278.7	1.50	-1.50	0.00
3,680.2	0.00	0.00	3,662.8	-14.0	280.0	-279.6	1.50	-1.50	0.00
Start 3554.2 hold at 3680.2 MD									
3,700.0	0.00	0.00	3,682.6	-14.0	280.0	-279.6	0.00	0.00	0.00
3,800.0	0.00	0.00	3,782.6	-14.0	280.0	-279.6	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3117.5usft
Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,900.0	0.00	0.00	3,882.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,000.0	0.00	0.00	3,982.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,100.0	0.00	0.00	4,082.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,200.0	0.00	0.00	4,182.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,300.0	0.00	0.00	4,282.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,340.1	0.00	0.00	4,322.6	-14.0	280.0	-279.6	0.00	0.00	0.00
G7: Brushy Cyn.									
4,400.0	0.00	0.00	4,382.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,482.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,582.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,700.0	0.00	0.00	4,682.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,782.6	-14.0	280.0	-279.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,882.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,982.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,100.0	0.00	0.00	5,082.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,200.0	0.00	0.00	5,182.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,282.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,382.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,482.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,582.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,682.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,782.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,900.0	0.00	0.00	5,882.6	-14.0	280.0	-279.6	0.00	0.00	0.00
5,930.4	0.00	0.00	5,913.0	-14.0	280.0	-279.6	0.00	0.00	0.00
G4: BSGL (CS9)									
6,000.0	0.00	0.00	5,982.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,100.0	0.00	0.00	6,082.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,182.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,282.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,382.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,482.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,582.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,614.7	0.00	0.00	6,597.3	-14.0	280.0	-279.6	0.00	0.00	0.00
L5.3: FBSC									
6,700.0	0.00	0.00	6,682.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,782.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,882.6	-14.0	280.0	-279.6	0.00	0.00	0.00
6,922.3	0.00	0.00	6,904.8	-14.0	280.0	-279.6	0.00	0.00	0.00
L5.1: FBSG									
6,923.7	0.00	0.00	6,906.3	-14.0	280.0	-279.6	0.00	0.00	0.00
L5.1: FBSG									
7,000.0	0.00	0.00	6,982.6	-14.0	280.0	-279.6	0.00	0.00	0.00
7,100.0	0.00	0.00	7,082.6	-14.0	280.0	-279.6	0.00	0.00	0.00
7,195.4	0.00	0.00	7,178.0	-14.0	280.0	-279.6	0.00	0.00	0.00
L4.3: SBSC									
7,200.0	0.00	0.00	7,182.6	-14.0	280.0	-279.6	0.00	0.00	0.00
7,234.4	0.00	0.00	7,217.0	-14.0	280.0	-279.6	0.00	0.00	0.00
Start Build 10.00 - VP - David Edelstein #123H									
7,250.0	1.56	280.05	7,232.6	-14.0	279.8	-279.4	10.00	10.00	0.00
7,300.0	6.56	280.05	7,282.4	-13.3	276.3	-275.9	10.00	10.00	0.00
7,350.0	11.56	280.05	7,331.8	-12.0	268.6	-268.2	10.00	10.00	0.00
7,400.0	16.56	280.05	7,380.3	-9.9	256.6	-256.3	10.00	10.00	0.00
7,450.0	21.56	280.05	7,427.5	-7.0	240.6	-240.3	10.00	10.00	0.00

Planning Report

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Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,500.0	26.56	280.05	7,473.2	-3.5	220.5	-220.4	10.00	10.00	0.00
7,550.0	31.56	280.05	7,516.9	0.8	196.6	-196.6	10.00	10.00	0.00
7,600.0	36.56	280.05	7,558.3	5.7	169.0	-169.1	10.00	10.00	0.00
7,650.0	41.56	280.05	7,597.1	11.2	138.0	-138.3	10.00	10.00	0.00
7,670.3	43.58	280.05	7,612.0	13.6	124.5	-124.8	10.00	10.00	0.00
L4.1: SBSG									
7,700.0	46.56	280.05	7,633.0	17.2	103.8	-104.2	10.00	10.00	0.00
7,704.9	47.05	280.05	7,636.3	17.9	100.3	-100.7	10.00	10.00	0.00
FTP - David Edelstein #123H									
7,750.0	51.56	280.05	7,665.8	23.8	66.6	-67.2	10.00	10.00	0.00
7,800.0	56.56	280.05	7,695.1	30.9	26.8	-27.6	10.00	10.00	0.00
7,850.0	61.56	280.05	7,720.8	38.4	-15.4	14.4	10.00	10.00	0.00
7,900.0	66.56	280.05	7,742.7	46.2	-59.7	58.5	10.00	10.00	0.00
7,950.0	71.56	280.05	7,760.5	54.4	-105.6	104.2	10.00	10.00	0.00
8,000.0	76.56	280.05	7,774.3	62.7	-153.0	151.3	10.00	10.00	0.00
8,050.0	81.56	280.05	7,783.7	71.3	-201.3	199.4	10.00	10.00	0.00
8,100.0	86.56	280.05	7,788.9	80.0	-250.2	248.1	10.00	10.00	0.00
8,134.4	90.00	280.05	7,790.0	86.0	-284.1	281.9	10.00	10.00	0.00
Start DLS 2.00 TFO -90.00									
8,200.0	90.00	278.74	7,790.0	96.7	-348.8	346.2	2.00	0.00	-2.00
8,300.0	90.00	276.74	7,790.0	110.2	-447.9	445.0	2.00	0.00	-2.00
8,400.0	90.00	274.74	7,790.0	120.1	-547.4	544.2	2.00	0.00	-2.00
8,500.0	90.00	272.74	7,790.0	126.7	-647.2	643.7	2.00	0.00	-2.00
8,600.0	90.00	270.74	7,790.0	129.7	-747.1	743.6	2.00	0.00	-2.00
8,700.0	90.00	268.74	7,790.0	129.2	-847.1	843.6	2.00	0.00	-2.00
8,756.0	90.00	267.62	7,790.0	127.5	-903.1	899.6	2.00	0.00	-2.00
Start 9323.9 hold at 8756.0 MD									
8,800.0	90.00	267.62	7,790.0	125.6	-947.1	943.6	0.00	0.00	0.00
8,900.0	90.00	267.62	7,790.0	121.5	-1,047.0	1,043.5	0.00	0.00	0.00
9,000.0	90.00	267.62	7,790.0	117.3	-1,146.9	1,143.5	0.00	0.00	0.00
9,100.0	90.00	267.62	7,790.0	113.2	-1,246.8	1,243.5	0.00	0.00	0.00
9,200.0	90.00	267.62	7,790.0	109.0	-1,346.7	1,343.5	0.00	0.00	0.00
9,300.0	90.00	267.62	7,790.0	104.9	-1,446.6	1,443.5	0.00	0.00	0.00
9,400.0	90.00	267.62	7,790.0	100.7	-1,546.5	1,543.5	0.00	0.00	0.00
9,500.0	90.00	267.62	7,790.0	96.5	-1,646.4	1,643.5	0.00	0.00	0.00
9,600.0	90.00	267.62	7,790.0	92.4	-1,746.4	1,743.4	0.00	0.00	0.00
9,700.0	90.00	267.62	7,790.0	88.2	-1,846.3	1,843.4	0.00	0.00	0.00
9,800.0	90.00	267.62	7,790.0	84.1	-1,946.2	1,943.4	0.00	0.00	0.00
9,900.0	90.00	267.62	7,790.0	79.9	-2,046.1	2,043.4	0.00	0.00	0.00
10,000.0	90.00	267.62	7,790.0	75.8	-2,146.0	2,143.4	0.00	0.00	0.00
10,100.0	90.00	267.62	7,790.0	71.6	-2,245.9	2,243.4	0.00	0.00	0.00
10,200.0	90.00	267.62	7,790.0	67.5	-2,345.8	2,343.4	0.00	0.00	0.00
10,300.0	90.00	267.62	7,790.0	63.3	-2,445.8	2,443.4	0.00	0.00	0.00
10,400.0	90.00	267.62	7,790.0	59.1	-2,545.7	2,543.3	0.00	0.00	0.00
10,500.0	90.00	267.62	7,790.0	55.0	-2,645.6	2,643.3	0.00	0.00	0.00
10,600.0	90.00	267.62	7,790.0	50.8	-2,745.5	2,743.3	0.00	0.00	0.00
10,700.0	90.00	267.62	7,790.0	46.7	-2,845.4	2,843.3	0.00	0.00	0.00
10,800.0	90.00	267.62	7,790.0	42.5	-2,945.3	2,943.3	0.00	0.00	0.00
10,900.0	90.00	267.62	7,790.0	38.4	-3,045.2	3,043.3	0.00	0.00	0.00
11,000.0	90.00	267.62	7,790.0	34.2	-3,145.2	3,143.3	0.00	0.00	0.00
11,100.0	90.00	267.62	7,790.0	30.1	-3,245.1	3,243.3	0.00	0.00	0.00
11,200.0	90.00	267.62	7,790.0	25.9	-3,345.0	3,343.2	0.00	0.00	0.00
11,300.0	90.00	267.62	7,790.0	21.7	-3,444.9	3,443.2	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3117.5usft
Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,400.0	90.00	267.62	7,790.0	17.6	-3,544.8	3,543.2	0.00	0.00	0.00
11,500.0	90.00	267.62	7,790.0	13.4	-3,644.7	3,643.2	0.00	0.00	0.00
11,600.0	90.00	267.62	7,790.0	9.3	-3,744.6	3,743.2	0.00	0.00	0.00
11,700.0	90.00	267.62	7,790.0	5.1	-3,844.5	3,843.2	0.00	0.00	0.00
11,800.0	90.00	267.62	7,790.0	1.0	-3,944.5	3,943.2	0.00	0.00	0.00
11,900.0	90.00	267.62	7,790.0	-3.2	-4,044.4	4,043.1	0.00	0.00	0.00
12,000.0	90.00	267.62	7,790.0	-7.3	-4,144.3	4,143.1	0.00	0.00	0.00
12,100.0	90.00	267.62	7,790.0	-11.5	-4,244.2	4,243.1	0.00	0.00	0.00
12,200.0	90.00	267.62	7,790.0	-15.7	-4,344.1	4,343.1	0.00	0.00	0.00
12,300.0	90.00	267.62	7,790.0	-19.8	-4,444.0	4,443.1	0.00	0.00	0.00
12,400.0	90.00	267.62	7,790.0	-24.0	-4,543.9	4,543.1	0.00	0.00	0.00
12,500.0	90.00	267.62	7,790.0	-28.1	-4,643.9	4,643.1	0.00	0.00	0.00
12,600.0	90.00	267.62	7,790.0	-32.3	-4,743.8	4,743.1	0.00	0.00	0.00
12,700.0	90.00	267.62	7,790.0	-36.4	-4,843.7	4,843.0	0.00	0.00	0.00
12,800.0	90.00	267.62	7,790.0	-40.6	-4,943.6	4,943.0	0.00	0.00	0.00
12,900.0	90.00	267.62	7,790.0	-44.7	-5,043.5	5,043.0	0.00	0.00	0.00
13,000.0	90.00	267.62	7,790.0	-48.9	-5,143.4	5,143.0	0.00	0.00	0.00
13,100.0	90.00	267.62	7,790.0	-53.1	-5,243.3	5,243.0	0.00	0.00	0.00
13,200.0	90.00	267.62	7,790.0	-57.2	-5,343.3	5,343.0	0.00	0.00	0.00
13,300.0	90.00	267.62	7,790.0	-61.4	-5,443.2	5,443.0	0.00	0.00	0.00
13,400.0	90.00	267.62	7,790.0	-65.5	-5,543.1	5,543.0	0.00	0.00	0.00
13,500.0	90.00	267.62	7,790.0	-69.7	-5,643.0	5,642.9	0.00	0.00	0.00
13,600.0	90.00	267.62	7,790.0	-73.8	-5,742.9	5,742.9	0.00	0.00	0.00
13,700.0	90.00	267.62	7,790.0	-78.0	-5,842.8	5,842.9	0.00	0.00	0.00
13,800.0	90.00	267.62	7,790.0	-82.1	-5,942.7	5,942.9	0.00	0.00	0.00
13,900.0	90.00	267.62	7,790.0	-86.3	-6,042.6	6,042.9	0.00	0.00	0.00
14,000.0	90.00	267.62	7,790.0	-90.5	-6,142.6	6,142.9	0.00	0.00	0.00
14,100.0	90.00	267.62	7,790.0	-94.6	-6,242.5	6,242.9	0.00	0.00	0.00
14,200.0	90.00	267.62	7,790.0	-98.8	-6,342.4	6,342.8	0.00	0.00	0.00
14,300.0	90.00	267.62	7,790.0	-102.9	-6,442.3	6,442.8	0.00	0.00	0.00
14,400.0	90.00	267.62	7,790.0	-107.1	-6,542.2	6,542.8	0.00	0.00	0.00
14,500.0	90.00	267.62	7,790.0	-111.2	-6,642.1	6,642.8	0.00	0.00	0.00
14,600.0	90.00	267.62	7,790.0	-115.4	-6,742.0	6,742.8	0.00	0.00	0.00
14,700.0	90.00	267.62	7,790.0	-119.5	-6,842.0	6,842.8	0.00	0.00	0.00
14,800.0	90.00	267.62	7,790.0	-123.7	-6,941.9	6,942.8	0.00	0.00	0.00
14,900.0	90.00	267.62	7,790.0	-127.9	-7,041.8	7,042.8	0.00	0.00	0.00
15,000.0	90.00	267.62	7,790.0	-132.0	-7,141.7	7,142.7	0.00	0.00	0.00
15,100.0	90.00	267.62	7,790.0	-136.2	-7,241.6	7,242.7	0.00	0.00	0.00
15,200.0	90.00	267.62	7,790.0	-140.3	-7,341.5	7,342.7	0.00	0.00	0.00
15,300.0	90.00	267.62	7,790.0	-144.5	-7,441.4	7,442.7	0.00	0.00	0.00
15,400.0	90.00	267.62	7,790.0	-148.6	-7,541.4	7,542.7	0.00	0.00	0.00
15,500.0	90.00	267.62	7,790.0	-152.8	-7,641.3	7,642.7	0.00	0.00	0.00
15,600.0	90.00	267.62	7,790.0	-156.9	-7,741.2	7,742.7	0.00	0.00	0.00
15,700.0	90.00	267.62	7,790.0	-161.1	-7,841.1	7,842.7	0.00	0.00	0.00
15,800.0	90.00	267.62	7,790.0	-165.3	-7,941.0	7,942.6	0.00	0.00	0.00
15,900.0	90.00	267.62	7,790.0	-169.4	-8,040.9	8,042.6	0.00	0.00	0.00
16,000.0	90.00	267.62	7,790.0	-173.6	-8,140.8	8,142.6	0.00	0.00	0.00
16,100.0	90.00	267.62	7,790.0	-177.7	-8,240.7	8,242.6	0.00	0.00	0.00
16,200.0	90.00	267.62	7,790.0	-181.9	-8,340.7	8,342.6	0.00	0.00	0.00
16,300.0	90.00	267.62	7,790.0	-186.0	-8,440.6	8,442.6	0.00	0.00	0.00
16,400.0	90.00	267.62	7,790.0	-190.2	-8,540.5	8,542.6	0.00	0.00	0.00
16,500.0	90.00	267.62	7,790.0	-194.3	-8,640.4	8,642.5	0.00	0.00	0.00
16,600.0	90.00	267.62	7,790.0	-198.5	-8,740.3	8,742.5	0.00	0.00	0.00
16,700.0	90.00	267.62	7,790.0	-202.7	-8,840.2	8,842.5	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3117.5usft
Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,800.0	90.00	267.62	7,790.0	-206.8	-8,940.1	8,942.5	0.00	0.00	0.00
16,900.0	90.00	267.62	7,790.0	-211.0	-9,040.1	9,042.5	0.00	0.00	0.00
17,000.0	90.00	267.62	7,790.0	-215.1	-9,140.0	9,142.5	0.00	0.00	0.00
17,100.0	90.00	267.62	7,790.0	-219.3	-9,239.9	9,242.5	0.00	0.00	0.00
17,200.0	90.00	267.62	7,790.0	-223.4	-9,339.8	9,342.5	0.00	0.00	0.00
17,300.0	90.00	267.62	7,790.0	-227.6	-9,439.7	9,442.4	0.00	0.00	0.00
17,400.0	90.00	267.62	7,790.0	-231.7	-9,539.6	9,542.4	0.00	0.00	0.00
17,500.0	90.00	267.62	7,790.0	-235.9	-9,639.5	9,642.4	0.00	0.00	0.00
17,600.0	90.00	267.62	7,790.0	-240.1	-9,739.5	9,742.4	0.00	0.00	0.00
17,700.0	90.00	267.62	7,790.0	-244.2	-9,839.4	9,842.4	0.00	0.00	0.00
17,800.0	90.00	267.62	7,790.0	-248.4	-9,939.3	9,942.4	0.00	0.00	0.00
17,900.0	90.00	267.62	7,790.0	-252.5	-10,039.2	10,042.4	0.00	0.00	0.00
18,000.0	90.00	267.62	7,790.0	-256.7	-10,139.1	10,142.4	0.00	0.00	0.00
18,079.9	90.00	267.62	7,790.0	-260.0	-10,219.0	10,222.3	0.00	0.00	0.00
TD at 18079.9 - BHL - David Edelstein #123H									

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
VP - David Edelstein #1 - plan hits target center - Point	0.00	0.01	7,217.0	-14.0	280.0	447,566.00	561,275.00	32° 13' 49.154 N	104° 8' 6.619 W
BHL - David Edelstein # - plan hits target center - Point	0.00	0.00	7,790.0	-260.0	-10,219.0	447,320.00	550,776.00	32° 13' 46.895 N	104° 10' 8.855 W
FTP - David Edelstein # - plan misses target center by 203.6usft at 7704.9usft MD (7636.3 TVD, 17.9 N, 100.3 E) - Point	0.00	0.00	7,790.0	-14.0	230.0	447,566.00	561,225.00	32° 13' 49.155 N	104° 8' 7.201 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
760.0	760.0	Castile		0.00	267.62
2,445.5	2,436.6	G30:CS14-CSB		0.00	267.62
2,454.1	2,445.1	G26: Bell Cyn.		0.00	267.62
3,271.8	3,255.1	G13: Cherry Cyn.		0.00	267.62
4,340.1	4,322.6	G7: Brushy Cyn.		0.00	267.62
5,930.4	5,913.0	G4: BSGL (CS9)		0.00	267.62
6,614.7	6,597.3	L5.3: FBSC		0.00	267.62
6,922.3	6,904.8	L5.1: FBSG		0.00	267.62
6,923.7	6,906.3	L5.1: FBSG		0.00	267.62
7,195.4	7,178.0	L4.3: SBSC		0.00	267.62
7,670.3	7,612.0	L4.1: SBSG		0.00	267.62

Planning Report

Database:	EDM 5000.14 Server	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3117.5usft
Project:	Rustler Breaks	**MD Reference:**	KB @ 3117.5usft
Site:	David Edelstein	**North Reference:**	Grid
Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
1,000.0	1,000.0	0.0	0.0	Start Build 1.00
1,800.0	1,797.4	-2.8	55.7	Start 1346.9 hold at 1800.0 MD
3,146.9	3,131.2	-12.1	242.9	Start Drop -1.50
3,680.2	3,662.8	-14.0	280.0	Start 3554.2 hold at 3680.2 MD
7,234.4	7,217.0	-14.0	280.0	Start Build 10.00
8,134.4	7,790.0	86.0	-284.1	Start DLS 2.00 TFO -90.00
8,756.0	7,790.0	127.5	-903.1	Start 9323.9 hold at 8756.0 MD
18,079.9	7,790.0	-260.0	-10,219.0	TD at 18079.9

Matador Production Company

Rustler Breaks
David Edelstein
David Edelstein State Com #123H

Wellbore #1
State Plan #1

Anticollision Report

04 November, 2022

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Reference State Plan #1

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 11/4/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	18,079.9	State Plan #1 (Wellbore #1)	MWD	OWSG MWD - Standard

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
David Edelstein						
David Edelstein #203H - Wellbore #1 - Actual	0.0	0.0	110.2			
David Edelstein #203H - Wellbore #1 - Actual	300.0	299.3	110.6	109.1	73.689	ES
David Edelstein #203H - Wellbore #1 - Actual	7,500.0	7,485.6	264.4	211.4	4.992	SF
David Edelstein #223 - OH - Actual	5,466.2	5,464.0	53.2	12.7	1.312	Level 3, CC
David Edelstein #223 - OH - Actual	5,500.0	5,497.5	53.3	12.5	1.306	Level 3, ES, SF
David Edelstein State Com #113H - Wellbore #1 - State P	1,438.7	1,436.9	26.4	16.7	2.727	CC
David Edelstein State Com #113H - Wellbore #1 - State P	1,500.0	1,497.8	26.8	16.7	2.648	ES, SF
David Edelstein State Com #114H - Wellbore #1 - State P	500.0	500.0	42.4	39.3	13.582	CC, ES
David Edelstein State Com #114H - Wellbore #1 - State P	18,080.6	17,388.3	1,829.9	1,365.6	3.941	SF
David Edelstein State Com #124H - Wellbore #1 - State	500.0	500.0	30.0	26.9	9.604	CC, ES
David Edelstein State Com #124H - Wellbore #1 - State	18,079.9	18,100.6	1,319.9	812.4	2.601	SF

Offset Design David Edelstein - David Edelstein #203H - Wellbore #1 - Actual

Survey Program: 202-MWD

Offset Site Error: 0.0 usft

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.33	110.2	0.6	110.2				
100.0	100.0	100.0	100.0	0.1	0.2	0.37	110.2	0.7	110.2	109.9	0.28	390.692	
200.0	200.0	200.0	200.0	0.5	0.3	0.51	110.2	1.0	110.2	109.4	0.79	138.750	
300.0	300.0	299.3	299.3	0.8	0.7	0.64	110.6	1.2	110.6	109.1	1.50	73.689	ES
400.0	400.0	398.6	398.6	1.2	1.0	0.68	111.5	1.3	111.5	109.3	2.21	50.436	
500.0	500.0	498.8	498.8	1.6	1.4	0.65	112.6	1.3	112.6	109.7	2.92	38.549	
600.0	600.0	599.1	599.1	1.9	1.7	0.61	113.5	1.2	113.5	109.9	3.64	31.221	
700.0	700.0	699.5	699.5	2.3	2.1	0.67	114.1	1.3	114.2	109.8	4.35	26.227	
800.0	800.0	798.4	798.4	2.6	2.4	1.14	115.1	2.3	115.1	110.1	5.07	22.727	
900.0	900.0	897.7	897.6	3.0	2.8	2.23	116.8	4.6	116.9	111.1	5.78	20.232	
1,000.0	1,000.0	997.8	997.7	3.4	3.1	3.67	118.6	7.6	118.9	112.4	6.50	18.306	
1,100.0	1,100.0	1,097.5	1,097.2	3.7	3.5	-87.90	120.3	11.3	120.8	113.6	7.20	16.778	
1,200.0	1,200.0	1,196.0	1,195.6	4.0	3.9	-86.84	122.7	16.3	123.6	115.7	7.90	15.645	
1,300.0	1,299.9	1,295.5	1,294.8	4.4	4.2	-86.01	125.9	22.8	127.3	118.7	8.61	14.788	
1,400.0	1,399.7	1,396.1	1,395.3	4.7	4.6	-86.30	129.0	28.6	130.6	121.2	9.33	14.000	
1,500.0	1,499.4	1,496.6	1,495.6	5.1	5.0	-87.74	131.6	33.4	133.2	123.2	10.05	13.260	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #203H - Wellbore #1 - Actual

Offset Site Error: 0.0 usft

Survey Program: 202-MWD

Offset Well Error: 0.0 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
1,600.0	1,598.9	1,596.9	1,595.8	5.5	5.3	-89.99	133.9	37.8	135.6	124.9	10.77	12.587	
1,700.0	1,698.3	1,696.7	1,695.5	5.8	5.7	-92.79	135.9	42.4	138.1	126.5	11.51	11.996	
1,800.0	1,797.4	1,796.5	1,795.0	6.2	6.0	-95.64	137.9	48.4	140.9	128.7	12.25	11.503	
1,900.0	1,896.4	1,897.3	1,895.6	6.6	6.4	-98.45	139.6	55.3	143.8	130.8	13.00	11.060	
2,000.0	1,995.5	1,998.4	1,996.5	7.0	6.8	-101.20	140.4	62.2	146.1	132.4	13.76	10.621	
2,100.0	2,094.5	2,097.1	2,094.9	7.4	7.2	-103.61	141.1	69.4	148.7	134.2	14.51	10.244	
2,200.0	2,193.5	2,195.8	2,193.3	7.8	7.5	-105.47	142.8	77.7	152.2	136.9	15.27	9.965	
2,300.0	2,292.5	2,294.2	2,291.3	8.2	7.9	-107.21	145.3	85.8	156.6	140.6	16.03	9.770	
2,400.0	2,391.6	2,393.0	2,389.7	8.6	8.3	-109.10	148.4	93.1	162.0	145.3	16.79	9.654	
2,500.0	2,490.6	2,493.2	2,489.7	9.0	8.6	-111.15	151.3	99.7	167.7	150.1	17.55	9.554	
2,600.0	2,589.6	2,592.8	2,589.1	9.4	9.0	-113.40	153.8	105.4	173.4	155.1	18.30	9.476	
2,700.0	2,688.6	2,692.7	2,688.9	9.8	9.4	-115.57	156.1	110.9	179.3	160.3	19.06	9.411	
2,800.0	2,787.7	2,791.8	2,787.8	10.2	9.7	-117.55	158.4	116.6	185.4	165.6	19.81	9.361	
2,900.0	2,886.7	2,889.7	2,885.4	10.6	10.1	-119.20	161.5	122.4	192.4	171.8	20.55	9.362	
3,000.0	2,985.7	2,988.6	2,984.0	11.0	10.5	-120.57	165.7	128.4	200.3	179.0	21.30	9.403	
3,100.0	3,084.8	3,088.4	3,083.6	11.4	10.8	-121.83	169.9	134.6	208.3	186.2	22.06	9.442	
3,146.9	3,131.2	3,135.2	3,130.3	11.6	11.0	-122.38	171.8	137.5	212.0	189.6	22.41	9.459	
3,200.0	3,183.8	3,187.9	3,182.8	11.8	11.2	-122.97	174.0	140.8	216.1	193.2	22.81	9.473	
3,300.0	3,283.2	3,287.2	3,281.8	12.2	11.6	-123.67	178.0	146.5	222.8	199.3	23.55	9.459	
3,400.0	3,382.8	3,386.8	3,381.2	12.6	12.0	-123.82	182.1	152.0	228.3	204.0	24.30	9.396	
3,500.0	3,482.6	3,486.4	3,480.5	13.0	12.3	-123.39	186.3	157.6	232.4	207.4	25.04	9.284	
3,600.0	3,582.6	3,585.6	3,579.5	13.3	12.7	-122.43	190.7	163.0	235.4	209.6	25.77	9.135	
3,680.2	3,662.8	3,665.1	3,658.8	13.6	13.0	-28.48	194.3	167.0	237.0	210.7	26.35	8.996	
3,700.0	3,682.6	3,684.7	3,678.4	13.7	13.1	-28.17	195.2	168.0	237.4	210.9	26.49	8.961	
3,800.0	3,782.6	3,786.4	3,779.8	14.0	13.4	-26.59	199.6	173.1	238.8	211.6	27.23	8.772	
3,900.0	3,882.6	3,888.1	3,881.3	14.3	13.8	-24.96	203.3	178.9	239.7	211.7	27.96	8.571	
4,000.0	3,982.6	3,988.0	3,981.0	14.6	14.2	-23.33	206.6	184.9	240.3	211.6	28.69	8.377	
4,100.0	4,082.6	4,087.8	4,080.6	15.0	14.6	-21.69	209.9	191.0	241.0	211.6	29.41	8.195	
4,200.0	4,182.6	4,187.0	4,179.5	15.3	14.9	-20.10	213.3	196.9	242.1	211.9	30.13	8.034	
4,300.0	4,282.6	4,286.5	4,278.8	15.7	15.3	-18.58	216.8	202.5	243.5	212.7	30.85	7.894	
4,400.0	4,382.6	4,386.6	4,378.7	16.0	15.7	-17.15	220.2	207.8	245.1	213.5	31.57	7.764	
4,500.0	4,482.6	4,486.3	4,478.2	16.3	16.0	-15.80	223.3	212.9	246.7	214.4	32.28	7.642	
4,600.0	4,582.6	4,585.6	4,577.3	16.7	16.4	-14.42	226.8	218.1	248.6	215.6	32.99	7.536	
4,700.0	4,682.6	4,686.1	4,677.6	17.0	16.8	-12.95	230.4	223.8	250.8	217.1	33.72	7.438	
4,800.0	4,782.6	4,787.3	4,778.5	17.3	17.2	-11.29	233.7	230.6	252.6	218.1	34.45	7.333	
4,900.0	4,882.6	4,887.6	4,878.5	17.7	17.5	-9.52	236.6	238.0	254.1	219.0	35.17	7.226	
5,000.0	4,982.6	4,987.6	4,978.2	18.0	17.9	-7.81	239.4	245.3	255.8	219.9	35.89	7.127	
5,100.0	5,082.6	5,087.3	5,077.6	18.4	18.3	-6.19	242.1	252.3	257.6	221.0	36.61	7.037	
5,200.0	5,182.6	5,187.0	5,177.0	18.7	18.7	-4.67	244.7	258.9	259.6	222.3	37.32	6.957	
5,300.0	5,282.6	5,287.0	5,276.8	19.1	19.0	-3.25	247.3	265.2	261.8	223.8	38.04	6.883	
5,400.0	5,382.6	5,387.2	5,376.8	19.4	19.4	-1.90	249.8	271.3	264.0	225.3	38.75	6.814	
5,500.0	5,482.6	5,488.7	5,478.1	19.8	19.8	-0.71	251.9	276.7	266.0	226.5	39.47	6.739	
5,600.0	5,582.6	5,589.5	5,578.8	20.1	20.2	0.27	253.4	281.3	267.4	227.2	40.18	6.656	
5,700.0	5,682.6	5,688.6	5,677.9	20.4	20.5	0.93	254.9	284.4	269.0	228.1	40.87	6.580	
5,800.0	5,782.6	5,788.9	5,778.2	20.8	20.9	1.25	256.7	285.9	270.8	229.2	41.57	6.513	
5,900.0	5,882.6	5,889.8	5,879.0	21.1	21.2	1.06	258.1	285.1	272.1	229.9	42.26	6.441	
6,000.0	5,982.6	5,990.3	5,979.4	21.5	21.5	0.66	259.4	283.2	273.4	230.5	42.93	6.369	
6,100.0	6,082.6	6,091.0	6,080.2	21.8	21.8	0.11	260.4	280.6	274.4	230.8	43.60	6.294	
6,200.0	6,182.6	6,193.7	6,182.8	22.2	22.2	-0.44	260.9	277.9	274.9	230.6	44.27	6.209	
6,300.0	6,282.6	6,294.0	6,283.0	22.5	22.5	-0.71	260.7	276.6	274.7	229.7	44.94	6.112	
6,400.0	6,382.6	6,394.9	6,384.0	22.9	22.8	-0.62	260.4	277.1	274.4	228.8	45.62	6.014	
6,500.0	6,482.6	6,495.6	6,484.7	23.2	23.2	-0.29	259.7	278.7	273.7	227.4	46.32	5.910	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #203H - Wellbore #1 - Actual

Offset Site Error: 0.0 usft

Survey Program: 202-MWD

Offset Well Error: 0.0 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
6,600.0	6,582.6	6,595.6	6,584.7	23.6	23.5	0.04	258.9	280.2	273.0	225.9	47.01	5.806	
6,700.0	6,682.6	6,694.8	6,683.8	23.9	23.9	0.23	258.4	281.1	272.4	224.7	47.70	5.710	
6,800.0	6,782.6	6,795.2	6,784.2	24.3	24.2	0.35	257.8	281.7	271.8	223.4	48.39	5.616	
6,900.0	6,882.6	6,894.2	6,883.3	24.6	24.5	0.44	257.4	282.1	271.4	222.4	49.08	5.530	
7,000.0	6,982.6	6,995.7	6,984.8	25.0	24.9	0.66	256.9	283.2	270.9	221.2	49.78	5.442	
7,100.0	7,082.6	7,096.6	7,085.6	25.3	25.2	0.98	255.8	284.7	269.8	219.4	50.48	5.346	
7,200.0	7,182.6	7,194.9	7,183.9	25.7	25.6	1.12	254.9	285.3	269.0	217.8	51.17	5.256	
7,234.4	7,217.0	7,228.3	7,217.4	25.8	25.7	1.16	254.8	285.5	268.9	217.5	51.41	5.230	
7,250.0	7,232.6	7,243.5	7,232.5	25.8	25.7	81.17	254.8	285.5	268.8	217.3	51.51	5.219	
7,300.0	7,282.4	7,294.3	7,283.3	26.0	25.9	82.03	254.7	285.7	268.2	216.4	51.84	5.174	
7,350.0	7,331.8	7,344.8	7,333.8	26.2	26.1	83.87	254.4	285.8	267.0	214.8	52.15	5.119	
7,400.0	7,380.3	7,394.8	7,383.8	26.3	26.2	86.64	253.9	285.8	265.4	213.0	52.44	5.061	
7,450.0	7,427.5	7,442.5	7,431.5	26.4	26.4	90.13	253.2	285.8	264.1	211.4	52.71	5.011	
7,469.8	7,445.8	7,459.7	7,448.7	26.5	26.5	91.58	253.0	285.7	264.0	211.2	52.81	4.998	
7,500.0	7,473.2	7,485.6	7,474.6	26.6	26.5	93.89	252.8	285.6	264.4	211.4	52.96	4.992	SF
7,550.0	7,516.9	7,527.1	7,516.1	26.7	26.7	97.89	252.8	285.3	267.2	214.0	53.19	5.023	
7,600.0	7,558.3	7,570.5	7,559.5	26.8	26.8	102.34	253.0	284.9	273.1	219.7	53.40	5.114	
7,650.0	7,597.1	7,611.2	7,600.2	27.0	26.9	106.57	252.8	284.4	282.6	229.0	53.59	5.273	
7,700.0	7,633.0	7,645.9	7,634.9	27.1	27.1	109.88	252.6	284.1	296.5	242.7	53.77	5.514	
7,750.0	7,665.8	7,676.4	7,665.4	27.3	27.2	112.30	252.6	284.0	315.6	261.6	53.95	5.849	
7,800.0	7,695.1	7,703.4	7,692.4	27.5	27.3	113.78	252.7	284.0	339.7	285.6	54.11	6.278	
7,850.0	7,720.8	7,728.0	7,717.0	27.7	27.3	114.37	252.9	284.2	368.5	314.3	54.26	6.792	
7,900.0	7,742.7	7,749.7	7,738.7	27.9	27.4	113.88	253.1	284.4	401.5	347.1	54.39	7.382	
7,950.0	7,760.5	7,767.4	7,756.4	28.2	27.5	112.00	253.2	284.5	437.9	383.4	54.50	8.036	
8,000.0	7,774.3	7,780.9	7,769.9	28.5	27.5	108.48	253.3	284.6	477.3	422.7	54.58	8.744	
8,050.0	7,783.7	7,790.2	7,779.2	28.9	27.6	103.03	253.4	284.6	518.9	464.3	54.65	9.496	
8,100.0	7,788.9	7,795.2	7,784.2	29.3	27.6	95.43	253.4	284.7	562.4	507.7	54.69	10.283	
8,134.4	7,790.0	7,796.1	7,785.1	29.6	27.6	88.95	253.4	284.7	593.0	538.3	54.70	10.839	
8,200.0	7,790.0	7,795.8	7,784.8	30.2	27.6	88.82	253.4	284.7	652.6	597.9	54.73	11.925	
8,300.0	7,790.0	7,795.3	7,784.3	31.2	27.6	88.58	253.4	284.7	746.5	691.7	54.76	13.632	
8,400.0	7,790.0	7,794.8	7,783.8	32.4	27.6	88.25	253.4	284.7	842.7	787.9	54.79	15.382	
8,500.0	7,790.0	7,794.3	7,783.2	33.7	27.6	87.75	253.4	284.7	940.4	885.6	54.81	17.159	
8,600.0	7,790.0	7,793.7	7,782.7	35.2	27.6	86.95	253.4	284.7	1,039.2	984.4	54.83	18.954	
8,700.0	7,790.0	7,793.0	7,782.0	36.7	27.6	85.44	253.4	284.6	1,138.6	1,083.7	54.84	20.762	
8,756.0	7,790.0	7,792.7	7,781.7	37.6	27.6	83.82	253.4	284.6	1,194.4	1,139.6	54.85	21.777	
8,800.0	7,790.0	7,792.4	7,781.4	38.3	27.6	83.61	253.4	284.6	1,238.3	1,183.5	54.85	22.575	
8,900.0	7,790.0	7,791.7	7,780.7	40.0	27.6	83.12	253.4	284.6	1,338.2	1,283.3	54.87	24.389	
9,000.0	7,790.0	7,791.1	7,780.1	41.8	27.6	82.64	253.4	284.6	1,438.0	1,383.1	54.88	26.203	
9,100.0	7,790.0	10,536.2	9,287.1	43.6	46.3	175.52	231.5	-1,227.2	1,501.9	1,472.1	29.85	50.313	
9,200.0	7,790.0	10,665.9	9,287.2	45.5	48.6	175.38	229.6	-1,356.9	1,502.1	1,470.8	31.34	47.929	
9,300.0	7,790.0	10,830.5	9,283.1	47.5	51.6	175.14	228.7	-1,521.4	1,500.2	1,466.9	33.25	45.119	
9,400.0	7,790.0	10,997.5	9,270.8	49.5	54.9	174.55	236.2	-1,687.8	1,493.7	1,458.2	35.46	42.121	
9,500.0	7,790.0	11,055.9	9,266.0	51.5	56.0	174.32	239.3	-1,745.9	1,486.2	1,449.7	36.46	40.763	
9,600.0	7,790.0	11,110.4	9,262.8	53.6	57.1	174.13	241.6	-1,800.2	1,481.3	1,443.8	37.50	39.507	
9,700.0	7,790.0	11,176.0	9,261.6	55.7	58.4	173.90	244.8	-1,865.7	1,480.1	1,441.4	38.72	38.222	
9,712.8	7,790.0	11,176.0	9,261.6	55.9	58.4	173.90	244.8	-1,865.7	1,480.1	1,441.3	38.81	38.139	
9,800.0	7,790.0	9,800.0	9,259.8	57.8	31.8	173.50	249.1	-2,005.4	1,480.2	1,450.0	30.23	48.959	
9,900.0	7,790.0	11,410.6	9,254.9	59.9	63.3	173.23	251.7	-2,100.0	1,475.9	1,433.7	42.25	34.932	
9,994.0	7,790.0	11,458.0	9,253.9	62.0	64.3	173.09	253.3	-2,147.4	1,474.7	1,431.3	43.34	34.025	
10,000.0	7,790.0	11,458.0	9,253.9	62.1	64.3	173.09	253.3	-2,147.4	1,474.7	1,431.3	43.38	33.991	
10,100.0	7,790.0	11,533.4	9,254.5	64.3	65.9	172.90	255.2	-2,222.8	1,476.1	1,431.3	44.82	32.936	
10,200.0	7,790.0	10,200.0	9,249.7	66.5	37.1	172.57	254.7	-2,421.3	1,473.6	1,437.5	36.15	40.759	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #203H - Wellbore #1 - Actual

Offset Site Error: 0.0 usft

Survey Program: 202-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.0	7,790.0	11,814.7	9,245.4	68.7	72.0	172.46	253.7	-2,503.8	1,469.0	1,420.2	48.79	30.109	
10,400.0	7,790.0	11,940.6	9,240.4	71.0	74.7	172.36	250.4	-2,629.5	1,465.4	1,414.8	50.62	28.950	
10,500.0	7,790.0	12,012.9	9,237.3	73.2	76.3	172.27	249.2	-2,701.8	1,461.4	1,409.4	52.00	28.103	
10,600.0	7,790.0	12,087.6	9,235.2	75.5	78.0	172.19	248.0	-2,776.5	1,458.9	1,405.5	53.42	27.309	
10,700.0	7,790.0	12,231.8	9,231.6	77.7	81.2	172.12	243.3	-2,920.5	1,456.9	1,401.5	55.41	26.293	
10,800.0	7,790.0	12,297.1	9,229.7	80.0	82.6	172.10	240.9	-2,985.8	1,453.9	1,397.2	56.72	25.634	
10,900.0	7,790.0	12,429.4	9,224.8	82.3	85.6	172.08	235.2	-3,117.8	1,450.0	1,391.5	58.58	24.752	
11,000.0	7,790.0	12,499.0	9,222.7	84.6	87.2	172.11	231.1	-3,187.2	1,446.8	1,386.9	59.88	24.161	
11,100.0	7,790.0	12,634.6	9,217.3	86.9	90.2	172.18	223.0	-3,322.5	1,442.4	1,380.7	61.69	23.380	
11,200.0	7,790.0	11,200.0	9,210.7	89.2	64.7	172.25	215.1	-3,445.9	1,436.9	1,386.3	50.55	28.423	
11,300.0	7,790.0	12,869.6	9,202.3	91.6	95.6	172.29	208.6	-3,556.5	1,429.0	1,363.9	65.05	21.969	
11,400.0	7,790.0	12,923.9	9,199.1	93.9	96.8	172.26	206.6	-3,610.7	1,423.2	1,356.9	66.31	21.464	
11,500.0	7,790.0	12,978.0	9,197.7	96.2	98.1	172.21	205.2	-3,664.7	1,420.8	1,353.3	67.58	21.023	
11,595.4	7,790.0	13,061.4	9,197.3	98.5	100.0	172.21	201.8	-3,748.0	1,420.4	1,351.4	69.03	20.578	
11,600.0	7,790.0	13,065.4	9,197.3	98.6	100.1	172.21	201.6	-3,752.0	1,420.4	1,351.3	69.09	20.559	
11,700.0	7,790.0	13,166.6	9,197.8	100.9	102.4	172.34	194.3	-3,853.0	1,420.6	1,350.0	70.57	20.130	
11,800.0	7,790.0	13,317.7	9,193.8	103.3	105.9	172.41	185.7	-4,003.8	1,417.1	1,344.6	72.52	19.541	
11,900.0	7,790.0	13,390.5	9,191.6	105.6	107.6	172.41	182.4	-4,076.5	1,414.3	1,340.3	73.92	19.133	
11,967.3	7,790.0	13,433.5	9,191.3	107.2	108.6	172.43	180.2	-4,119.4	1,413.7	1,338.9	74.78	18.904	
12,000.0	7,790.0	13,456.6	9,191.5	108.0	109.1	172.44	178.9	-4,142.4	1,413.8	1,338.6	75.21	18.798	
12,100.0	7,790.0	13,537.6	9,192.5	110.3	111.0	172.42	176.1	-4,223.5	1,415.2	1,338.5	76.69	18.454	
12,200.0	7,790.0	13,655.2	9,193.5	112.7	113.8	172.24	175.8	-4,341.0	1,416.5	1,337.8	78.70	18.000	
12,300.0	7,790.0	13,825.0	9,190.5	115.1	117.8	171.89	177.1	-4,510.7	1,415.9	1,334.5	81.37	17.400	
12,400.0	7,790.0	13,888.6	9,187.5	117.4	119.3	171.63	180.4	-4,574.1	1,412.7	1,329.6	83.10	17.000	
12,442.0	7,790.0	13,909.0	9,186.9	118.4	119.7	171.54	181.8	-4,594.5	1,412.3	1,328.6	83.75	16.864	
12,500.0	7,790.0	13,945.7	9,186.6	119.8	120.6	171.38	184.2	-4,631.1	1,412.7	1,327.9	84.77	16.666	
12,600.0	7,790.0	14,013.0	9,187.6	122.2	122.2	171.12	188.3	-4,698.3	1,415.7	1,329.1	86.55	16.356	
12,700.0	7,790.0	14,214.2	9,182.6	124.6	126.9	170.02	206.5	-4,898.5	1,414.7	1,323.8	90.93	15.558	
12,800.0	7,790.0	14,284.0	9,179.4	127.0	128.6	169.62	213.2	-4,967.9	1,412.6	1,319.4	93.18	15.160	
12,849.5	7,790.0	14,320.1	9,178.2	128.1	129.4	169.40	216.8	-5,003.8	1,412.3	1,318.0	94.33	14.972	
12,900.0	7,790.0	14,355.5	9,177.5	129.3	130.3	169.19	220.5	-5,039.0	1,412.6	1,317.1	95.50	14.792	
13,000.0	7,790.0	14,427.2	9,177.1	131.7	132.0	168.80	227.4	-5,110.3	1,414.8	1,317.0	97.81	14.464	
13,100.0	7,790.0	14,510.6	9,179.1	134.1	134.0	168.54	230.9	-5,193.7	1,418.7	1,318.8	99.97	14.191	
13,200.0	7,790.0	14,617.0	9,183.5	136.5	136.5	168.53	227.6	-5,299.9	1,422.9	1,321.1	101.83	13.974	
13,300.0	7,790.0	14,790.4	9,188.1	138.9	140.6	168.77	215.3	-5,472.8	1,425.6	1,321.9	103.68	13.750	
13,400.0	7,790.0	14,906.7	9,185.3	141.3	143.3	168.97	204.7	-5,588.6	1,422.0	1,316.9	105.10	13.529	
13,492.6	7,790.0	14,965.6	9,186.0	143.5	144.7	169.26	195.1	-5,646.6	1,420.9	1,315.1	105.84	13.425	
13,500.0	7,790.0	14,970.9	9,186.2	143.7	144.8	169.29	194.2	-5,651.9	1,420.9	1,315.0	105.89	13.418	
13,600.0	7,790.0	13,600.0	9,188.0	146.1	112.6	169.78	177.0	-5,779.9	1,420.8	1,326.9	93.93	15.126	
13,700.0	7,790.0	15,272.4	9,177.7	148.5	151.9	169.73	169.1	-5,951.4	1,413.8	1,304.7	109.04	12.965	
13,800.0	7,790.0	15,356.2	9,171.9	150.9	153.9	169.57	168.7	-6,035.0	1,407.5	1,296.5	111.06	12.674	
13,900.0	7,790.0	15,449.1	9,165.7	153.3	156.1	169.34	169.4	-6,127.7	1,401.9	1,288.6	113.28	12.375	
14,000.0	7,790.0	15,514.0	9,161.8	155.7	157.7	169.16	170.4	-6,192.5	1,397.3	1,282.0	115.26	12.123	
14,100.0	7,790.0	15,580.1	9,159.6	158.1	159.2	169.00	171.1	-6,258.5	1,395.2	1,278.1	117.16	11.909	
14,110.9	7,790.0	15,586.0	9,159.5	158.4	159.4	168.99	171.1	-6,264.4	1,395.2	1,277.9	117.34	11.890	
14,200.0	7,790.0	15,668.9	9,159.7	160.5	161.4	168.88	170.5	-6,347.3	1,395.9	1,276.8	119.15	11.716	
14,300.0	7,790.0	15,754.4	9,159.9	162.9	163.4	168.84	168.1	-6,432.8	1,396.5	1,275.6	120.91	11.550	
14,400.0	7,790.0	15,937.4	9,158.6	165.3	167.8	168.92	158.1	-6,615.4	1,396.0	1,273.0	123.03	11.347	
14,500.0	7,790.0	16,055.2	9,152.7	167.7	170.6	168.87	153.3	-6,732.9	1,391.1	1,266.1	125.01	11.128	
14,600.0	7,790.0	16,137.1	9,148.2	170.1	172.6	168.86	149.4	-6,814.6	1,385.7	1,259.0	126.74	10.933	
14,700.0	7,790.0	16,215.6	9,145.9	172.5	174.4	168.92	144.0	-6,892.9	1,382.2	1,254.0	128.22	10.780	
14,800.0	7,790.0	16,305.6	9,143.8	175.0	176.6	168.95	139.1	-6,982.7	1,379.7	1,249.8	129.84	10.626	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #203H - Wellbore #1 - Actual

Offset Site Error: 0.0 usft

Survey Program: 202-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,900.0	7,790.0	16,406.5	9,141.4	177.4	179.0	168.84	137.3	-7,083.6	1,377.8	1,245.8	131.94	10.442	
15,000.0	7,790.0	16,501.2	9,138.2	179.8	181.3	168.68	136.7	-7,178.2	1,375.2	1,241.1	134.14	10.252	
15,100.0	7,790.0	16,594.4	9,136.7	182.2	183.5	168.53	136.1	-7,271.4	1,374.3	1,238.0	136.31	10.082	
15,200.0	7,790.0	16,718.1	9,132.3	184.6	186.5	168.29	136.0	-7,395.0	1,371.5	1,232.5	138.97	9.869	
15,300.0	7,790.0	16,819.8	9,128.3	187.0	189.0	168.11	135.3	-7,496.6	1,368.4	1,227.1	141.33	9.683	
15,400.0	7,790.0	16,886.6	9,126.3	189.4	190.6	168.01	134.6	-7,563.4	1,366.2	1,222.9	143.24	9.537	
15,424.5	7,790.0	16,900.9	9,126.2	190.0	190.9	167.99	134.3	-7,577.7	1,366.1	1,222.4	143.65	9.510	
15,500.0	7,790.0	16,948.7	9,126.6	191.9	192.1	167.97	133.0	-7,625.5	1,366.9	1,222.1	144.86	9.436	
15,600.0	7,790.0	17,127.6	9,127.1	194.3	196.4	167.68	132.7	-7,804.3	1,369.6	1,221.4	148.17	9.243	
15,700.0	7,790.0	17,234.7	9,122.1	196.7	199.0	167.54	130.5	-7,911.3	1,365.4	1,215.0	150.48	9.074	
15,800.0	7,790.0	17,319.7	9,118.5	199.1	201.0	167.44	128.6	-7,996.2	1,361.7	1,209.1	152.59	8.924	
15,900.0	7,790.0	17,396.7	9,116.4	201.5	202.9	167.38	126.5	-8,073.1	1,359.4	1,204.8	154.52	8.797	
16,000.0	7,790.0	17,479.2	9,115.7	204.0	204.9	167.34	123.8	-8,155.5	1,358.7	1,202.3	156.37	8.689	
16,100.0	7,790.0	17,620.0	9,112.8	206.4	208.3	167.04	124.5	-8,296.3	1,358.0	1,198.5	159.53	8.513	
16,200.0	7,790.0	17,731.4	9,107.1	208.8	211.0	166.71	126.7	-8,407.6	1,354.4	1,191.8	162.65	8.327	
16,300.0	7,790.0	17,778.5	9,105.7	211.2	212.1	166.57	127.9	-8,454.6	1,352.7	1,187.9	164.78	8.209	
16,302.2	7,790.0	17,779.7	9,105.7	211.3	212.1	166.56	127.9	-8,455.8	1,352.7	1,187.9	164.83	8.207	
16,400.0	7,790.0	17,850.0	9,105.4	213.6	213.9	166.34	130.4	-8,526.0	1,354.0	1,186.7	167.30	8.094	
16,500.0	7,790.0	17,938.7	9,105.8	216.1	216.0	166.04	134.1	-8,614.7	1,356.4	1,186.2	170.25	7.967	
16,600.0	7,790.0	18,049.3	9,107.2	218.5	218.7	165.70	138.1	-8,725.2	1,359.6	1,186.0	173.63	7.830	
16,700.0	7,790.0	18,183.6	9,105.1	220.9	221.9	165.21	144.1	-8,859.3	1,360.2	1,182.3	177.88	7.647	
16,800.0	7,790.0	18,310.1	9,101.5	223.3	225.0	164.90	145.6	-8,985.8	1,358.8	1,177.5	181.30	7.495	
16,900.0	7,790.0	18,423.9	9,097.1	225.8	227.8	164.69	144.8	-9,099.5	1,356.0	1,171.8	184.21	7.361	
17,000.0	7,790.0	18,527.5	9,092.3	228.2	230.3	164.48	144.1	-9,203.0	1,352.4	1,165.4	187.09	7.229	
17,100.0	7,790.0	18,596.8	9,089.5	230.6	231.9	164.34	144.1	-9,272.2	1,349.7	1,160.1	189.62	7.118	
17,140.9	7,790.0	18,620.5	9,089.0	231.6	232.5	164.28	144.3	-9,295.9	1,349.5	1,158.9	190.58	7.081	
17,200.0	7,790.0	18,656.7	9,088.7	233.0	233.4	164.19	145.0	-9,332.1	1,350.0	1,158.0	191.99	7.032	
17,300.0	7,790.0	18,733.7	9,089.5	235.5	235.3	164.01	146.4	-9,409.1	1,352.6	1,158.0	194.59	6.951	
17,400.0	7,790.0	18,822.1	9,091.5	237.9	237.4	163.82	147.9	-9,497.4	1,356.4	1,159.1	197.34	6.874	
17,500.0	7,790.0	18,912.2	9,094.3	240.3	239.6	163.64	149.5	-9,587.5	1,361.1	1,161.0	200.12	6.801	
17,600.0	7,790.0	19,034.5	9,097.7	242.7	242.6	163.42	150.8	-9,709.7	1,365.2	1,161.7	203.47	6.710	
17,700.0	7,790.0	19,106.5	9,100.1	245.2	244.3	163.33	150.8	-9,781.7	1,369.6	1,164.0	205.60	6.661	
17,800.0	7,790.0	19,235.1	9,104.1	247.6	247.4	163.14	151.3	-9,910.2	1,373.9	1,164.9	208.93	6.576	
17,900.0	7,790.0	19,333.1	9,106.2	250.0	249.8	162.99	151.8	-10,008.2	1,377.3	1,165.5	211.76	6.504	
18,000.0	7,790.0	19,425.0	9,108.3	252.5	252.1	162.85	152.1	-10,100.1	1,380.8	1,166.4	214.44	6.439	
18,079.9	7,790.0	19,425.0	9,108.3	254.4	252.1	162.85	152.1	-10,100.1	1,386.3	1,171.5	214.81	6.454	
18,080.6	7,790.0	19,425.0	9,108.3	254.4	252.1	162.85	152.1	-10,100.1	1,386.4	1,171.5	214.89	6.452	

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #223 - OH - Actual

Offset Site Error: 0.0 usft

Survey Program: 135-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.00	80.0	0.0	80.0				
100.0	100.0	100.0	100.0	0.1	0.1	0.06	80.0	0.1	80.0	79.7	0.27	296.757	
200.0	200.0	200.2	200.2	0.5	0.4	0.40	79.9	0.6	79.9	79.0	0.91	87.603	
300.0	300.0	301.2	301.2	0.8	0.8	1.39	79.1	1.9	79.1	77.5	1.64	48.332	
400.0	400.0	401.4	401.4	1.2	1.2	2.90	77.3	3.9	77.4	75.0	2.36	32.829	
500.0	500.0	501.6	501.5	1.6	1.5	4.68	75.2	6.2	75.5	72.4	3.08	24.503	
600.0	600.0	601.6	601.5	1.9	1.9	6.64	72.9	8.5	73.4	69.6	3.80	19.303	
700.0	700.0	701.0	700.8	2.3	2.3	8.43	71.2	10.5	72.0	67.4	4.53	15.903	
800.0	800.0	800.9	800.7	2.6	2.6	9.80	69.9	12.1	70.9	65.7	5.25	13.519	
900.0	900.0	900.7	900.4	3.0	3.0	11.07	68.7	13.4	70.0	64.0	5.96	11.735	
952.1	952.1	952.3	952.0	3.2	3.2	11.40	68.4	13.8	69.8	63.5	6.33	11.025	
1,000.0	1,000.0	1,000.1	999.9	3.4	3.3	11.44	68.5	13.9	69.9	63.2	6.67	10.483	
1,100.0	1,100.0	1,100.3	1,100.1	3.7	3.7	-82.38	68.7	13.6	69.9	62.5	7.35	9.508	
1,200.0	1,200.0	1,200.4	1,200.1	4.0	4.0	-84.89	68.4	13.1	69.2	61.2	8.02	8.626	
1,300.0	1,299.9	1,300.1	1,299.8	4.4	4.3	-89.00	68.4	12.5	69.0	60.3	8.70	7.926	
1,309.7	1,309.6	1,309.8	1,309.5	4.4	4.4	-89.50	68.4	12.4	68.9	60.2	8.77	7.866	
1,400.0	1,399.7	1,399.7	1,399.5	4.7	4.7	-94.92	68.5	11.4	69.3	59.9	9.38	7.384	
1,500.0	1,499.4	1,499.3	1,499.0	5.1	5.0	-102.28	68.8	10.1	70.9	60.8	10.07	7.036	
1,600.0	1,598.9	1,599.0	1,598.7	5.5	5.3	-110.17	69.0	9.2	74.0	63.2	10.77	6.872	
1,700.0	1,698.3	1,699.1	1,698.9	5.8	5.7	-117.47	69.1	9.9	78.4	66.9	11.48	6.828	
1,800.0	1,797.4	1,799.2	1,798.9	6.2	6.0	-124.23	68.7	11.9	83.8	71.6	12.20	6.874	
1,900.0	1,896.4	1,898.1	1,897.8	6.6	6.4	-130.41	68.2	14.2	90.6	77.7	12.91	7.017	
2,000.0	1,995.5	1,997.6	1,997.3	7.0	6.8	-136.17	67.3	15.7	98.5	84.9	13.62	7.231	
2,100.0	2,094.5	2,095.9	2,095.5	7.4	7.1	-140.87	66.8	17.1	107.6	93.3	14.33	7.510	
2,200.0	2,193.5	2,195.0	2,194.7	7.8	7.5	-144.40	67.3	18.9	117.7	102.6	15.04	7.826	
2,300.0	2,292.5	2,293.7	2,293.3	8.2	7.8	-147.63	67.4	20.0	128.5	112.7	15.74	8.159	
2,400.0	2,391.6	2,392.6	2,392.2	8.6	8.2	-150.73	67.0	20.3	139.9	123.5	16.45	8.505	
2,500.0	2,490.6	2,491.6	2,491.3	9.0	8.5	-153.26	66.8	20.7	151.8	134.6	17.16	8.844	
2,600.0	2,589.6	2,590.7	2,590.3	9.4	8.9	-155.42	66.7	21.1	163.9	146.1	17.87	9.172	
2,700.0	2,688.6	2,690.3	2,689.9	9.8	9.2	-157.35	66.3	21.6	176.1	157.6	18.59	9.476	
2,800.0	2,787.7	2,789.9	2,789.5	10.2	9.6	-159.06	65.7	22.3	188.2	168.9	19.30	9.748	
2,900.0	2,886.7	2,888.9	2,888.5	10.6	9.9	-160.54	65.2	23.1	200.3	180.3	20.02	10.007	
3,000.0	2,985.7	2,989.6	2,989.2	11.0	10.3	-161.87	64.6	24.0	212.5	191.7	20.74	10.244	
3,100.0	3,084.8	3,093.8	3,093.3	11.4	10.7	-163.12	63.2	26.4	223.1	201.6	21.48	10.386	
3,146.9	3,131.2	3,143.1	3,142.6	11.6	10.9	-163.71	62.2	28.4	227.3	205.5	21.83	10.413	
3,200.0	3,183.8	3,198.6	3,198.0	11.8	11.1	-164.34	60.8	31.2	231.1	208.9	22.22	10.402	
3,300.0	3,283.2	3,301.2	3,300.4	12.2	11.4	-165.29	57.9	37.7	235.1	212.2	22.94	10.248	
3,400.0	3,382.8	3,401.9	3,400.8	12.6	11.8	-166.02	54.9	44.6	236.0	212.3	23.66	9.973	
3,500.0	3,482.6	3,502.0	3,500.6	13.0	12.2	-166.65	51.5	51.6	234.2	209.8	24.38	9.605	
3,600.0	3,582.6	3,601.7	3,600.0	13.3	12.6	-167.30	47.6	58.4	229.8	204.7	25.09	9.160	
3,680.2	3,662.8	3,681.2	3,679.2	13.6	12.9	-74.87	44.5	63.7	224.7	199.0	25.66	8.756	
3,700.0	3,682.6	3,700.8	3,698.8	13.7	13.0	-74.97	43.7	65.0	223.2	197.4	25.80	8.653	
3,800.0	3,782.6	3,800.1	3,797.9	14.0	13.4	-75.48	40.1	71.3	216.2	189.7	26.50	8.157	
3,900.0	3,882.6	3,903.6	3,901.0	14.3	13.8	-76.12	35.8	78.6	208.3	181.1	27.21	7.657	
4,000.0	3,982.6	4,008.9	4,005.6	14.6	14.2	-77.03	30.1	88.4	198.0	170.1	27.89	7.100	
4,100.0	4,082.6	4,111.6	4,107.5	15.0	14.7	-78.08	23.9	100.4	185.3	156.7	28.58	6.483	
4,200.0	4,182.6	4,211.0	4,205.9	15.3	15.1	-79.28	17.6	113.0	171.6	142.3	29.29	5.858	
4,300.0	4,282.6	4,309.3	4,303.2	15.7	15.6	-80.67	11.4	125.2	158.3	128.2	30.02	5.272	
4,400.0	4,382.6	4,407.3	4,400.3	16.0	16.0	-82.38	5.2	136.8	145.6	114.8	30.77	4.733	
4,500.0	4,482.6	4,505.0	4,497.3	16.3	16.5	-84.40	-1.0	147.5	134.0	102.5	31.53	4.249	
4,600.0	4,582.6	4,604.2	4,595.8	16.7	16.9	-86.77	-7.1	157.6	123.3	91.0	32.29	3.818	
4,700.0	4,682.6	4,704.3	4,695.1	17.0	17.4	-89.36	-12.8	168.4	112.4	79.3	33.06	3.400	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #223 - OH - Actual — **Offset Site Error:** 0.0 usft

Survey Program: 135-MWD — **Offset Well Error:** 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,800.0	4,782.6	4,803.6	4,793.7	17.3	17.9	-92.50	-18.4	179.5	101.3	67.4	33.86	2.991	
4,900.0	4,882.6	4,904.1	4,893.2	17.7	18.3	-96.81	-24.6	191.4	89.9	55.2	34.69	2.592	
5,000.0	4,982.6	5,002.6	4,990.7	18.0	18.8	-102.69	-31.2	203.6	78.7	43.1	35.63	2.209	
5,100.0	5,082.6	5,101.0	5,088.3	18.4	19.3	-109.78	-37.4	214.9	69.4	32.8	36.66	1.894	
5,200.0	5,182.6	5,199.9	5,186.4	18.7	19.8	-118.02	-43.2	225.2	62.2	24.5	37.72	1.649	
5,300.0	5,282.6	5,299.2	5,285.1	19.1	20.2	-128.17	-49.0	235.5	56.8	17.9	38.83	1.462	Level 3
5,400.0	5,382.6	5,398.3	5,383.4	19.4	20.7	-139.88	-55.1	245.4	53.7	13.8	39.91	1.346	Level 3
5,466.2	5,448.8	5,464.0	5,448.8	19.6	21.0	-147.68	-59.0	251.6	53.2	12.7	40.54	1.312	Level 3, CC
5,500.0	5,482.6	5,497.5	5,482.1	19.8	21.2	-151.53	-60.9	254.6	53.3	12.5	40.83	1.306	Level 3, ES, SF
5,600.0	5,582.6	5,597.0	5,581.0	20.1	21.6	-162.51	-66.7	263.4	55.3	13.8	41.56	1.331	Level 3
5,700.0	5,682.6	5,697.2	5,680.8	20.4	22.1	-171.05	-71.5	271.0	58.2	16.0	42.18	1.380	Level 3
5,800.0	5,782.6	5,797.3	5,780.7	20.8	22.5	-176.28	-74.9	276.1	61.1	18.3	42.78	1.427	Level 3
5,900.0	5,882.6	5,897.7	5,881.0	21.1	22.8	-179.75	-78.0	279.8	64.0	20.6	43.39	1.475	Level 3
6,000.0	5,982.6	5,998.5	5,981.8	21.5	23.2	179.11	-79.6	281.1	65.7	21.6	44.04	1.491	Level 3
6,100.0	6,082.6	6,098.9	6,082.2	21.8	23.5	178.91	-80.4	281.3	66.4	21.7	44.71	1.485	Level 3
6,200.0	6,182.6	6,199.3	6,182.5	22.2	23.9	178.65	-80.7	281.6	66.7	21.3	45.39	1.469	Level 3
6,300.0	6,282.6	6,299.1	6,282.3	22.5	24.2	178.26	-80.8	282.1	66.8	20.7	46.06	1.450	Level 3
6,400.0	6,382.6	6,399.6	6,382.9	22.9	24.5	177.62	-80.7	282.8	66.8	20.0	46.72	1.429	Level 3
6,500.0	6,482.6	6,499.8	6,483.1	23.2	24.8	177.12	-80.0	283.3	66.1	18.7	47.38	1.394	Level 3
6,549.5	6,532.1	6,548.8	6,532.1	23.4	25.0	176.92	-79.8	283.6	65.9	18.1	47.72	1.380	Level 3
6,600.0	6,582.6	6,598.8	6,582.1	23.6	25.2	176.70	-80.0	283.8	66.1	18.0	48.05	1.375	Level 3
6,700.0	6,682.6	6,698.7	6,682.0	23.9	25.5	176.33	-80.8	284.3	66.9	18.2	48.73	1.373	Level 3
6,800.0	6,782.6	6,798.8	6,782.1	24.3	25.8	176.18	-81.5	284.5	67.6	18.2	49.41	1.369	Level 3
6,900.0	6,882.6	6,898.4	6,881.7	24.6	26.2	175.65	-82.4	285.2	68.6	18.5	50.08	1.370	Level 3
7,000.0	6,982.6	6,998.3	6,981.5	25.0	26.5	174.55	-83.8	286.7	70.1	19.4	50.74	1.383	Level 3
7,100.0	7,082.6	7,098.7	7,081.9	25.3	26.9	173.94	-84.9	287.6	71.3	19.9	51.41	1.388	Level 3
7,200.0	7,182.6	7,198.5	7,181.7	25.7	27.2	173.80	-85.8	287.8	72.2	20.1	52.09	1.387	Level 3
7,234.4	7,217.0	7,232.6	7,215.8	25.8	27.3	173.64	-86.3	288.1	72.7	20.4	52.32	1.390	Level 3
7,250.0	7,232.6	7,248.1	7,231.3	25.8	27.4	-106.64	-86.5	288.2	73.0	20.6	52.42	1.393	Level 3
7,300.0	7,282.4	7,298.5	7,281.7	26.0	27.5	-109.25	-87.1	288.5	74.8	22.1	52.64	1.421	Level 3
7,350.0	7,331.8	7,348.6	7,331.8	26.2	27.7	-114.26	-87.4	288.3	78.0	25.2	52.76	1.478	Level 3
7,400.0	7,380.3	7,397.9	7,381.1	26.3	27.9	-120.92	-87.4	287.6	83.5	30.7	52.77	1.582	
7,450.0	7,427.5	7,446.0	7,429.2	26.4	28.0	-128.21	-87.1	286.6	92.3	39.6	52.76	1.750	
7,500.0	7,473.2	7,491.5	7,474.6	26.6	28.1	-135.04	-86.9	285.5	105.8	53.0	52.80	2.003	
7,550.0	7,516.9	7,535.0	7,518.2	26.7	28.3	-140.92	-87.0	284.5	124.3	71.4	52.91	2.349	
7,600.0	7,558.3	7,576.5	7,559.7	26.8	28.4	-145.65	-87.3	283.7	147.6	94.6	53.07	2.782	
7,650.0	7,597.1	7,615.3	7,598.4	27.0	28.5	-149.21	-87.6	283.1	175.5	122.2	53.26	3.295	
7,700.0	7,633.0	7,651.5	7,634.6	27.1	28.6	-151.78	-87.9	282.5	207.4	153.9	53.46	3.879	
7,750.0	7,665.8	7,684.5	7,667.6	27.3	28.7	-153.44	-88.2	282.1	242.8	189.2	53.65	4.526	
7,800.0	7,695.1	7,714.1	7,697.3	27.5	28.8	-154.26	-88.5	281.7	281.5	227.6	53.83	5.229	
7,850.0	7,720.8	7,740.3	7,723.5	27.7	28.9	-154.22	-88.8	281.3	322.8	268.9	53.98	5.981	
7,900.0	7,742.7	7,762.7	7,745.8	27.9	29.0	-153.16	-89.1	281.0	366.6	312.5	54.11	6.774	
7,950.0	7,760.5	7,781.1	7,764.2	28.2	29.0	-150.70	-89.3	280.8	412.2	358.0	54.22	7.603	
8,000.0	7,774.3	7,795.3	7,778.5	28.5	29.1	-145.90	-89.4	280.6	459.5	405.2	54.30	8.462	
8,050.0	7,783.7	7,805.4	7,788.5	28.9	29.1	-136.58	-89.5	280.4	507.9	453.5	54.36	9.343	
8,100.0	7,788.9	7,811.1	7,794.2	29.3	29.1	-117.36	-89.6	280.4	557.1	502.7	54.40	10.240	
8,134.4	7,790.0	7,812.5	7,795.7	29.6	29.1	-94.39	-89.6	280.3	591.2	536.8	54.41	10.864	
8,200.0	7,790.0	7,813.3	7,796.4	30.2	29.1	-94.17	-89.6	280.3	656.2	601.7	54.43	12.055	
8,300.0	7,790.0	7,814.5	7,797.6	31.2	29.1	-93.87	-89.6	280.3	755.1	700.7	54.46	13.866	
8,400.0	7,790.0	7,815.7	7,798.8	32.4	29.1	-93.60	-89.6	280.3	853.9	799.4	54.49	15.670	
8,500.0	7,790.0	7,817.0	7,800.1	33.7	29.1	-93.37	-89.6	280.3	952.4	897.9	54.53	17.466	
8,600.0	7,790.0	7,818.3	7,801.4	35.2	29.1	-93.17	-89.6	280.3	1,050.6	996.0	54.56	19.254	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #223 - OH - Actual

Offset Site Error: 0.0 usft

Survey Program: 135-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,700.0	7,790.0	7,819.5	7,802.6	36.7	29.1	-92.97	-89.7	280.2	1,148.5	1,093.9	54.60	21.033	
8,756.0	7,790.0	7,820.2	7,803.3	37.6	29.1	-92.88	-89.7	280.2	1,203.2	1,148.5	54.63	22.026	
8,800.0	7,790.0	7,820.8	7,803.9	38.3	29.1	-93.00	-89.7	280.2	1,246.1	1,191.5	54.64	22.804	
8,900.0	7,790.0	7,822.1	7,805.2	40.0	29.1	-93.29	-89.7	280.2	1,344.0	1,289.3	54.69	24.576	
9,000.0	7,790.0	7,823.4	7,806.6	41.8	29.2	-93.57	-89.7	280.2	1,442.1	1,387.4	54.72	26.352	
9,100.0	7,790.0	7,824.8	7,807.9	43.6	29.2	-93.85	-89.7	280.2	1,540.5	1,485.7	54.76	28.130	
9,200.0	7,790.0	7,826.1	7,809.2	45.5	29.2	-94.14	-89.7	280.2	1,639.1	1,584.3	54.80	29.910	
9,300.0	7,790.0	7,827.4	7,810.5	47.5	29.2	-94.42	-89.7	280.1	1,737.8	1,683.0	54.84	31.691	
9,400.0	7,790.0	7,828.7	7,811.8	49.5	29.2	-94.70	-89.7	280.1	1,836.7	1,781.8	54.87	33.472	
9,500.0	7,790.0	7,830.0	7,813.1	51.5	29.2	-94.98	-89.8	280.1	1,935.7	1,880.8	54.91	35.253	
9,600.0	7,790.0	7,831.3	7,814.4	53.6	29.2	-95.25	-89.8	280.1	2,034.8	1,979.8	54.94	37.034	
9,700.0	7,790.0	7,832.6	7,815.7	55.7	29.2	-95.53	-89.8	280.1	2,133.9	2,079.0	54.98	38.814	
9,800.0	7,790.0	7,833.9	7,817.0	57.8	29.2	-95.80	-89.8	280.1	2,233.2	2,178.2	55.01	40.593	
9,900.0	7,790.0	7,835.2	7,818.3	59.9	29.2	-96.08	-89.8	280.0	2,332.5	2,277.4	55.05	42.371	
10,000.0	7,790.0	12,646.0	10,191.2	62.1	150.8	-175.54	-120.2	-2,346.2	2,417.5	2,369.7	47.82	50.556	
10,100.0	7,790.0	12,734.6	10,184.9	64.3	155.8	-175.77	-113.6	-2,434.3	2,409.4	2,360.5	48.90	49.277	
10,200.0	7,790.0	12,836.0	10,177.2	66.5	161.4	-176.19	-99.7	-2,534.4	2,400.5	2,350.6	49.87	48.135	
10,300.0	7,790.0	12,885.3	10,173.9	68.7	164.2	-176.40	-92.5	-2,583.1	2,393.0	2,342.5	50.53	47.354	
10,400.0	7,790.0	12,930.0	10,172.6	71.0	166.6	-176.60	-86.0	-2,627.3	2,388.4	2,337.2	51.19	46.661	
10,487.6	7,790.0	12,930.0	10,172.6	72.9	166.6	-176.60	-86.0	-2,627.3	2,386.8	2,335.2	51.59	46.269	
10,500.0	7,790.0	12,930.0	10,172.6	73.2	166.6	-176.60	-86.0	-2,627.3	2,386.9	2,335.2	51.65	46.216	
10,600.0	7,790.0	12,977.4	10,173.2	75.5	169.3	-176.82	-78.9	-2,674.1	2,387.8	2,335.4	52.36	45.607	
10,700.0	7,790.0	13,023.0	10,176.0	77.7	171.8	-177.03	-71.8	-2,719.1	2,392.3	2,339.3	53.07	45.083	
10,800.0	7,790.0	13,197.5	10,185.9	80.0	181.7	-177.67	-52.8	-2,892.1	2,398.4	2,343.8	54.61	43.918	
10,900.0	7,790.0	10,900.0	10,180.6	82.3	50.3	-178.06	-48.2	-3,173.7	2,395.6	2,356.8	38.87	61.628	
11,000.0	7,790.0	13,573.5	10,175.0	84.6	203.2	-178.09	-50.4	-3,267.7	2,389.7	2,330.7	58.94	40.542	
11,100.0	7,790.0	13,629.1	10,172.4	86.9	206.4	-178.06	-54.1	-3,323.2	2,385.3	2,325.2	60.01	39.749	
11,200.0	7,790.0	11,200.0	10,168.5	89.2	154.6	-177.88	-66.0	-3,438.8	2,382.2	2,337.3	44.92	53.031	
11,300.0	7,790.0	13,831.1	10,164.3	91.6	217.8	-177.77	-74.0	-3,523.9	2,377.6	2,314.3	63.32	37.551	
11,400.0	7,790.0	13,879.0	10,163.4	93.9	220.6	-177.73	-77.8	-3,571.7	2,375.5	2,311.2	64.34	36.922	
11,500.0	7,790.0	11,500.0	10,157.5	96.2	86.3	-177.71	-86.1	-3,755.5	2,372.3	2,326.0	46.24	51.299	
11,600.0	7,790.0	14,116.0	10,155.2	98.6	234.2	-177.72	-87.4	-3,808.3	2,368.0	2,300.3	67.76	34.945	
11,700.0	7,790.0	14,162.0	10,154.6	100.9	236.8	-177.72	-89.7	-3,854.2	2,366.5	2,297.8	68.73	34.431	
11,800.0	7,790.0	14,302.7	10,153.7	103.3	245.0	-177.69	-96.7	-3,994.8	2,366.3	2,295.5	70.73	33.454	
11,900.0	7,790.0	14,395.0	10,150.9	105.6	250.3	-177.69	-100.5	-4,086.9	2,363.3	2,291.1	72.19	32.739	
12,000.0	7,790.0	14,447.0	10,150.4	108.0	253.3	-177.67	-103.2	-4,138.8	2,362.4	2,289.2	73.23	32.259	
12,046.3	7,790.0	12,046.3	10,149.5	109.1	115.9	-177.63	-108.0	-4,214.3	2,361.7	2,306.4	55.26	42.741	
12,100.0	7,790.0	14,570.3	10,148.7	110.3	260.4	-177.59	-111.4	-4,261.9	2,360.9	2,285.7	75.13	31.422	
12,200.0	7,790.0	14,918.0	10,125.6	112.7	280.3	-177.49	-129.0	-4,607.7	2,353.2	2,273.8	79.36	29.651	
12,300.0	7,790.0	14,961.3	10,121.2	115.1	282.8	-177.52	-129.5	-4,650.8	2,343.0	2,262.7	80.30	29.176	
12,400.0	7,790.0	15,014.0	10,117.3	117.4	285.8	-177.56	-129.7	-4,703.3	2,335.2	2,253.9	81.30	28.723	
12,500.0	7,790.0	15,046.2	10,115.7	119.8	287.7	-177.59	-129.9	-4,735.5	2,329.8	2,247.7	82.11	28.373	
12,600.0	7,790.0	15,109.0	10,114.4	122.2	291.3	-177.61	-131.5	-4,798.2	2,327.2	2,243.9	83.23	27.960	
12,676.7	7,790.0	15,124.0	10,114.4	124.0	292.2	-177.61	-132.1	-4,813.2	2,326.4	2,242.6	83.76	27.776	
12,700.0	7,790.0	15,137.1	10,114.4	124.6	293.0	-177.61	-132.7	-4,826.3	2,326.5	2,242.5	84.01	27.692	
12,800.0	7,790.0	15,201.0	10,115.4	127.0	296.7	-177.56	-137.5	-4,890.0	2,328.0	2,242.8	85.25	27.307	
12,900.0	7,790.0	15,483.0	10,111.3	129.3	312.9	-177.57	-148.8	-5,171.1	2,327.2	2,238.4	88.77	26.217	
13,000.0	7,790.0	15,537.9	10,107.1	131.7	316.1	-177.69	-145.7	-5,225.7	2,320.6	2,231.0	89.63	25.892	
13,100.0	7,790.0	15,578.0	10,107.0	134.1	318.4	-177.76	-144.5	-5,265.8	2,319.0	2,228.5	90.43	25.645	
13,126.3	7,790.0	15,578.0	10,107.0	134.7	318.4	-177.76	-144.5	-5,265.8	2,318.8	2,228.3	90.55	25.609	
13,200.0	7,790.0	15,589.2	10,107.4	136.5	319.0	-177.78	-144.4	-5,277.0	2,320.0	2,229.0	90.96	25.504	
13,300.0	7,790.0	15,856.5	10,105.8	138.9	334.6	-178.08	-143.2	-5,544.2	2,319.5	2,225.6	93.83	24.720	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #223 - OH - Actual — **Offset Site Error:** 0.0 usft

Survey Program: 135-MWD — **Offset Well Error:** 0.0 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
13,400.0	7,790.0	15,923.4	10,103.3	141.3	338.4	-178.18	-141.8	-5,611.0	2,315.6	2,220.7	94.89	24.404	
13,500.0	7,790.0	15,990.3	10,101.9	143.7	342.3	-178.25	-141.9	-5,677.9	2,313.3	2,217.3	95.99	24.099	
13,600.0	7,790.0	16,050.0	10,101.3	146.1	345.8	-178.26	-143.8	-5,737.6	2,312.3	2,215.3	97.09	23.816	
13,614.7	7,790.0	16,067.1	10,101.2	146.4	346.8	-178.26	-144.7	-5,754.7	2,312.3	2,214.9	97.35	23.751	
13,700.0	7,790.0	16,117.0	10,101.5	148.5	349.7	-178.21	-148.7	-5,804.4	2,313.0	2,214.6	98.36	23.516	
13,800.0	7,790.0	16,289.7	10,101.7	150.9	359.6	-178.03	-163.3	-5,976.4	2,313.3	2,212.3	101.02	22.899	
13,900.0	7,790.0	16,429.0	10,097.4	153.3	367.7	-178.08	-166.7	-6,115.6	2,310.0	2,207.1	102.90	22.450	
14,000.0	7,790.0	16,468.3	10,096.2	155.7	370.0	-178.10	-167.6	-6,154.8	2,307.6	2,203.8	103.79	22.233	
14,021.0	7,790.0	16,473.7	10,096.2	156.2	370.3	-178.10	-167.9	-6,160.2	2,307.5	2,203.5	103.95	22.199	
14,100.0	7,790.0	16,523.0	10,097.7	158.1	373.2	-178.06	-171.6	-6,209.4	2,309.2	2,204.3	104.92	22.010	
14,200.0	7,790.0	16,523.0	10,097.7	160.5	373.2	-178.06	-171.6	-6,209.4	2,312.7	2,207.4	105.28	21.967	
14,300.0	7,790.0	16,630.4	10,103.5	162.9	379.4	-177.90	-182.4	-6,316.1	2,318.3	2,211.1	107.22	21.621	
14,400.0	7,790.0	16,902.0	10,108.4	165.3	395.1	-177.69	-202.6	-6,586.6	2,320.8	2,209.6	111.25	20.861	
14,500.0	7,790.0	16,962.9	10,106.7	167.7	398.6	-177.71	-204.2	-6,647.4	2,318.6	2,206.3	112.36	20.636	
14,514.2	7,790.0	16,967.9	10,106.7	168.1	398.9	-177.71	-204.4	-6,652.4	2,318.6	2,206.1	112.48	20.614	
14,600.0	7,790.0	17,001.8	10,107.2	170.1	400.9	-177.72	-205.4	-6,686.3	2,319.6	2,206.4	113.21	20.490	
14,700.0	7,790.0	14,700.0	10,108.5	172.5	266.8	-177.82	-208.3	-6,850.1	2,320.2	2,224.5	95.70	24.244	
14,795.6	7,790.0	17,249.4	10,107.8	174.8	415.3	-177.87	-209.7	-6,933.9	2,319.4	2,202.8	116.57	19.898	
14,800.0	7,790.0	17,251.9	10,107.8	175.0	415.5	-177.87	-209.7	-6,936.3	2,319.4	2,202.8	116.61	19.890	
14,900.0	7,790.0	17,409.0	10,106.3	177.4	424.6	-177.97	-212.0	-7,093.5	2,318.5	2,199.9	118.58	19.551	
15,000.0	7,790.0	17,502.9	10,104.8	179.8	430.1	-178.03	-213.7	-7,187.3	2,316.7	2,196.7	119.98	19.310	
15,100.0	7,790.0	17,567.0	10,102.9	182.2	433.8	-178.07	-214.6	-7,251.3	2,314.2	2,193.2	121.08	19.114	
15,154.7	7,790.0	17,608.7	10,102.1	183.5	436.2	-178.10	-215.0	-7,293.1	2,313.4	2,191.7	121.72	19.006	
15,200.0	7,790.0	17,622.9	10,102.2	184.6	437.1	-178.11	-215.1	-7,307.2	2,313.7	2,191.6	122.05	18.956	
15,300.0	7,790.0	17,663.0	10,103.6	187.0	439.4	-178.15	-215.5	-7,347.3	2,316.6	2,193.7	122.83	18.860	
15,400.0	7,790.0	17,695.8	10,105.5	189.4	441.3	-178.17	-216.0	-7,380.0	2,322.2	2,198.7	123.48	18.806	
15,500.0	7,790.0	17,758.0	10,110.8	191.9	444.9	-178.17	-218.6	-7,442.0	2,330.3	2,205.7	124.52	18.714	
15,600.0	7,790.0	17,838.8	10,118.5	194.3	449.6	-178.14	-223.6	-7,522.2	2,339.7	2,213.8	125.88	18.586	
15,700.0	7,790.0	18,187.8	10,128.1	196.7	469.8	-178.33	-230.6	-7,870.5	2,339.3	2,209.2	130.18	17.970	
15,800.0	7,790.0	18,283.1	10,127.4	199.1	475.4	-178.50	-227.6	-7,965.8	2,338.4	2,207.0	131.37	17.800	
15,900.0	7,790.0	18,365.9	10,126.6	201.5	480.2	-178.65	-224.9	-8,048.5	2,337.2	2,204.8	132.49	17.641	
16,000.0	7,790.0	16,000.0	10,126.3	204.0	342.9	-178.87	-220.7	-8,164.6	2,336.9	2,222.3	114.55	20.401	
16,100.0	7,790.0	18,589.6	10,124.3	206.4	493.2	-179.13	-214.4	-8,271.9	2,334.8	2,199.7	135.15	17.276	
16,200.0	7,790.0	18,719.6	10,122.3	208.8	500.7	-179.60	-200.7	-8,401.2	2,333.2	2,196.7	136.57	17.084	
16,300.0	7,790.0	18,845.2	10,118.4	211.2	507.9	179.91	-186.1	-8,525.9	2,330.0	2,191.8	138.18	16.862	
16,400.0	7,790.0	18,924.3	10,115.6	213.6	512.5	179.66	-179.0	-8,604.6	2,326.5	2,186.9	139.59	16.667	
16,500.0	7,790.0	18,988.0	10,114.5	216.1	516.2	179.51	-175.6	-8,668.2	2,324.8	2,183.9	140.89	16.501	
16,600.0	7,790.0	19,101.8	10,113.5	218.5	522.8	179.39	-175.4	-8,782.0	2,324.0	2,181.4	142.64	16.293	
16,700.0	7,790.0	19,229.9	10,109.5	220.9	530.3	179.44	-182.9	-8,909.8	2,320.7	2,176.3	144.39	16.073	
16,800.0	7,790.0	19,271.0	10,108.5	223.3	532.6	179.49	-186.8	-8,950.7	2,318.6	2,173.2	145.40	15.947	
16,841.0	7,790.0	19,299.1	10,108.2	224.3	534.3	179.54	-189.7	-8,978.6	2,318.3	2,172.4	145.89	15.891	
16,900.0	7,790.0	19,319.6	10,108.5	225.8	535.4	179.58	-192.1	-8,999.0	2,318.9	2,172.5	146.40	15.839	
17,000.0	7,790.0	19,591.7	10,105.9	228.2	551.1	-179.83	-227.3	-9,268.6	2,319.5	2,170.1	149.44	15.521	
17,100.0	7,790.0	19,649.0	10,103.2	230.6	554.4	-179.71	-234.6	-9,325.3	2,314.8	2,164.1	150.71	15.359	
17,200.0	7,790.0	19,718.1	10,101.0	233.0	558.4	-179.58	-242.7	-9,393.9	2,311.8	2,159.7	152.08	15.201	
17,300.0	7,790.0	19,805.8	10,099.3	235.5	563.4	-179.42	-252.5	-9,481.1	2,309.8	2,156.2	153.65	15.033	
17,400.0	7,790.0	19,878.7	10,098.2	237.9	567.7	-179.29	-261.0	-9,553.4	2,308.4	2,153.3	155.08	14.886	
17,437.0	7,790.0	19,900.7	10,098.1	238.8	568.9	-179.25	-263.6	-9,575.3	2,308.3	2,152.7	155.55	14.840	
17,500.0	7,790.0	19,965.2	10,098.3	240.3	572.6	-179.12	-271.4	-9,639.3	2,308.6	2,151.9	156.70	14.732	
17,600.0	7,790.0	20,136.8	10,094.7	242.7	582.6	-178.84	-289.9	-9,809.9	2,306.3	2,146.9	159.43	14.466	
17,700.0	7,790.0	20,245.2	10,090.3	245.2	588.9	-178.69	-300.2	-9,917.7	2,302.3	2,141.0	161.35	14.269	
17,800.0	7,790.0	20,313.0	10,088.8	247.6	592.8	-178.60	-306.7	-9,985.2	2,300.0	2,137.2	162.81	14.127	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein #223 - OH - Actual

Survey Program: 135-MWD

Offset Site Error: 0.0 usft

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,861.3	7,790.0	20,326.0	10,088.8	249.1	593.5	-178.58	-307.9	-9,998.1	2,299.5	2,136.2	163.31	14.080	
17,900.0	7,790.0	20,344.8	10,088.8	250.0	594.6	-178.55	-309.8	-10,016.9	2,299.6	2,135.9	163.75	14.044	
18,000.0	7,790.0	20,427.7	10,090.0	252.5	599.4	-178.44	-317.8	-10,099.3	2,301.1	2,135.7	165.38	13.914	
18,079.9	7,790.0	20,424.0	10,089.9	254.4	599.2	-178.44	-317.4	-10,095.6	2,303.9	2,138.4	165.53	13.918	
18,080.6	7,790.0	20,424.0	10,089.9	254.4	599.2	-178.44	-317.4	-10,095.6	2,304.0	2,138.4	165.59	13.914	

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #113H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	90.00	0.0	30.0	30.0				
100.0	100.0	100.0	100.0	0.1	0.1	90.00	0.0	30.0	30.0	29.7	0.26	117.057	
200.0	200.0	200.0	200.0	0.5	0.5	90.00	0.0	30.0	30.0	29.0	0.97	30.827	
300.0	300.0	300.0	300.0	0.8	0.8	90.00	0.0	30.0	30.0	28.3	1.69	17.751	
400.0	400.0	400.0	400.0	1.2	1.2	90.00	0.0	30.0	30.0	27.6	2.41	12.464	
500.0	500.0	500.0	500.0	1.6	1.6	90.00	0.0	30.0	30.0	26.9	3.12	9.604	
600.0	600.0	600.0	600.0	1.9	1.9	90.00	0.0	30.0	30.0	26.2	3.84	7.811	
700.0	700.0	700.0	700.0	2.3	2.3	90.00	0.0	30.0	30.0	25.4	4.56	6.582	
800.0	800.0	800.0	800.0	2.6	2.6	90.00	0.0	30.0	30.0	24.7	5.27	5.688	
900.0	900.0	900.0	900.0	3.0	3.0	90.00	0.0	30.0	30.0	24.0	5.99	5.007	
1,000.0	1,000.0	1,000.0	1,000.0	3.4	3.4	90.00	0.0	30.0	30.0	23.3	6.71	4.472	
1,100.0	1,100.0	1,099.7	1,099.7	3.7	3.7	-1.61	-0.7	30.5	29.7	22.3	7.40	4.009	
1,200.0	1,200.0	1,199.3	1,199.3	4.0	4.0	2.33	-2.8	32.1	28.7	20.7	8.07	3.559	
1,300.0	1,299.9	1,298.9	1,298.8	4.4	4.4	9.42	-6.2	34.7	27.5	18.7	8.75	3.143	
1,400.0	1,399.7	1,398.4	1,398.1	4.7	4.7	20.18	-11.1	38.3	26.5	17.1	9.43	2.815	
1,438.7	1,438.3	1,436.9	1,436.4	4.9	4.8	25.34	-13.3	40.0	26.4	16.7	9.69	2.727	CC
1,500.0	1,499.4	1,497.8	1,497.1	5.1	5.0	34.42	-17.3	43.0	26.8	16.7	10.11	2.648	ES, SF
1,600.0	1,598.9	1,597.0	1,595.9	5.5	5.4	50.24	-24.9	48.6	29.2	18.4	10.79	2.702	
1,700.0	1,698.3	1,696.0	1,694.2	5.8	5.8	64.75	-33.8	55.3	34.3	22.8	11.50	2.986	
1,800.0	1,797.4	1,805.3	1,792.1	6.2	6.2	76.25	-44.0	63.0	42.2	30.0	12.26	3.445	
1,900.0	1,896.4	1,906.0	1,890.5	6.6	6.5	84.39	-55.1	71.3	52.0	39.0	13.02	3.993	
2,000.0	1,995.5	2,006.7	1,988.8	7.0	6.9	89.90	-66.2	79.6	62.5	48.7	13.79	4.529	
2,100.0	2,094.5	2,092.6	2,087.2	7.4	7.3	93.80	-77.2	87.9	73.3	58.8	14.51	5.054	
2,200.0	2,193.5	2,208.1	2,185.5	7.8	7.7	96.69	-88.3	96.1	84.5	69.1	15.35	5.504	
2,300.0	2,292.5	2,308.8	2,283.8	8.2	8.1	98.90	-99.3	104.4	95.8	79.6	16.13	5.936	
2,400.0	2,391.6	2,409.5	2,382.2	8.6	8.5	100.64	-110.4	112.7	107.2	90.2	16.92	6.333	
2,500.0	2,490.6	2,489.8	2,480.5	9.0	8.8	102.05	-121.5	121.0	118.6	101.0	17.63	6.728	
2,600.0	2,589.6	2,589.1	2,578.8	9.4	9.2	103.21	-132.5	129.3	130.2	111.8	18.42	7.066	
2,700.0	2,688.6	2,688.4	2,677.2	9.8	9.6	104.18	-143.6	137.6	141.8	122.6	19.22	7.377	
2,800.0	2,787.7	2,787.7	2,775.5	10.2	10.0	105.00	-154.6	145.9	153.4	133.4	20.01	7.665	
2,900.0	2,886.7	2,887.0	2,873.8	10.6	10.5	105.71	-165.7	154.1	165.0	144.2	20.81	7.931	
3,000.0	2,985.7	2,986.3	2,972.2	11.0	10.9	106.32	-176.8	162.4	176.7	155.1	21.61	8.178	
3,100.0	3,084.8	3,085.6	3,070.5	11.4	11.3	106.86	-187.8	170.7	188.4	166.0	22.41	8.407	
3,146.9	3,131.2	3,132.1	3,116.6	11.6	11.5	107.09	-193.0	174.6	193.9	171.1	22.78	8.509	
3,200.0	3,183.8	3,184.9	3,168.8	11.8	11.7	107.32	-198.9	179.0	200.0	176.8	23.21	8.616	
3,300.0	3,283.2	3,284.3	3,267.3	12.2	12.1	107.20	-209.9	187.3	210.9	186.9	23.99	8.789	
3,400.0	3,382.8	3,383.7	3,365.7	12.6	12.5	106.45	-221.0	195.6	221.0	196.3	24.76	8.926	
3,500.0	3,482.6	3,483.1	3,464.1	13.0	12.9	105.14	-232.1	203.9	230.6	205.1	25.51	9.038	
3,600.0	3,582.6	3,582.4	3,562.4	13.3	13.3	103.33	-243.1	212.2	239.6	213.4	26.24	9.132	
3,680.2	3,662.8	3,661.9	3,641.2	13.6	13.6	-165.57	-252.0	218.8	246.7	219.9	26.80	9.203	
3,700.0	3,682.6	3,681.5	3,660.6	13.7	13.7	-166.07	-254.2	220.4	248.4	221.5	26.94	9.222	
3,800.0	3,782.6	3,780.5	3,758.6	14.0	14.1	-168.45	-265.2	228.7	257.5	229.9	27.63	9.321	
3,900.0	3,882.6	3,879.5	3,856.7	14.3	14.6	-170.68	-276.2	237.0	267.0	238.7	28.31	9.430	
4,000.0	3,982.6	3,978.6	3,954.8	14.6	15.0	-172.74	-287.3	245.2	276.9	247.9	29.00	9.548	
4,100.0	4,082.6	4,077.6	4,052.8	15.0	15.4	-174.67	-298.3	253.5	287.1	257.4	29.68	9.672	
4,200.0	4,182.6	4,178.9	4,153.2	15.3	15.8	-176.48	-309.4	261.8	297.4	267.1	30.39	9.788	
4,300.0	4,282.6	4,284.7	4,258.3	15.7	16.2	-177.96	-319.2	269.2	306.4	275.2	31.13	9.841	
4,400.0	4,382.6	4,391.1	4,364.2	16.0	16.6	-179.04	-326.7	274.8	313.3	281.4	31.86	9.832	
4,500.0	4,482.6	4,497.9	4,470.9	16.3	17.0	-179.74	-331.8	278.6	318.0	285.4	32.58	9.762	
4,600.0	4,582.6	4,605.0	4,577.9	16.7	17.4	179.89	-334.5	280.7	320.6	287.3	33.28	9.634	
4,700.0	4,682.6	4,709.7	4,682.6	17.0	17.7	179.82	-335.0	281.0	321.0	287.1	33.95	9.457	
4,800.0	4,782.6	4,809.7	4,782.6	17.3	18.0	179.82	-335.0	281.0	321.0	286.4	34.62	9.275	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #113H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,900.0	4,882.6	4,909.7	4,882.6	17.7	18.4	179.82	-335.0	281.0	321.0	285.8	35.28	9.099	
5,000.0	4,982.6	5,009.7	4,982.6	18.0	18.7	179.82	-335.0	281.0	321.0	285.1	35.95	8.929	
5,100.0	5,082.6	5,109.7	5,082.6	18.4	19.0	179.82	-335.0	281.0	321.0	284.4	36.63	8.765	
5,200.0	5,182.6	5,209.7	5,182.6	18.7	19.3	179.82	-335.0	281.0	321.0	283.7	37.30	8.607	
5,300.0	5,282.6	5,309.7	5,282.6	19.1	19.6	179.82	-335.0	281.0	321.0	283.1	37.97	8.454	
5,400.0	5,382.6	5,409.7	5,382.6	19.4	19.9	179.82	-335.0	281.0	321.0	282.4	38.65	8.306	
5,500.0	5,482.6	5,509.7	5,482.6	19.8	20.3	179.82	-335.0	281.0	321.0	281.7	39.33	8.163	
5,600.0	5,582.6	5,609.7	5,582.6	20.1	20.6	179.82	-335.0	281.0	321.0	281.0	40.01	8.024	
5,700.0	5,682.6	5,709.7	5,682.6	20.4	20.9	179.82	-335.0	281.0	321.0	280.4	40.69	7.890	
5,800.0	5,782.6	5,809.7	5,782.6	20.8	21.2	179.82	-335.0	281.0	321.0	279.7	41.37	7.760	
5,900.0	5,882.6	5,909.7	5,882.6	21.1	21.6	179.82	-335.0	281.0	321.0	279.0	42.06	7.634	
6,000.0	5,982.6	6,009.7	5,982.6	21.5	21.9	179.82	-335.0	281.0	321.0	278.3	42.74	7.512	
6,100.0	6,082.6	6,109.7	6,082.6	21.8	22.2	179.82	-335.0	281.0	321.0	277.6	43.43	7.393	
6,200.0	6,182.6	6,209.7	6,182.6	22.2	22.5	179.82	-335.0	281.0	321.0	276.9	44.11	7.278	
6,300.0	6,282.6	6,309.7	6,282.6	22.5	22.9	179.82	-335.0	281.0	321.0	276.2	44.80	7.166	
6,400.0	6,382.6	6,409.7	6,382.6	22.9	23.2	179.82	-335.0	281.0	321.0	275.6	45.49	7.058	
6,500.0	6,482.6	6,514.2	6,487.0	23.2	23.5	-179.62	-334.6	277.9	320.6	274.5	46.17	6.945	
6,600.0	6,582.6	6,618.2	6,588.9	23.6	23.8	-176.02	-331.9	257.9	318.7	271.8	46.87	6.800	
6,666.6	6,649.2	6,682.3	6,649.2	23.8	24.0	-172.15	-328.9	236.6	317.9	270.6	47.34	6.715	
6,700.0	6,682.6	6,712.3	6,676.6	23.9	24.0	-169.92	-327.2	224.4	318.2	270.6	47.57	6.689	
6,800.0	6,782.6	6,793.6	6,747.0	24.3	24.2	-162.71	-321.7	184.3	324.2	276.3	47.96	6.760	
6,900.0	6,882.6	6,861.9	6,801.2	24.6	24.3	-155.63	-316.0	143.2	341.4	293.9	47.50	7.187	
7,000.0	6,982.6	6,918.6	6,842.3	25.0	24.4	-149.39	-310.7	104.5	372.2	326.3	45.92	8.105	
7,100.0	7,082.6	6,965.6	6,873.2	25.3	24.5	-144.20	-305.9	69.5	416.4	372.9	43.47	9.577	
7,200.0	7,182.6	7,000.0	6,894.0	25.7	24.6	-140.48	-302.1	42.3	472.0	431.6	40.45	11.668	
7,234.4	7,217.0	7,016.5	6,903.3	25.8	24.6	-138.74	-300.3	28.9	493.4	453.7	39.67	12.437	
7,250.0	7,232.6	7,021.7	6,906.2	25.8	24.6	-57.17	-299.7	24.6	503.3	464.1	39.23	12.829	
7,300.0	7,282.4	7,039.0	6,915.5	26.0	24.7	-52.22	-297.7	10.1	535.2	497.3	37.85	14.139	
7,350.0	7,331.8	7,050.0	6,921.1	26.2	24.7	-48.22	-296.4	0.8	566.8	530.6	36.24	15.641	
7,400.0	7,380.3	7,075.3	6,933.4	26.3	24.8	-43.77	-293.4	-21.1	597.7	562.4	35.26	16.950	
7,450.0	7,427.5	7,100.0	6,944.5	26.4	24.9	-40.02	-290.4	-43.0	627.7	593.4	34.28	18.312	
7,500.0	7,473.2	7,113.2	6,950.1	26.6	24.9	-37.29	-288.7	-54.9	656.4	623.5	32.90	19.949	
7,550.0	7,516.9	7,132.7	6,957.7	26.7	25.0	-34.71	-286.3	-72.6	683.8	651.9	31.82	21.487	
7,600.0	7,558.3	7,150.0	6,964.0	26.8	25.1	-32.56	-284.1	-88.6	709.6	678.8	30.73	23.090	
7,650.0	7,597.1	7,172.4	6,971.4	27.0	25.3	-30.62	-281.2	-109.6	733.7	703.8	29.88	24.550	
7,700.0	7,633.0	7,200.0	6,979.4	27.1	25.4	-28.91	-277.6	-135.7	756.0	726.7	29.25	25.842	
7,750.0	7,665.8	7,212.9	6,982.7	27.3	25.5	-27.68	-275.9	-148.1	776.2	747.9	28.31	27.419	
7,800.0	7,695.1	7,233.4	6,987.3	27.5	25.7	-26.55	-273.1	-167.9	794.5	766.9	27.69	28.692	
7,850.0	7,720.8	7,250.0	6,990.5	27.7	25.8	-25.65	-270.9	-184.0	810.8	783.7	27.12	29.895	
7,900.0	7,742.7	7,274.8	6,994.5	27.9	26.0	-24.86	-267.6	-208.2	824.8	798.0	26.86	30.710	
7,950.0	7,760.5	7,300.0	6,997.4	28.2	26.2	-24.24	-264.2	-233.0	836.7	810.0	26.72	31.307	
8,000.0	7,774.3	7,316.4	6,998.7	28.5	26.3	-23.79	-261.9	-249.3	846.3	819.6	26.64	31.770	
8,050.0	7,783.7	7,337.4	6,999.7	28.9	26.5	-23.47	-259.1	-270.0	853.6	826.8	26.77	31.879	
8,100.0	7,788.9	7,363.1	7,000.0	29.3	26.7	-23.27	-255.6	-295.4	858.5	831.4	27.10	31.679	
8,134.4	7,790.0	7,393.8	7,000.0	29.6	27.0	-23.27	-251.6	-325.9	860.1	832.7	27.47	31.306	
8,200.0	7,790.0	7,452.3	7,000.0	30.2	27.7	-23.48	-245.0	-384.0	861.5	833.2	28.30	30.446	
8,300.0	7,790.0	7,541.4	7,000.0	31.2	28.7	-23.77	-237.3	-472.8	863.4	833.7	29.64	29.125	
8,400.0	7,790.0	7,630.4	7,000.0	32.4	29.9	-24.04	-232.3	-561.7	865.2	834.1	31.11	27.809	
8,500.0	7,790.0	7,719.4	7,000.0	33.7	31.2	-24.29	-230.1	-650.6	866.8	834.1	32.68	26.526	
8,600.0	7,790.0	7,808.2	7,000.0	35.2	32.5	-24.51	-230.6	-739.4	868.3	834.0	34.33	25.295	
8,700.0	7,790.0	7,904.3	7,000.0	36.7	34.1	-24.68	-233.5	-835.5	869.4	833.3	36.10	24.084	
8,756.0	7,790.0	7,960.3	7,000.0	37.6	35.1	-24.68	-235.3	-891.5	869.4	832.3	37.09	23.443	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #113H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,800.0	7,790.0	8,004.3	7,000.0	38.3	35.8	-24.65	-236.7	-935.4	869.2	831.4	37.85	22.965	
8,900.0	7,790.0	8,104.3	7,000.0	40.0	37.6	-24.59	-240.0	-1,035.4	868.8	829.2	39.64	21.916	
9,000.0	7,790.0	8,204.3	7,000.0	41.8	39.5	-24.54	-243.2	-1,135.3	868.4	826.9	41.50	20.926	
9,100.0	7,790.0	8,304.3	7,000.0	43.6	41.5	-24.48	-246.4	-1,235.2	868.0	824.6	43.41	19.997	
9,200.0	7,790.0	8,404.3	7,000.0	45.5	43.4	-24.42	-249.6	-1,335.2	867.7	822.3	45.36	19.127	
9,300.0	7,790.0	8,504.3	7,000.0	47.5	45.5	-24.37	-252.8	-1,435.1	867.3	819.9	47.35	18.315	
9,400.0	7,790.0	8,604.3	7,000.0	49.5	47.6	-24.31	-256.0	-1,535.1	866.9	817.5	49.38	17.555	
9,500.0	7,790.0	8,704.3	7,000.0	51.5	49.7	-24.25	-259.2	-1,635.0	866.5	815.1	51.43	16.847	
9,600.0	7,790.0	8,804.3	7,000.0	53.6	51.8	-24.20	-262.4	-1,735.0	866.1	812.6	53.51	16.186	
9,700.0	7,790.0	8,904.3	7,000.0	55.7	54.0	-24.14	-265.6	-1,834.9	865.7	810.1	55.60	15.569	
9,800.0	7,790.0	9,004.2	7,000.0	57.8	56.1	-24.08	-268.9	-1,934.9	865.3	807.6	57.72	14.992	
9,900.0	7,790.0	9,104.2	7,000.0	59.9	58.3	-24.03	-272.1	-2,034.8	864.9	805.1	59.85	14.453	
10,000.0	7,790.0	9,204.2	7,000.0	62.1	60.6	-23.97	-275.3	-2,134.7	864.6	802.6	61.99	13.947	
10,100.0	7,790.0	9,304.2	7,000.0	64.3	62.8	-23.91	-278.5	-2,234.7	864.2	800.0	64.14	13.473	
10,200.0	7,790.0	9,404.2	7,000.0	66.5	65.1	-23.85	-281.7	-2,334.6	863.8	797.5	66.30	13.029	
10,300.0	7,790.0	9,504.2	7,000.0	68.7	67.3	-23.80	-284.9	-2,434.6	863.4	794.9	68.47	12.611	
10,400.0	7,790.0	9,604.2	7,000.0	71.0	69.6	-23.74	-288.1	-2,534.5	863.0	792.4	70.64	12.217	
10,500.0	7,790.0	9,704.2	7,000.0	73.2	71.9	-23.68	-291.3	-2,634.5	862.6	789.8	72.82	11.847	
10,600.0	7,790.0	9,804.2	7,000.0	75.5	74.2	-23.62	-294.5	-2,734.4	862.3	787.3	75.00	11.497	
10,700.0	7,790.0	9,904.2	7,000.0	77.7	76.5	-23.57	-297.7	-2,834.3	861.9	784.7	77.18	11.167	
10,800.0	7,790.0	10,004.2	7,000.0	80.0	78.8	-23.51	-301.0	-2,934.3	861.5	782.1	79.37	10.854	
10,900.0	7,790.0	10,104.2	7,000.0	82.3	81.2	-23.45	-304.2	-3,034.2	861.1	779.6	81.56	10.558	
11,000.0	7,790.0	10,204.2	7,000.0	84.6	83.5	-23.39	-307.4	-3,134.2	860.8	777.0	83.75	10.278	
11,100.0	7,790.0	10,304.2	7,000.0	86.9	85.8	-23.34	-310.6	-3,234.1	860.4	774.5	85.94	10.012	
11,200.0	7,790.0	10,404.2	7,000.0	89.2	88.2	-23.28	-313.8	-3,334.1	860.0	771.9	88.12	9.759	
11,300.0	7,790.0	10,504.2	7,000.0	91.6	90.5	-23.22	-317.0	-3,434.0	859.6	769.3	90.31	9.519	
11,400.0	7,790.0	10,604.2	7,000.0	93.9	92.9	-23.16	-320.2	-3,534.0	859.3	766.8	92.50	9.290	
11,500.0	7,790.0	10,704.2	7,000.0	96.2	95.3	-23.10	-323.4	-3,633.9	858.9	764.2	94.68	9.071	
11,600.0	7,790.0	10,804.2	7,000.0	98.6	97.6	-23.05	-326.6	-3,733.8	858.5	761.7	96.86	8.863	
11,700.0	7,790.0	10,904.2	7,000.0	100.9	100.0	-22.99	-329.9	-3,833.8	858.2	759.1	99.04	8.664	
11,800.0	7,790.0	11,004.2	7,000.0	103.3	102.4	-22.93	-333.1	-3,933.7	857.8	756.6	101.22	8.474	
11,900.0	7,790.0	11,104.2	7,000.0	105.6	104.7	-22.87	-336.3	-4,033.7	857.4	754.0	103.39	8.293	
12,000.0	7,790.0	11,204.2	7,000.0	108.0	107.1	-22.81	-339.5	-4,133.6	857.1	751.5	105.56	8.119	
12,100.0	7,790.0	11,304.1	7,000.0	110.3	109.5	-22.76	-342.7	-4,233.6	856.7	749.0	107.73	7.952	
12,200.0	7,790.0	11,404.1	7,000.0	112.7	111.9	-22.70	-345.9	-4,333.5	856.3	746.4	109.90	7.792	
12,300.0	7,790.0	11,504.1	7,000.0	115.1	114.3	-22.64	-349.1	-4,433.5	856.0	743.9	112.06	7.639	
12,400.0	7,790.0	11,604.1	7,000.0	117.4	116.7	-22.58	-352.3	-4,533.4	855.6	741.4	114.21	7.491	
12,500.0	7,790.0	11,704.1	7,000.0	119.8	119.0	-22.52	-355.5	-4,633.3	855.2	738.9	116.36	7.350	
12,600.0	7,790.0	11,804.1	7,000.0	122.2	121.4	-22.46	-358.8	-4,733.3	854.9	736.4	118.51	7.213	
12,700.0	7,790.0	11,904.1	7,000.0	124.6	123.8	-22.40	-362.0	-4,833.2	854.5	733.9	120.66	7.082	
12,800.0	7,790.0	12,004.1	7,000.0	127.0	126.2	-22.35	-365.2	-4,933.2	854.1	731.4	122.79	6.956	
12,900.0	7,790.0	12,104.1	7,000.0	129.3	128.6	-22.29	-368.4	-5,033.1	853.8	728.9	124.93	6.834	
13,000.0	7,790.0	12,204.1	7,000.0	131.7	131.0	-22.23	-371.6	-5,133.1	853.4	726.4	127.06	6.717	
13,100.0	7,790.0	12,304.1	7,000.0	134.1	133.4	-22.17	-374.8	-5,233.0	853.1	723.9	129.18	6.604	
13,200.0	7,790.0	12,404.1	7,000.0	136.5	135.8	-22.11	-378.0	-5,332.9	852.7	721.4	131.30	6.494	
13,300.0	7,790.0	12,504.1	7,000.0	138.9	138.2	-22.05	-381.2	-5,432.9	852.4	718.9	133.42	6.389	
13,400.0	7,790.0	12,604.1	7,000.0	141.3	140.6	-21.99	-384.4	-5,532.8	852.0	716.5	135.53	6.287	
13,500.0	7,790.0	12,704.1	7,000.0	143.7	143.1	-21.93	-387.7	-5,632.8	851.7	714.0	137.63	6.188	
13,600.0	7,790.0	12,804.1	7,000.0	146.1	145.5	-21.88	-390.9	-5,732.7	851.3	711.6	139.73	6.092	
13,700.0	7,790.0	12,904.1	7,000.0	148.5	147.9	-21.82	-394.1	-5,832.7	851.0	709.1	141.83	6.000	
13,800.0	7,790.0	13,004.1	7,000.0	150.9	150.3	-21.76	-397.3	-5,932.6	850.6	706.7	143.91	5.910	
13,900.0	7,790.0	13,104.1	7,000.0	153.3	152.7	-21.70	-400.5	-6,032.6	850.3	704.3	146.00	5.824	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #113H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,000.0	7,790.0	13,204.1	7,000.0	155.7	155.1	-21.64	-403.7	-6,132.5	849.9	701.8	148.08	5.740	
14,100.0	7,790.0	13,304.1	7,000.0	158.1	157.5	-21.58	-406.9	-6,232.4	849.6	699.4	150.15	5.658	
14,200.0	7,790.0	13,404.1	7,000.0	160.5	159.9	-21.52	-410.1	-6,332.4	849.2	697.0	152.21	5.579	
14,300.0	7,790.0	13,504.0	7,000.0	162.9	162.4	-21.46	-413.3	-6,432.3	848.9	694.6	154.28	5.502	
14,400.0	7,790.0	13,604.0	7,000.0	165.3	164.8	-21.40	-416.6	-6,532.3	848.5	692.2	156.33	5.428	
14,500.0	7,790.0	13,704.0	7,000.0	167.7	167.2	-21.34	-419.8	-6,632.2	848.2	689.8	158.38	5.355	
14,600.0	7,790.0	13,804.0	7,000.0	170.1	169.6	-21.28	-423.0	-6,732.2	847.8	687.4	160.43	5.285	
14,700.0	7,790.0	13,904.0	7,000.0	172.5	172.0	-21.22	-426.2	-6,832.1	847.5	685.0	162.46	5.216	
14,800.0	7,790.0	14,004.0	7,000.0	175.0	174.5	-21.16	-429.4	-6,932.1	847.1	682.6	164.50	5.150	
14,900.0	7,790.0	14,104.0	7,000.0	177.4	176.9	-21.10	-432.6	-7,032.0	846.8	680.3	166.52	5.085	
15,000.0	7,790.0	14,204.0	7,000.0	179.8	179.3	-21.04	-435.8	-7,131.9	846.5	677.9	168.55	5.022	
15,100.0	7,790.0	14,304.0	7,000.0	182.2	181.7	-20.98	-439.0	-7,231.9	846.1	675.6	170.56	4.961	
15,200.0	7,790.0	14,404.0	7,000.0	184.6	184.1	-20.93	-442.2	-7,331.8	845.8	673.2	172.57	4.901	
15,300.0	7,790.0	14,504.0	7,000.0	187.0	186.6	-20.87	-445.5	-7,431.8	845.4	670.9	174.58	4.843	
15,400.0	7,790.0	14,604.0	7,000.0	189.4	189.0	-20.81	-448.7	-7,531.7	845.1	668.5	176.57	4.786	
15,500.0	7,790.0	14,704.0	7,000.0	191.9	191.4	-20.75	-451.9	-7,631.7	844.8	666.2	178.56	4.731	
15,600.0	7,790.0	14,804.0	7,000.0	194.3	193.8	-20.69	-455.1	-7,731.6	844.4	663.9	180.55	4.677	
15,700.0	7,790.0	14,904.0	7,000.0	196.7	196.3	-20.63	-458.3	-7,831.5	844.1	661.6	182.53	4.624	
15,800.0	7,790.0	15,004.0	7,000.0	199.1	198.7	-20.57	-461.5	-7,931.5	843.8	659.3	184.51	4.573	
15,900.0	7,790.0	15,104.0	7,000.0	201.5	201.1	-20.51	-464.7	-8,031.4	843.4	657.0	186.47	4.523	
16,000.0	7,790.0	15,204.0	7,000.0	204.0	203.5	-20.45	-467.9	-8,131.4	843.1	654.7	188.44	4.474	
16,100.0	7,790.0	15,304.0	7,000.0	206.4	206.0	-20.38	-471.1	-8,231.3	842.8	652.4	190.39	4.427	
16,200.0	7,790.0	15,404.0	7,000.0	208.8	208.4	-20.32	-474.4	-8,331.3	842.5	650.1	192.34	4.380	
16,300.0	7,790.0	15,504.0	7,000.0	211.2	210.8	-20.26	-477.6	-8,431.2	842.1	647.8	194.29	4.334	
16,400.0	7,790.0	15,604.0	7,000.0	213.6	213.3	-20.20	-480.8	-8,531.2	841.8	645.6	196.22	4.290	
16,500.0	7,790.0	15,703.9	7,000.0	216.1	215.7	-20.14	-484.0	-8,631.1	841.5	643.3	198.16	4.247	
16,600.0	7,790.0	15,803.9	7,000.0	218.5	218.1	-20.08	-487.2	-8,731.0	841.2	641.1	200.08	4.204	
16,700.0	7,790.0	15,903.9	7,000.0	220.9	220.6	-20.02	-490.4	-8,831.0	840.8	638.8	202.00	4.162	
16,800.0	7,790.0	16,003.9	7,000.0	223.3	223.0	-19.96	-493.6	-8,930.9	840.5	636.6	203.92	4.122	
16,900.0	7,790.0	16,103.9	7,000.0	225.8	225.4	-19.90	-496.8	-9,030.9	840.2	634.4	205.82	4.082	
17,000.0	7,790.0	16,203.9	7,000.0	228.2	227.8	-19.84	-500.0	-9,130.8	839.9	632.1	207.72	4.043	
17,100.0	7,790.0	16,303.9	7,000.0	230.6	230.3	-19.78	-503.3	-9,230.8	839.5	629.9	209.62	4.005	
17,200.0	7,790.0	16,403.9	7,000.0	233.0	232.7	-19.72	-506.5	-9,330.7	839.2	627.7	211.51	3.968	
17,300.0	7,790.0	16,503.9	7,000.0	235.5	235.1	-19.66	-509.7	-9,430.7	838.9	625.5	213.39	3.931	
17,400.0	7,790.0	16,603.9	7,000.0	237.9	237.6	-19.60	-512.9	-9,530.6	838.6	623.3	215.27	3.895	
17,500.0	7,790.0	16,703.9	7,000.0	240.3	240.0	-19.54	-516.1	-9,630.5	838.3	621.1	217.14	3.860	
17,600.0	7,790.0	16,803.9	7,000.0	242.7	242.4	-19.48	-519.3	-9,730.5	838.0	618.9	219.01	3.826	
17,700.0	7,790.0	16,903.9	7,000.0	245.2	244.9	-19.42	-522.5	-9,830.4	837.6	616.8	220.87	3.792	
17,800.0	7,790.0	17,003.9	7,000.0	247.6	247.3	-19.35	-525.7	-9,930.4	837.3	614.6	222.72	3.760	
17,900.0	7,790.0	17,103.9	7,000.0	250.0	249.7	-19.29	-528.9	-10,030.3	837.0	612.4	224.57	3.727	
18,000.0	7,790.0	17,203.9	7,000.0	252.5	252.2	-19.23	-532.2	-10,130.3	836.7	610.3	226.41	3.696	
18,079.9	7,790.0	17,283.8	7,000.0	254.4	254.1	-19.18	-534.7	-10,210.1	836.5	608.6	227.87	3.671	
18,080.6	7,790.0	17,284.5	7,000.0	254.4	254.1	-19.18	-534.7	-10,210.8	836.4	608.6	227.89	3.670	

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #114H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	135.00	-30.0	30.0	42.4				
100.0	100.0	100.0	100.0	0.1	0.1	135.00	-30.0	30.0	42.4	42.2	0.26	165.544	
200.0	200.0	200.0	200.0	0.5	0.5	135.00	-30.0	30.0	42.4	41.5	0.97	43.596	
300.0	300.0	300.0	300.0	0.8	0.8	135.00	-30.0	30.0	42.4	40.7	1.69	25.104	
400.0	400.0	400.0	400.0	1.2	1.2	135.00	-30.0	30.0	42.4	40.0	2.41	17.627	
500.0	500.0	500.0	500.0	1.6	1.6	135.00	-30.0	30.0	42.4	39.3	3.12	13.582	CC, ES
600.0	600.0	599.4	599.4	1.9	1.9	135.64	-30.8	30.2	43.1	39.3	3.82	11.287	
700.0	700.0	698.7	698.7	2.3	2.2	137.45	-33.4	30.6	45.3	40.8	4.51	10.045	
800.0	800.0	797.9	797.8	2.6	2.6	140.10	-37.6	31.4	49.1	43.9	5.21	9.418	
900.0	900.0	896.9	896.6	3.0	2.9	143.19	-43.5	32.6	54.4	48.5	5.91	9.212	
1,000.0	1,000.0	995.7	995.1	3.4	3.3	146.34	-51.1	34.0	61.5	54.9	6.61	9.307	
1,100.0	1,100.0	1,094.2	1,093.2	3.7	3.6	56.98	-60.3	35.7	69.9	62.6	7.30	9.573	
1,200.0	1,200.0	1,192.4	1,190.7	4.0	4.0	61.12	-71.1	37.8	79.3	71.3	7.98	9.931	
1,300.0	1,299.9	1,290.2	1,287.7	4.4	4.4	65.55	-83.5	40.1	89.9	81.3	8.67	10.380	
1,400.0	1,399.7	1,387.5	1,384.0	4.7	4.8	69.99	-97.4	42.8	102.1	92.8	9.35	10.927	
1,500.0	1,499.4	1,484.4	1,479.5	5.1	5.2	74.27	-112.9	45.7	116.0	106.0	10.03	11.569	
1,600.0	1,598.9	1,580.6	1,574.2	5.5	5.6	78.27	-129.8	48.9	131.8	121.1	10.72	12.299	
1,700.0	1,698.3	1,676.2	1,668.0	5.8	6.0	81.93	-148.2	52.4	149.5	138.1	11.41	13.106	
1,800.0	1,797.4	1,771.2	1,760.8	6.2	6.4	85.24	-168.0	56.2	169.2	157.1	12.11	13.976	
1,900.0	1,896.4	1,865.4	1,852.6	6.6	6.8	88.16	-189.1	60.2	191.0	178.2	12.81	14.903	
2,000.0	1,995.5	1,959.1	1,943.3	7.0	7.3	90.37	-211.5	64.4	214.7	201.1	13.52	15.872	
2,100.0	2,094.5	2,052.0	2,033.1	7.4	7.8	92.03	-235.3	68.9	240.1	225.9	14.24	16.867	
2,200.0	2,193.5	2,144.2	2,121.7	7.8	8.2	93.27	-260.2	73.7	267.2	252.3	14.95	17.877	
2,300.0	2,292.5	2,238.9	2,212.4	8.2	8.7	94.24	-286.9	78.7	295.5	279.8	15.71	18.815	
2,400.0	2,391.6	2,334.6	2,304.1	8.6	9.3	95.04	-313.9	83.8	323.9	307.4	16.49	19.645	
2,500.0	2,490.6	2,430.4	2,395.9	9.0	9.8	95.72	-341.0	89.0	352.4	335.1	17.28	20.396	
2,600.0	2,589.6	2,526.2	2,487.6	9.4	10.3	96.29	-368.0	94.1	380.9	362.8	18.07	21.079	
2,700.0	2,688.6	2,622.0	2,579.4	9.8	10.8	96.79	-395.1	99.2	409.4	390.5	18.87	21.700	
2,800.0	2,787.7	2,717.8	2,671.1	10.2	11.4	97.22	-422.1	104.4	438.0	418.3	19.67	22.269	
2,900.0	2,886.7	2,813.6	2,762.9	10.6	11.9	97.59	-449.2	109.5	466.5	446.1	20.47	22.790	
3,000.0	2,985.7	2,909.4	2,854.6	11.0	12.4	97.93	-476.2	114.6	495.1	473.8	21.28	23.270	
3,100.0	3,084.8	3,005.2	2,946.4	11.4	13.0	98.22	-503.3	119.8	523.7	501.6	22.09	23.712	
3,146.9	3,131.2	3,050.1	2,989.4	11.6	13.2	98.35	-516.0	122.2	537.1	514.7	22.47	23.908	
3,200.0	3,183.8	3,101.0	3,038.1	11.8	13.5	98.69	-530.3	124.9	552.3	529.4	22.89	24.122	
3,300.0	3,283.2	3,203.1	3,130.0	12.2	14.1	99.09	-557.4	130.0	580.5	556.8	23.71	24.480	
3,400.0	3,382.8	3,307.1	3,222.0	12.6	14.7	99.24	-584.5	135.2	608.3	583.8	24.52	24.812	
3,500.0	3,482.6	3,388.9	3,313.9	13.0	15.2	99.16	-611.6	140.3	635.8	610.6	25.21	25.224	
3,600.0	3,582.6	3,484.9	3,405.8	13.3	15.7	98.89	-638.7	145.5	662.9	637.0	25.93	25.563	
3,680.2	3,662.8	3,561.7	3,479.5	13.6	16.1	-168.59	-660.5	149.6	684.5	658.0	26.50	25.831	
3,700.0	3,682.6	3,580.7	3,497.6	13.7	16.3	-168.77	-665.8	150.6	689.8	663.2	26.64	25.897	
3,800.0	3,782.6	3,676.5	3,589.4	14.0	16.8	-169.62	-692.9	155.7	716.7	689.3	27.33	26.222	
3,900.0	3,882.6	3,772.3	3,681.1	14.3	17.4	-170.42	-719.9	160.8	743.7	715.7	28.03	26.535	
4,000.0	3,982.6	3,868.0	3,772.8	14.6	17.9	-171.15	-746.9	166.0	770.8	742.1	28.73	26.835	
4,100.0	4,082.6	3,963.8	3,864.6	15.0	18.5	-171.84	-774.0	171.1	798.1	768.7	29.43	27.123	
4,200.0	4,182.6	4,059.6	3,956.3	15.3	19.0	-172.49	-801.0	176.2	825.5	795.3	30.13	27.399	
4,300.0	4,282.6	4,155.4	4,048.1	15.7	19.6	-173.09	-828.1	181.4	852.9	822.1	30.83	27.665	
4,400.0	4,382.6	4,251.2	4,139.8	16.0	20.1	-173.65	-855.1	186.5	880.5	848.9	31.54	27.920	
4,500.0	4,482.6	4,346.9	4,231.5	16.3	20.7	-174.19	-882.2	191.6	908.1	875.8	32.24	28.164	
4,600.0	4,582.6	4,442.7	4,323.3	16.7	21.2	-174.69	-909.2	196.8	935.7	902.8	32.95	28.400	
4,700.0	4,682.6	4,538.5	4,415.0	17.0	21.8	-175.16	-936.3	201.9	963.5	929.8	33.66	28.626	
4,800.0	4,782.6	4,634.3	4,506.7	17.3	22.3	-175.60	-963.3	207.0	991.3	956.9	34.37	28.843	
4,900.0	4,882.6	4,730.1	4,598.5	17.7	22.9	-176.02	-990.4	212.1	1,019.1	984.0	35.08	29.052	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #114H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,982.6	4,825.8	4,690.2	18.0	23.5	-176.42	-1,017.4	217.3	1,047.0	1,011.2	35.79	29.253	
5,100.0	5,082.6	4,921.6	4,782.0	18.4	24.0	-176.80	-1,044.5	222.4	1,075.0	1,038.5	36.51	29.447	
5,200.0	5,182.6	5,017.4	4,873.7	18.7	24.6	-177.16	-1,071.5	227.5	1,103.0	1,065.7	37.22	29.634	
5,300.0	5,282.6	5,113.2	4,965.4	19.1	25.1	-177.50	-1,098.6	232.7	1,131.0	1,093.0	37.94	29.813	
5,400.0	5,382.6	5,209.0	5,057.2	19.4	25.7	-177.82	-1,125.6	237.8	1,159.0	1,120.4	38.65	29.986	
5,500.0	5,482.6	5,304.7	5,148.9	19.8	26.2	-178.13	-1,152.7	242.9	1,187.1	1,147.8	39.37	30.154	
5,600.0	5,582.6	5,400.5	5,240.7	20.1	26.8	-178.43	-1,179.7	248.1	1,215.2	1,175.2	40.09	30.315	
5,700.0	5,682.6	5,497.9	5,333.9	20.4	27.4	-178.72	-1,207.2	253.3	1,243.4	1,202.6	40.82	30.459	
5,800.0	5,782.6	5,640.1	5,470.9	20.8	28.2	-179.08	-1,244.7	260.4	1,269.7	1,227.7	41.95	30.268	
5,900.0	5,882.6	5,785.1	5,611.9	21.1	28.9	-179.39	-1,277.7	266.6	1,292.4	1,249.4	43.03	30.037	
6,000.0	5,982.6	5,932.5	5,756.5	21.5	29.6	-179.64	-1,305.9	272.0	1,311.5	1,267.5	44.05	29.774	
6,100.0	6,082.6	6,082.0	5,904.2	21.8	30.3	-179.84	-1,328.8	276.3	1,326.9	1,281.9	45.01	29.481	
6,200.0	6,182.6	6,233.1	6,054.2	22.2	30.9	-179.98	-1,346.2	279.6	1,338.4	1,292.5	45.89	29.163	
6,300.0	6,282.6	6,385.4	6,206.0	22.5	31.4	179.92	-1,357.9	281.8	1,346.0	1,299.3	46.70	28.822	
6,400.0	6,382.6	6,538.4	6,358.9	22.9	31.8	179.88	-1,363.6	282.9	1,349.8	1,302.3	47.42	28.463	
6,500.0	6,482.6	6,645.4	6,465.9	23.2	32.1	179.93	-1,364.4	281.7	1,350.5	1,302.4	48.08	28.091	
6,600.0	6,582.6	6,714.3	6,534.1	23.6	32.3	-179.71	-1,366.0	273.1	1,352.9	1,304.2	48.73	27.765	
6,700.0	6,682.6	6,780.1	6,598.0	23.9	32.4	-179.04	-1,368.9	257.4	1,357.8	1,308.4	49.35	27.513	
6,800.0	6,782.6	6,841.6	6,655.6	24.3	32.6	-178.16	-1,372.9	236.3	1,365.5	1,315.6	49.93	27.348	
6,900.0	6,882.6	6,900.0	6,707.9	24.6	32.7	-177.09	-1,377.6	210.7	1,376.5	1,326.1	50.45	27.282	
7,000.0	6,982.6	6,950.0	6,750.3	25.0	32.8	-176.02	-1,382.5	184.8	1,391.3	1,340.4	50.88	27.345	
7,100.0	7,082.6	7,000.0	6,790.3	25.3	32.9	-174.81	-1,387.9	155.3	1,410.2	1,359.0	51.22	27.530	
7,200.0	7,182.6	7,034.0	6,816.0	25.7	33.0	-173.92	-1,392.0	133.3	1,433.5	1,382.1	51.37	27.905	
7,234.4	7,217.0	7,050.0	6,827.5	25.8	33.0	-173.49	-1,394.0	122.5	1,442.6	1,391.1	51.43	28.050	
7,250.0	7,232.6	7,050.0	6,827.5	25.8	33.0	-93.09	-1,394.0	122.5	1,446.9	1,395.5	51.39	28.154	
7,300.0	7,282.4	7,070.8	6,842.1	26.0	33.0	-91.02	-1,396.8	108.0	1,461.5	1,410.1	51.41	28.430	
7,350.0	7,331.8	7,100.0	6,861.7	26.2	33.1	-88.68	-1,400.7	86.7	1,477.4	1,425.9	51.46	28.707	
7,400.0	7,380.3	7,100.0	6,861.7	26.3	33.1	-86.91	-1,400.7	86.7	1,494.1	1,442.9	51.23	29.163	
7,450.0	7,427.5	7,127.2	6,878.9	26.4	33.1	-84.53	-1,404.6	66.0	1,511.5	1,460.3	51.23	29.504	
7,500.0	7,473.2	7,150.0	6,892.6	26.6	33.2	-82.25	-1,407.9	48.0	1,529.5	1,478.3	51.18	29.887	
7,550.0	7,516.9	7,165.5	6,901.4	26.7	33.2	-80.10	-1,410.2	35.6	1,547.8	1,496.7	51.05	30.317	
7,600.0	7,558.3	7,184.7	6,912.0	26.8	33.3	-77.94	-1,413.2	19.7	1,566.3	1,515.3	50.98	30.724	
7,650.0	7,597.1	7,200.0	6,919.9	27.0	33.3	-75.87	-1,415.6	6.9	1,584.7	1,533.8	50.88	31.144	
7,700.0	7,633.0	7,223.4	6,931.4	27.1	33.3	-73.83	-1,419.3	-13.1	1,603.0	1,552.1	50.91	31.489	
7,750.0	7,665.8	7,250.0	6,943.5	27.3	33.4	-71.90	-1,423.7	-36.4	1,620.9	1,569.9	51.01	31.777	
7,800.0	7,695.1	7,250.0	6,943.5	27.5	33.4	-70.13	-1,423.7	-36.4	1,638.5	1,587.6	50.90	32.189	
7,850.0	7,720.8	7,281.3	6,956.3	27.7	33.5	-68.47	-1,428.9	-64.5	1,655.2	1,604.0	51.18	32.340	
7,900.0	7,742.7	7,300.0	6,963.2	27.9	33.5	-66.95	-1,432.1	-81.6	1,671.3	1,620.0	51.39	32.522	
7,950.0	7,760.5	7,319.8	6,969.8	28.2	33.5	-65.57	-1,435.5	-99.9	1,686.7	1,635.0	51.70	32.622	
8,000.0	7,774.3	7,350.0	6,978.7	28.5	33.6	-64.40	-1,440.8	-128.3	1,701.2	1,649.0	52.19	32.597	
8,050.0	7,783.7	7,350.0	6,978.7	28.9	33.6	-63.16	-1,440.8	-128.3	1,714.6	1,662.1	52.47	32.678	
8,100.0	7,788.9	7,377.0	6,985.4	29.3	33.7	-62.28	-1,445.6	-154.0	1,726.9	1,673.8	53.09	32.529	
8,134.4	7,790.0	7,400.0	6,990.1	29.6	33.8	-61.82	-1,449.7	-176.2	1,734.8	1,681.3	53.59	32.372	
8,200.0	7,790.0	7,415.1	6,992.7	30.2	33.8	-62.12	-1,452.4	-190.8	1,749.4	1,695.0	54.36	32.183	
8,300.0	7,790.0	7,450.0	6,997.2	31.2	33.9	-62.64	-1,458.7	-224.8	1,771.9	1,716.2	55.74	31.788	
8,400.0	7,790.0	7,500.0	6,999.9	32.4	34.1	-63.14	-1,467.9	-273.9	1,794.7	1,737.3	57.38	31.277	
8,500.0	7,790.0	7,666.2	7,000.0	33.7	34.9	-63.85	-1,493.9	-438.0	1,815.0	1,754.7	60.31	30.092	
8,600.0	7,790.0	7,898.5	7,000.0	35.2	36.8	-64.32	-1,514.3	-669.3	1,825.6	1,761.3	64.33	28.380	
8,700.0	7,790.0	8,007.7	7,000.0	36.7	38.0	-64.41	-1,518.9	-778.5	1,829.0	1,761.7	67.25	27.197	
8,756.0	7,790.0	8,063.8	7,000.0	37.6	38.7	-64.42	-1,521.2	-834.5	1,829.5	1,760.6	68.90	26.553	
8,800.0	7,790.0	8,107.7	7,000.0	38.3	39.3	-64.42	-1,523.0	-878.4	1,829.5	1,759.3	70.21	26.055	
8,900.0	7,790.0	8,207.7	7,000.0	40.0	40.7	-64.42	-1,527.2	-978.3	1,829.5	1,756.1	73.33	24.949	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #114H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,000.0	7,790.0	8,307.7	7,000.0	41.8	42.2	-64.42	-1,531.4	-1,078.2	1,829.5	1,752.9	76.58	23.890	
9,100.0	7,790.0	8,407.7	7,000.0	43.6	43.9	-64.42	-1,535.5	-1,178.1	1,829.5	1,749.5	79.94	22.885	
9,200.0	7,790.0	8,507.7	7,000.0	45.5	45.7	-64.42	-1,539.7	-1,278.1	1,829.5	1,746.1	83.41	21.935	
9,300.0	7,790.0	8,607.7	7,000.0	47.5	47.5	-64.42	-1,543.8	-1,378.0	1,829.5	1,742.5	86.96	21.038	
9,400.0	7,790.0	8,707.7	7,000.0	49.5	49.4	-64.42	-1,548.0	-1,477.9	1,829.5	1,738.9	90.60	20.193	
9,500.0	7,790.0	8,807.7	7,000.0	51.5	51.3	-64.42	-1,552.2	-1,577.8	1,829.5	1,735.2	94.31	19.399	
9,600.0	7,790.0	8,907.7	7,000.0	53.6	53.3	-64.42	-1,556.3	-1,677.7	1,829.5	1,731.4	98.08	18.653	
9,700.0	7,790.0	9,007.7	7,000.0	55.7	55.3	-64.42	-1,560.5	-1,777.6	1,829.5	1,727.6	101.90	17.953	
9,800.0	7,790.0	9,107.7	7,000.0	57.8	57.4	-64.42	-1,564.6	-1,877.5	1,829.5	1,723.7	105.78	17.296	
9,900.0	7,790.0	9,207.7	7,000.0	59.9	59.5	-64.42	-1,568.8	-1,977.4	1,829.5	1,719.8	109.70	16.678	
10,000.0	7,790.0	9,307.7	7,000.0	62.1	61.6	-64.42	-1,573.0	-2,077.4	1,829.5	1,715.9	113.65	16.097	
10,100.0	7,790.0	9,407.7	7,000.0	64.3	63.8	-64.42	-1,577.1	-2,177.3	1,829.5	1,711.9	117.65	15.551	
10,200.0	7,790.0	9,507.7	7,000.0	66.5	65.9	-64.42	-1,581.3	-2,277.2	1,829.5	1,707.9	121.67	15.036	
10,300.0	7,790.0	9,607.7	7,000.0	68.7	68.1	-64.42	-1,585.5	-2,377.1	1,829.5	1,703.8	125.73	14.552	
10,400.0	7,790.0	9,707.7	7,000.0	71.0	70.3	-64.42	-1,589.6	-2,477.0	1,829.5	1,699.7	129.81	14.094	
10,500.0	7,790.0	9,807.7	7,000.0	73.2	72.6	-64.42	-1,593.8	-2,576.9	1,829.5	1,695.6	133.91	13.662	
10,600.0	7,790.0	9,907.7	7,000.0	75.5	74.8	-64.42	-1,597.9	-2,676.8	1,829.6	1,691.5	138.04	13.254	
10,700.0	7,790.0	10,007.7	7,000.0	77.7	77.0	-64.42	-1,602.1	-2,776.8	1,829.6	1,687.4	142.19	12.867	
10,800.0	7,790.0	10,107.7	7,000.0	80.0	79.3	-64.42	-1,606.3	-2,876.7	1,829.6	1,683.2	146.35	12.501	
10,900.0	7,790.0	10,207.7	7,000.0	82.3	81.6	-64.42	-1,610.4	-2,976.6	1,829.6	1,679.0	150.54	12.154	
11,000.0	7,790.0	10,307.7	7,000.0	84.6	83.9	-64.42	-1,614.6	-3,076.5	1,829.6	1,674.8	154.73	11.824	
11,100.0	7,790.0	10,407.7	7,000.0	86.9	86.1	-64.42	-1,618.7	-3,176.4	1,829.6	1,670.6	158.94	11.511	
11,200.0	7,790.0	10,507.7	7,000.0	89.2	88.4	-64.42	-1,622.9	-3,276.3	1,829.6	1,666.4	163.17	11.213	
11,300.0	7,790.0	10,607.7	7,000.0	91.6	90.8	-64.42	-1,627.1	-3,376.2	1,829.6	1,662.2	167.40	10.929	
11,400.0	7,790.0	10,707.7	7,000.0	93.9	93.1	-64.42	-1,631.2	-3,476.1	1,829.6	1,657.9	171.65	10.659	
11,500.0	7,790.0	10,807.7	7,000.0	96.2	95.4	-64.42	-1,635.4	-3,576.1	1,829.6	1,653.7	175.91	10.401	
11,600.0	7,790.0	10,907.7	7,000.0	98.6	97.7	-64.42	-1,639.5	-3,676.0	1,829.6	1,649.4	180.18	10.155	
11,700.0	7,790.0	11,007.7	7,000.0	100.9	100.0	-64.42	-1,643.7	-3,775.9	1,829.6	1,645.2	184.45	9.919	
11,800.0	7,790.0	11,107.7	7,000.0	103.3	102.4	-64.42	-1,647.9	-3,875.8	1,829.6	1,640.9	188.74	9.694	
11,900.0	7,790.0	11,207.7	7,000.0	105.6	104.7	-64.42	-1,652.0	-3,975.7	1,829.6	1,636.6	193.03	9.478	
12,000.0	7,790.0	11,307.7	7,000.0	108.0	107.1	-64.42	-1,656.2	-4,075.6	1,829.6	1,632.3	197.33	9.272	
12,100.0	7,790.0	11,407.7	7,000.0	110.3	109.4	-64.42	-1,660.3	-4,175.5	1,829.6	1,628.0	201.63	9.074	
12,200.0	7,790.0	11,507.7	7,000.0	112.7	111.8	-64.42	-1,664.5	-4,275.5	1,829.6	1,623.7	205.95	8.884	
12,300.0	7,790.0	11,607.7	7,000.0	115.1	114.1	-64.42	-1,668.7	-4,375.4	1,829.6	1,619.4	210.27	8.702	
12,400.0	7,790.0	11,707.7	7,000.0	117.4	116.5	-64.42	-1,672.8	-4,475.3	1,829.6	1,615.0	214.59	8.526	
12,500.0	7,790.0	11,807.7	7,000.0	119.8	118.9	-64.42	-1,677.0	-4,575.2	1,829.6	1,610.7	218.92	8.358	
12,600.0	7,790.0	11,907.7	7,000.0	122.2	121.2	-64.42	-1,681.2	-4,675.1	1,829.6	1,606.4	223.26	8.195	
12,700.0	7,790.0	12,007.7	7,000.0	124.6	123.6	-64.42	-1,685.3	-4,775.0	1,829.7	1,602.1	227.59	8.039	
12,800.0	7,790.0	12,107.7	7,000.0	127.0	126.0	-64.42	-1,689.5	-4,874.9	1,829.7	1,597.7	231.94	7.889	
12,900.0	7,790.0	12,207.7	7,000.0	129.3	128.4	-64.42	-1,693.6	-4,974.8	1,829.7	1,593.4	236.29	7.743	
13,000.0	7,790.0	12,307.7	7,000.0	131.7	130.7	-64.42	-1,697.8	-5,074.8	1,829.7	1,589.0	240.64	7.603	
13,100.0	7,790.0	12,407.7	7,000.0	134.1	133.1	-64.42	-1,702.0	-5,174.7	1,829.7	1,584.7	244.99	7.468	
13,200.0	7,790.0	12,507.7	7,000.0	136.5	135.5	-64.42	-1,706.1	-5,274.6	1,829.7	1,580.3	249.35	7.338	
13,300.0	7,790.0	12,607.7	7,000.0	138.9	137.9	-64.42	-1,710.3	-5,374.5	1,829.7	1,576.0	253.72	7.212	
13,400.0	7,790.0	12,707.7	7,000.0	141.3	140.3	-64.42	-1,714.4	-5,474.4	1,829.7	1,571.6	258.08	7.090	
13,500.0	7,790.0	12,807.7	7,000.0	143.7	142.7	-64.42	-1,718.6	-5,574.3	1,829.7	1,567.2	262.45	6.972	
13,600.0	7,790.0	12,907.7	7,000.0	146.1	145.1	-64.42	-1,722.8	-5,674.2	1,829.7	1,562.9	266.82	6.857	
13,700.0	7,790.0	13,007.7	7,000.0	148.5	147.5	-64.42	-1,726.9	-5,774.2	1,829.7	1,558.5	271.20	6.747	
13,800.0	7,790.0	13,107.7	7,000.0	150.9	149.8	-64.42	-1,731.1	-5,874.1	1,829.7	1,554.1	275.57	6.640	
13,900.0	7,790.0	13,207.7	7,000.0	153.3	152.2	-64.42	-1,735.2	-5,974.0	1,829.7	1,549.8	279.95	6.536	
14,000.0	7,790.0	13,307.7	7,000.0	155.7	154.6	-64.42	-1,739.4	-6,073.9	1,829.7	1,545.4	284.34	6.435	
14,100.0	7,790.0	13,407.7	7,000.0	158.1	157.0	-64.42	-1,743.6	-6,173.8	1,829.7	1,541.0	288.72	6.337	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #114H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,200.0	7,790.0	13,507.7	7,000.0	160.5	159.4	-64.42	-1,747.7	-6,273.7	1,829.7	1,536.6	293.11	6.243	
14,300.0	7,790.0	13,607.7	7,000.0	162.9	161.8	-64.42	-1,751.9	-6,373.6	1,829.7	1,532.2	297.50	6.150	
14,400.0	7,790.0	13,707.7	7,000.0	165.3	164.2	-64.42	-1,756.0	-6,473.5	1,829.7	1,527.8	301.89	6.061	
14,500.0	7,790.0	13,807.7	7,000.0	167.7	166.7	-64.42	-1,760.2	-6,573.5	1,829.7	1,523.5	306.28	5.974	
14,600.0	7,790.0	13,907.7	7,000.0	170.1	169.1	-64.42	-1,764.4	-6,673.4	1,829.7	1,519.1	310.67	5.890	
14,700.0	7,790.0	14,007.7	7,000.0	172.5	171.5	-64.42	-1,768.5	-6,773.3	1,829.7	1,514.7	315.07	5.807	
14,800.0	7,790.0	14,107.7	7,000.0	175.0	173.9	-64.42	-1,772.7	-6,873.2	1,829.8	1,510.3	319.47	5.728	
14,900.0	7,790.0	14,207.7	7,000.0	177.4	176.3	-64.42	-1,776.9	-6,973.1	1,829.8	1,505.9	323.87	5.650	
15,000.0	7,790.0	14,307.7	7,000.0	179.8	178.7	-64.42	-1,781.0	-7,073.0	1,829.8	1,501.5	328.27	5.574	
15,100.0	7,790.0	14,407.7	7,000.0	182.2	181.1	-64.42	-1,785.2	-7,172.9	1,829.8	1,497.1	332.67	5.500	
15,200.0	7,790.0	14,507.7	7,000.0	184.6	183.5	-64.42	-1,789.3	-7,272.9	1,829.8	1,492.7	337.07	5.428	
15,300.0	7,790.0	14,607.7	7,000.0	187.0	185.9	-64.42	-1,793.5	-7,372.8	1,829.8	1,488.3	341.48	5.358	
15,400.0	7,790.0	14,707.7	7,000.0	189.4	188.3	-64.42	-1,797.7	-7,472.7	1,829.8	1,483.9	345.89	5.290	
15,500.0	7,790.0	14,807.7	7,000.0	191.9	190.8	-64.42	-1,801.8	-7,572.6	1,829.8	1,479.5	350.29	5.224	
15,600.0	7,790.0	14,907.7	7,000.0	194.3	193.2	-64.42	-1,806.0	-7,672.5	1,829.8	1,475.1	354.70	5.159	
15,700.0	7,790.0	15,007.7	7,000.0	196.7	195.6	-64.42	-1,810.1	-7,772.4	1,829.8	1,470.7	359.11	5.095	
15,800.0	7,790.0	15,107.7	7,000.0	199.1	198.0	-64.42	-1,814.3	-7,872.3	1,829.8	1,466.3	363.52	5.034	
15,900.0	7,790.0	15,207.7	7,000.0	201.5	200.4	-64.42	-1,818.5	-7,972.2	1,829.8	1,461.9	367.94	4.973	
16,000.0	7,790.0	15,307.7	7,000.0	204.0	202.8	-64.42	-1,822.6	-8,072.2	1,829.8	1,457.5	372.35	4.914	
16,100.0	7,790.0	15,407.7	7,000.0	206.4	205.3	-64.42	-1,826.8	-8,172.1	1,829.8	1,453.1	376.76	4.857	
16,200.0	7,790.0	15,507.7	7,000.0	208.8	207.7	-64.42	-1,830.9	-8,272.0	1,829.8	1,448.6	381.18	4.800	
16,300.0	7,790.0	15,607.7	7,000.0	211.2	210.1	-64.42	-1,835.1	-8,371.9	1,829.8	1,444.2	385.60	4.745	
16,400.0	7,790.0	15,707.7	7,000.0	213.6	212.5	-64.42	-1,839.3	-8,471.8	1,829.8	1,439.8	390.01	4.692	
16,500.0	7,790.0	15,807.7	7,000.0	216.1	214.9	-64.42	-1,843.4	-8,571.7	1,829.8	1,435.4	394.43	4.639	
16,600.0	7,790.0	15,907.7	7,000.0	218.5	217.4	-64.42	-1,847.6	-8,671.6	1,829.8	1,431.0	398.85	4.588	
16,700.0	7,790.0	16,007.7	7,000.0	220.9	219.8	-64.42	-1,851.8	-8,771.6	1,829.8	1,426.6	403.27	4.538	
16,800.0	7,790.0	16,107.7	7,000.0	223.3	222.2	-64.42	-1,855.9	-8,871.5	1,829.9	1,422.2	407.69	4.488	
16,900.0	7,790.0	16,207.7	7,000.0	225.8	224.6	-64.42	-1,860.1	-8,971.4	1,829.9	1,417.7	412.11	4.440	
17,000.0	7,790.0	16,307.7	7,000.0	228.2	227.0	-64.42	-1,864.2	-9,071.3	1,829.9	1,413.3	416.53	4.393	
17,100.0	7,790.0	16,407.7	7,000.0	230.6	229.5	-64.42	-1,868.4	-9,171.2	1,829.9	1,408.9	420.96	4.347	
17,200.0	7,790.0	16,507.7	7,000.0	233.0	231.9	-64.42	-1,872.6	-9,271.1	1,829.9	1,404.5	425.38	4.302	
17,300.0	7,790.0	16,607.7	7,000.0	235.5	234.3	-64.42	-1,876.7	-9,371.0	1,829.9	1,400.1	429.81	4.257	
17,400.0	7,790.0	16,707.7	7,000.0	237.9	236.7	-64.42	-1,880.9	-9,470.9	1,829.9	1,395.7	434.23	4.214	
17,500.0	7,790.0	16,807.7	7,000.0	240.3	239.2	-64.42	-1,885.0	-9,570.9	1,829.9	1,391.2	438.66	4.172	
17,600.0	7,790.0	16,907.7	7,000.0	242.7	241.6	-64.42	-1,889.2	-9,670.8	1,829.9	1,386.8	443.08	4.130	
17,700.0	7,790.0	17,007.7	7,000.0	245.2	244.0	-64.42	-1,893.4	-9,770.7	1,829.9	1,382.4	447.51	4.089	
17,800.0	7,790.0	17,107.7	7,000.0	247.6	246.4	-64.42	-1,897.5	-9,870.6	1,829.9	1,378.0	451.94	4.049	
17,900.0	7,790.0	17,207.7	7,000.0	250.0	248.9	-64.42	-1,901.7	-9,970.5	1,829.9	1,373.5	456.36	4.010	
18,000.0	7,790.0	17,307.7	7,000.0	252.5	251.3	-64.42	-1,905.8	-10,070.4	1,829.9	1,369.1	460.79	3.971	
18,079.9	7,790.0	17,387.7	7,000.0	254.4	253.2	-64.42	-1,909.2	-10,150.3	1,829.9	1,365.6	464.33	3.941	
18,080.6	7,790.0	17,388.3	7,000.0	254.4	253.2	-64.42	-1,909.2	-10,151.0	1,829.9	1,365.6	464.36	3.941	SF

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #124H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-30.0	0.0	30.0				
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-30.0	0.0	30.0	29.7	0.26	117.057	
200.0	200.0	200.0	200.0	0.5	0.5	180.00	-30.0	0.0	30.0	29.0	0.97	30.827	
300.0	300.0	300.0	300.0	0.8	0.8	180.00	-30.0	0.0	30.0	28.3	1.69	17.751	
400.0	400.0	400.0	400.0	1.2	1.2	180.00	-30.0	0.0	30.0	27.6	2.41	12.464	
500.0	500.0	500.0	500.0	1.6	1.6	180.00	-30.0	0.0	30.0	26.9	3.12	9.604	CC, ES
600.0	600.0	599.5	599.5	1.9	1.9	179.56	-30.8	0.2	30.8	27.0	3.82	8.065	
700.0	700.0	698.9	698.9	2.3	2.2	178.39	-33.3	0.9	33.4	28.8	4.52	7.387	
800.0	800.0	798.2	798.1	2.6	2.6	176.78	-37.5	2.1	37.6	32.4	5.21	7.208	
900.0	900.0	897.4	897.0	3.0	2.9	175.06	-43.3	3.7	43.5	37.6	5.91	7.360	
1,000.0	1,000.0	996.2	995.6	3.4	3.3	173.44	-50.7	5.8	51.2	44.6	6.61	7.741	
1,100.0	1,100.0	1,094.9	1,093.8	3.7	3.6	79.87	-59.7	8.4	60.4	53.1	7.30	8.276	
1,200.0	1,200.0	1,193.2	1,191.5	4.0	4.0	80.50	-70.3	11.4	71.1	63.1	7.99	8.901	
1,300.0	1,299.9	1,291.1	1,288.6	4.4	4.4	81.90	-82.5	14.8	83.2	74.5	8.67	9.590	
1,400.0	1,399.7	1,388.7	1,385.1	4.7	4.8	83.72	-96.2	18.7	96.7	87.4	9.36	10.335	
1,500.0	1,499.4	1,485.7	1,480.9	5.1	5.2	85.71	-111.4	22.9	111.9	101.8	10.05	11.131	
1,600.0	1,598.9	1,583.9	1,577.5	5.5	5.6	87.83	-127.9	27.6	128.2	117.4	10.77	11.904	
1,700.0	1,698.3	1,682.3	1,674.4	5.8	6.0	90.14	-144.5	32.3	144.7	133.2	11.50	12.577	
1,800.0	1,797.4	1,780.7	1,771.3	6.2	6.4	92.56	-161.0	36.9	161.5	149.2	12.25	13.177	
1,900.0	1,896.4	1,878.9	1,868.0	6.6	6.8	94.94	-177.5	41.6	178.6	165.6	13.01	13.722	
2,000.0	1,995.5	1,977.2	1,964.8	7.0	7.3	96.90	-194.1	46.2	195.9	182.1	13.78	14.216	
2,100.0	2,094.5	2,075.5	2,061.6	7.4	7.7	98.54	-210.6	50.9	213.5	198.9	14.56	14.665	
2,200.0	2,193.5	2,173.8	2,158.3	7.8	8.1	99.94	-227.1	55.6	231.2	215.8	15.34	15.073	
2,300.0	2,292.5	2,272.1	2,255.1	8.2	8.6	101.13	-243.7	60.2	249.0	232.9	16.12	15.444	
2,400.0	2,391.6	2,370.3	2,351.9	8.6	9.0	102.17	-260.2	64.9	266.9	250.0	16.91	15.783	
2,500.0	2,490.6	2,468.6	2,448.6	9.0	9.4	103.07	-276.8	69.6	284.8	267.1	17.70	16.093	
2,600.0	2,589.6	2,566.9	2,545.4	9.4	9.9	103.87	-293.3	74.2	302.9	284.4	18.49	16.377	
2,700.0	2,688.6	2,665.2	2,642.2	9.8	10.3	104.58	-309.8	78.9	321.0	301.7	19.29	16.638	
2,800.0	2,787.7	2,763.4	2,738.9	10.2	10.8	105.21	-326.4	83.5	339.1	319.0	20.09	16.879	
2,900.0	2,886.7	2,861.7	2,835.7	10.6	11.2	105.78	-342.9	88.2	357.3	336.4	20.89	17.102	
3,000.0	2,985.7	2,960.0	2,932.4	11.0	11.6	106.29	-359.4	92.9	375.4	353.8	21.69	17.309	
3,100.0	3,084.8	3,058.3	3,029.2	11.4	12.1	106.76	-376.0	97.5	393.7	371.2	22.49	17.501	
3,146.9	3,131.2	3,104.3	3,074.6	11.6	12.3	106.96	-383.7	99.7	402.2	379.3	22.87	17.586	
3,200.0	3,183.8	3,156.6	3,126.0	11.8	12.5	107.27	-392.5	102.2	411.8	388.5	23.30	17.677	
3,300.0	3,283.2	3,255.0	3,223.0	12.2	13.0	107.57	-409.1	106.8	429.3	405.2	24.08	17.825	
3,400.0	3,382.8	3,353.6	3,320.0	12.6	13.4	107.53	-425.7	111.5	445.9	421.1	24.85	17.946	
3,500.0	3,482.6	3,452.2	3,417.1	13.0	13.9	107.18	-442.2	116.2	461.9	436.3	25.60	18.044	
3,600.0	3,582.6	3,550.8	3,514.2	13.3	14.3	106.56	-458.8	120.9	477.1	450.8	26.33	18.125	
3,680.2	3,662.8	3,629.8	3,592.0	13.6	14.7	-161.26	-472.1	124.6	488.9	462.0	26.89	18.182	
3,700.0	3,682.6	3,649.3	3,611.2	13.7	14.8	-161.49	-475.4	125.5	491.8	464.8	27.03	18.196	
3,800.0	3,782.6	3,747.8	3,708.1	14.0	15.2	-162.60	-492.0	130.2	506.4	478.7	27.72	18.267	
3,900.0	3,882.6	3,846.2	3,805.0	14.3	15.7	-163.64	-508.5	134.9	521.2	492.8	28.42	18.341	
4,000.0	3,982.6	3,944.7	3,902.0	14.6	16.1	-164.63	-525.1	139.6	536.2	507.0	29.11	18.416	
4,100.0	4,082.6	4,043.2	3,998.9	15.0	16.5	-165.57	-541.7	144.2	551.3	521.4	29.81	18.493	
4,200.0	4,182.6	4,141.6	4,095.9	15.3	17.0	-166.45	-558.2	148.9	566.5	536.0	30.51	18.570	
4,300.0	4,282.6	4,240.1	4,192.8	15.7	17.4	-167.29	-574.8	153.6	581.9	550.7	31.20	18.648	
4,400.0	4,382.6	4,338.5	4,289.8	16.0	17.9	-168.09	-591.4	158.2	597.3	565.4	31.90	18.725	
4,500.0	4,482.6	4,437.0	4,386.7	16.3	18.3	-168.84	-607.9	162.9	612.9	580.3	32.60	18.802	
4,600.0	4,582.6	4,535.5	4,483.7	16.7	18.8	-169.56	-624.5	167.6	628.6	595.3	33.30	18.878	
4,700.0	4,682.6	4,633.9	4,580.6	17.0	19.2	-170.25	-641.1	172.2	644.4	610.4	34.00	18.954	
4,800.0	4,782.6	4,732.4	4,677.5	17.3	19.7	-170.90	-657.6	176.9	660.3	625.6	34.70	19.028	
4,900.0	4,882.6	4,830.8	4,774.5	17.7	20.1	-171.52	-674.2	181.6	676.2	640.8	35.40	19.102	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #124H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.0	4,982.6	4,929.3	4,871.4	18.0	20.6	-172.11	-690.8	186.3	692.2	656.1	36.10	19.174	
5,100.0	5,082.6	5,027.8	4,968.4	18.4	21.0	-172.68	-707.3	190.9	708.3	671.5	36.81	19.245	
5,200.0	5,182.6	5,126.2	5,065.3	18.7	21.5	-173.22	-723.9	195.6	724.5	687.0	37.51	19.314	
5,300.0	5,282.6	5,224.7	5,162.3	19.1	21.9	-173.73	-740.5	200.3	740.7	702.5	38.21	19.383	
5,400.0	5,382.6	5,323.1	5,259.2	19.4	22.4	-174.23	-757.0	204.9	756.9	718.0	38.92	19.450	
5,500.0	5,482.6	5,421.6	5,356.2	19.8	22.8	-174.70	-773.6	209.6	773.3	733.6	39.62	19.515	
5,600.0	5,582.6	5,520.1	5,453.1	20.1	23.3	-175.16	-790.2	214.3	789.6	749.3	40.33	19.579	
5,700.0	5,682.6	5,618.5	5,550.0	20.4	23.7	-175.59	-806.7	218.9	806.1	765.0	41.04	19.642	
5,800.0	5,782.6	5,717.0	5,647.0	20.8	24.2	-176.01	-823.3	223.6	822.5	780.8	41.74	19.704	
5,900.0	5,882.6	5,815.4	5,743.9	21.1	24.6	-176.41	-839.9	228.3	839.0	796.6	42.45	19.764	
6,000.0	5,982.6	5,913.9	5,840.9	21.5	25.1	-176.80	-856.4	232.9	855.6	812.4	43.16	19.822	
6,100.0	6,082.6	6,012.4	5,937.8	21.8	25.5	-177.17	-873.0	237.6	872.1	828.3	43.87	19.880	
6,200.0	6,182.6	6,110.8	6,034.8	22.2	26.0	-177.53	-889.6	242.3	888.8	844.2	44.58	19.936	
6,300.0	6,282.6	6,209.3	6,131.7	22.5	26.4	-177.88	-906.1	247.0	905.4	860.1	45.29	19.991	
6,400.0	6,382.6	6,307.7	6,228.6	22.9	26.9	-178.21	-922.7	251.6	922.1	876.1	46.00	20.044	
6,500.0	6,482.6	6,406.2	6,325.6	23.2	27.3	-178.53	-939.3	256.3	938.8	892.1	46.71	20.097	
6,600.0	6,582.6	6,504.7	6,422.5	23.6	27.8	-178.84	-955.8	261.0	955.5	908.1	47.43	20.148	
6,700.0	6,682.6	6,603.1	6,519.5	23.9	28.2	-179.14	-972.4	265.6	972.3	924.1	48.14	20.198	
6,800.0	6,782.6	6,724.2	6,638.8	24.3	28.8	-179.48	-991.7	271.1	988.3	939.3	49.02	20.160	
6,900.0	6,882.6	6,856.4	6,769.8	24.6	29.3	-179.76	-1,008.8	275.9	1,001.2	951.3	49.94	20.047	
7,000.0	6,982.6	6,989.6	6,902.4	25.0	29.8	-179.97	-1,021.6	279.5	1,010.8	960.0	50.81	19.894	
7,100.0	7,082.6	7,123.7	7,036.2	25.3	30.3	179.90	-1,030.0	281.9	1,017.0	965.4	51.61	19.705	
7,200.0	7,182.6	7,258.2	7,170.6	25.7	30.7	179.84	-1,033.8	283.0	1,019.9	967.6	52.35	19.483	
7,234.4	7,217.0	7,304.6	7,217.0	25.8	30.9	179.83	-1,034.1	283.0	1,020.1	967.5	52.58	19.400	
7,250.0	7,232.6	7,325.5	7,238.0	25.8	30.9	-100.23	-1,034.0	283.0	1,020.1	967.4	52.69	19.362	
7,250.5	7,233.1	7,326.2	7,238.7	25.8	30.9	-100.23	-1,034.0	283.0	1,020.1	967.4	52.69	19.361	
7,300.0	7,282.4	7,354.3	7,266.6	26.0	31.0	-100.14	-1,034.5	280.9	1,021.3	968.3	52.99	19.273	
7,350.0	7,331.8	7,392.1	7,304.2	26.2	31.1	-99.98	-1,035.3	276.5	1,023.7	970.5	53.27	19.217	
7,400.0	7,380.3	7,430.0	7,341.5	26.3	31.2	-99.73	-1,036.6	269.6	1,027.6	974.0	53.53	19.195	
7,450.0	7,427.5	7,467.9	7,378.1	26.4	31.3	-99.39	-1,038.3	260.3	1,032.7	978.9	53.77	19.205	
7,500.0	7,473.2	7,505.7	7,414.1	26.6	31.4	-98.96	-1,040.5	248.7	1,039.1	985.1	53.99	19.245	
7,550.0	7,516.9	7,543.6	7,449.2	26.7	31.5	-98.45	-1,043.1	234.7	1,046.7	992.5	54.20	19.312	
7,600.0	7,558.3	7,581.4	7,483.2	26.8	31.6	-97.87	-1,046.1	218.5	1,055.6	1,001.2	54.41	19.402	
7,650.0	7,597.1	7,619.3	7,516.1	27.0	31.7	-97.20	-1,049.5	200.1	1,065.5	1,010.9	54.61	19.510	
7,700.0	7,633.0	7,657.2	7,547.8	27.1	31.7	-96.47	-1,053.3	179.7	1,076.6	1,021.7	54.83	19.634	
7,750.0	7,665.8	7,695.2	7,578.0	27.3	31.8	-95.66	-1,057.4	157.1	1,088.6	1,033.5	55.07	19.767	
7,800.0	7,695.1	7,733.2	7,606.8	27.5	31.9	-94.80	-1,062.0	132.6	1,101.5	1,046.2	55.34	19.905	
7,850.0	7,720.8	7,771.4	7,633.9	27.7	31.9	-93.88	-1,066.9	106.1	1,115.3	1,059.7	55.64	20.044	
7,900.0	7,742.7	7,809.9	7,659.3	27.9	32.0	-92.92	-1,072.1	77.8	1,129.8	1,073.9	55.99	20.180	
7,950.0	7,760.5	7,848.5	7,682.9	28.2	32.1	-91.93	-1,077.7	47.6	1,145.0	1,088.7	56.38	20.310	
8,000.0	7,774.3	7,887.6	7,704.5	28.5	32.1	-90.90	-1,083.7	15.7	1,160.8	1,104.0	56.82	20.430	
8,050.0	7,783.7	7,927.1	7,724.1	28.9	32.2	-89.86	-1,089.9	-18.0	1,177.1	1,119.8	57.31	20.539	
8,100.0	7,788.9	7,967.1	7,741.4	29.3	32.3	-88.81	-1,096.5	-53.5	1,193.7	1,135.9	57.85	20.636	
8,134.4	7,790.0	7,995.0	7,752.1	29.6	32.3	-88.08	-1,101.2	-78.9	1,205.4	1,147.1	58.23	20.701	
8,200.0	7,790.0	8,050.6	7,769.4	30.2	32.4	-88.99	-1,110.8	-130.8	1,227.2	1,168.1	59.07	20.776	
8,300.0	7,790.0	8,142.0	7,786.5	31.2	32.7	-89.84	-1,127.1	-219.0	1,258.3	1,197.7	60.63	20.753	
8,400.0	7,790.0	8,264.8	7,790.0	32.4	33.3	-90.00	-1,148.9	-339.7	1,285.9	1,223.1	62.81	20.473	
8,500.0	7,790.0	8,443.9	7,790.0	33.7	34.6	-90.00	-1,172.3	-517.2	1,305.4	1,239.4	65.99	19.782	
8,600.0	7,790.0	8,619.6	7,790.0	35.2	36.5	-90.00	-1,184.4	-692.4	1,315.2	1,245.7	69.57	18.905	
8,700.0	7,790.0	8,719.5	7,790.0	36.7	37.8	-90.00	-1,188.5	-792.3	1,318.9	1,246.4	72.56	18.176	
8,756.0	7,790.0	8,775.5	7,790.0	37.6	38.6	-90.00	-1,190.9	-848.2	1,319.5	1,245.2	74.32	17.753	
8,800.0	7,790.0	8,819.5	7,790.0	38.3	39.3	-90.00	-1,192.7	-892.2	1,319.5	1,243.7	75.74	17.421	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #124H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,900.0	7,790.0	8,919.5	7,790.0	40.0	40.8	-90.00	-1,196.9	-992.1	1,319.5	1,240.4	79.10	16.681	
9,000.0	7,790.0	9,019.5	7,790.0	41.8	42.4	-90.00	-1,201.0	-1,092.0	1,319.5	1,236.9	82.61	15.973	
9,100.0	7,790.0	9,119.5	7,790.0	43.6	44.2	-90.00	-1,205.2	-1,191.9	1,319.5	1,233.2	86.25	15.298	
9,200.0	7,790.0	9,219.5	7,790.0	45.5	45.9	-90.00	-1,209.3	-1,291.8	1,319.5	1,229.5	90.01	14.659	
9,300.0	7,790.0	9,319.5	7,790.0	47.5	47.8	-90.00	-1,213.5	-1,391.7	1,319.5	1,225.6	93.88	14.055	
9,400.0	7,790.0	9,419.5	7,790.0	49.5	49.7	-90.00	-1,217.7	-1,491.6	1,319.5	1,221.7	97.84	13.487	
9,500.0	7,790.0	9,519.5	7,790.0	51.5	51.7	-90.00	-1,221.8	-1,591.6	1,319.5	1,217.6	101.87	12.953	
9,600.0	7,790.0	9,619.5	7,790.0	53.6	53.6	-90.00	-1,226.0	-1,691.5	1,319.5	1,213.5	105.98	12.450	
9,700.0	7,790.0	9,719.5	7,790.0	55.7	55.7	-90.00	-1,230.1	-1,791.4	1,319.5	1,209.4	110.16	11.979	
9,800.0	7,790.0	9,819.5	7,790.0	57.8	57.7	-90.00	-1,234.3	-1,891.3	1,319.5	1,205.1	114.38	11.536	
9,900.0	7,790.0	9,919.5	7,790.0	59.9	59.8	-90.00	-1,238.5	-1,991.2	1,319.5	1,200.9	118.66	11.120	
10,000.0	7,790.0	10,019.5	7,790.0	62.1	62.0	-90.00	-1,242.6	-2,091.1	1,319.5	1,196.5	122.99	10.729	
10,100.0	7,790.0	10,119.5	7,790.0	64.3	64.1	-90.00	-1,246.8	-2,191.0	1,319.5	1,192.2	127.36	10.361	
10,200.0	7,790.0	10,219.5	7,790.0	66.5	66.3	-90.00	-1,250.9	-2,291.0	1,319.5	1,187.8	131.76	10.015	
10,300.0	7,790.0	10,319.5	7,790.0	68.7	68.4	-90.00	-1,255.1	-2,390.9	1,319.5	1,183.4	136.19	9.689	
10,400.0	7,790.0	10,419.5	7,790.0	71.0	70.6	-90.00	-1,259.3	-2,490.8	1,319.5	1,178.9	140.66	9.381	
10,500.0	7,790.0	10,519.5	7,790.0	73.2	72.8	-90.00	-1,263.4	-2,590.7	1,319.6	1,174.4	145.15	9.091	
10,600.0	7,790.0	10,619.5	7,790.0	75.5	75.1	-90.00	-1,267.6	-2,690.6	1,319.6	1,169.9	149.67	8.816	
10,700.0	7,790.0	10,719.5	7,790.0	77.7	77.3	-90.00	-1,271.7	-2,790.5	1,319.6	1,165.4	154.21	8.557	
10,800.0	7,790.0	10,819.5	7,790.0	80.0	79.6	-90.00	-1,275.9	-2,890.4	1,319.6	1,160.8	158.77	8.311	
10,900.0	7,790.0	10,919.5	7,790.0	82.3	81.8	-90.00	-1,280.1	-2,990.4	1,319.6	1,156.2	163.35	8.078	
11,000.0	7,790.0	11,019.5	7,790.0	84.6	84.1	-90.00	-1,284.2	-3,090.3	1,319.6	1,151.6	167.95	7.857	
11,100.0	7,790.0	11,119.5	7,790.0	86.9	86.4	-90.00	-1,288.4	-3,190.2	1,319.6	1,147.0	172.56	7.647	
11,200.0	7,790.0	11,219.5	7,790.0	89.2	88.7	-90.00	-1,292.5	-3,290.1	1,319.6	1,142.4	177.19	7.447	
11,300.0	7,790.0	11,319.5	7,790.0	91.6	91.0	-90.00	-1,296.7	-3,390.0	1,319.6	1,137.8	181.83	7.257	
11,400.0	7,790.0	11,419.5	7,790.0	93.9	93.3	-90.00	-1,300.9	-3,489.9	1,319.6	1,133.1	186.49	7.076	
11,500.0	7,790.0	11,519.5	7,790.0	96.2	95.6	-90.00	-1,305.0	-3,589.8	1,319.6	1,128.4	191.15	6.903	
11,600.0	7,790.0	11,619.5	7,790.0	98.6	97.9	-90.00	-1,309.2	-3,689.7	1,319.6	1,123.8	195.83	6.739	
11,700.0	7,790.0	11,719.5	7,790.0	100.9	100.3	-90.00	-1,313.3	-3,789.7	1,319.6	1,119.1	200.51	6.581	
11,800.0	7,790.0	11,819.5	7,790.0	103.3	102.6	-90.00	-1,317.5	-3,889.6	1,319.6	1,114.4	205.21	6.431	
11,900.0	7,790.0	11,919.5	7,790.0	105.6	104.9	-90.00	-1,321.7	-3,989.5	1,319.6	1,109.7	209.91	6.286	
12,000.0	7,790.0	12,019.5	7,790.0	108.0	107.3	-90.00	-1,325.8	-4,089.4	1,319.6	1,105.0	214.63	6.148	
12,100.0	7,790.0	12,119.5	7,790.0	110.3	109.6	-90.00	-1,330.0	-4,189.3	1,319.6	1,100.3	219.35	6.016	
12,200.0	7,790.0	12,219.5	7,790.0	112.7	112.0	-90.00	-1,334.1	-4,289.2	1,319.6	1,095.5	224.08	5.889	
12,300.0	7,790.0	12,319.5	7,790.0	115.1	114.3	-90.00	-1,338.3	-4,389.1	1,319.6	1,090.8	228.81	5.767	
12,400.0	7,790.0	12,419.5	7,790.0	117.4	116.7	-90.00	-1,342.4	-4,489.1	1,319.6	1,086.1	233.55	5.650	
12,500.0	7,790.0	12,519.5	7,790.0	119.8	119.0	-90.00	-1,346.6	-4,589.0	1,319.6	1,081.3	238.30	5.538	
12,600.0	7,790.0	12,619.5	7,790.0	122.2	121.4	-90.00	-1,350.8	-4,688.9	1,319.6	1,076.6	243.05	5.430	
12,700.0	7,790.0	12,719.5	7,790.0	124.6	123.8	-90.00	-1,354.9	-4,788.8	1,319.6	1,071.8	247.81	5.325	
12,800.0	7,790.0	12,819.5	7,790.0	127.0	126.1	-90.00	-1,359.1	-4,888.7	1,319.6	1,067.1	252.57	5.225	
12,900.0	7,790.0	12,919.5	7,790.0	129.3	128.5	-90.00	-1,363.2	-4,988.6	1,319.6	1,062.3	257.34	5.128	
13,000.0	7,790.0	13,019.5	7,790.0	131.7	130.9	-90.00	-1,367.4	-5,088.5	1,319.7	1,057.5	262.11	5.035	
13,100.0	7,790.0	13,119.5	7,790.0	134.1	133.3	-90.00	-1,371.6	-5,188.4	1,319.7	1,052.8	266.88	4.945	
13,200.0	7,790.0	13,219.5	7,790.0	136.5	135.6	-90.00	-1,375.7	-5,288.4	1,319.7	1,048.0	271.66	4.858	
13,300.0	7,790.0	13,319.5	7,790.0	138.9	138.0	-90.00	-1,379.9	-5,388.3	1,319.7	1,043.2	276.45	4.774	
13,400.0	7,790.0	13,419.5	7,790.0	141.3	140.4	-90.00	-1,384.0	-5,488.2	1,319.7	1,038.4	281.23	4.692	
13,500.0	7,790.0	13,519.5	7,790.0	143.7	142.8	-90.00	-1,388.2	-5,588.1	1,319.7	1,033.6	286.02	4.614	
13,600.0	7,790.0	13,619.5	7,790.0	146.1	145.2	-90.00	-1,392.4	-5,688.0	1,319.7	1,028.9	290.82	4.538	
13,700.0	7,790.0	13,719.5	7,790.0	148.5	147.6	-90.00	-1,396.5	-5,787.9	1,319.7	1,024.1	295.61	4.464	
13,800.0	7,790.0	13,819.5	7,790.0	150.9	150.0	-90.00	-1,400.7	-5,887.8	1,319.7	1,019.3	300.41	4.393	
13,900.0	7,790.0	13,919.5	7,790.0	153.3	152.4	-90.00	-1,404.8	-5,987.8	1,319.7	1,014.5	305.22	4.324	
14,000.0	7,790.0	14,019.5	7,790.0	155.7	154.8	-90.00	-1,409.0	-6,087.7	1,319.7	1,009.7	310.02	4.257	

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

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design David Edelstein - David Edelstein State Com #124H - Wellbore #1 - State Plan #1

Offset Site Error: 0.0 usft

Survey Program: 0-MWD

Offset Well Error: 0.0 usft

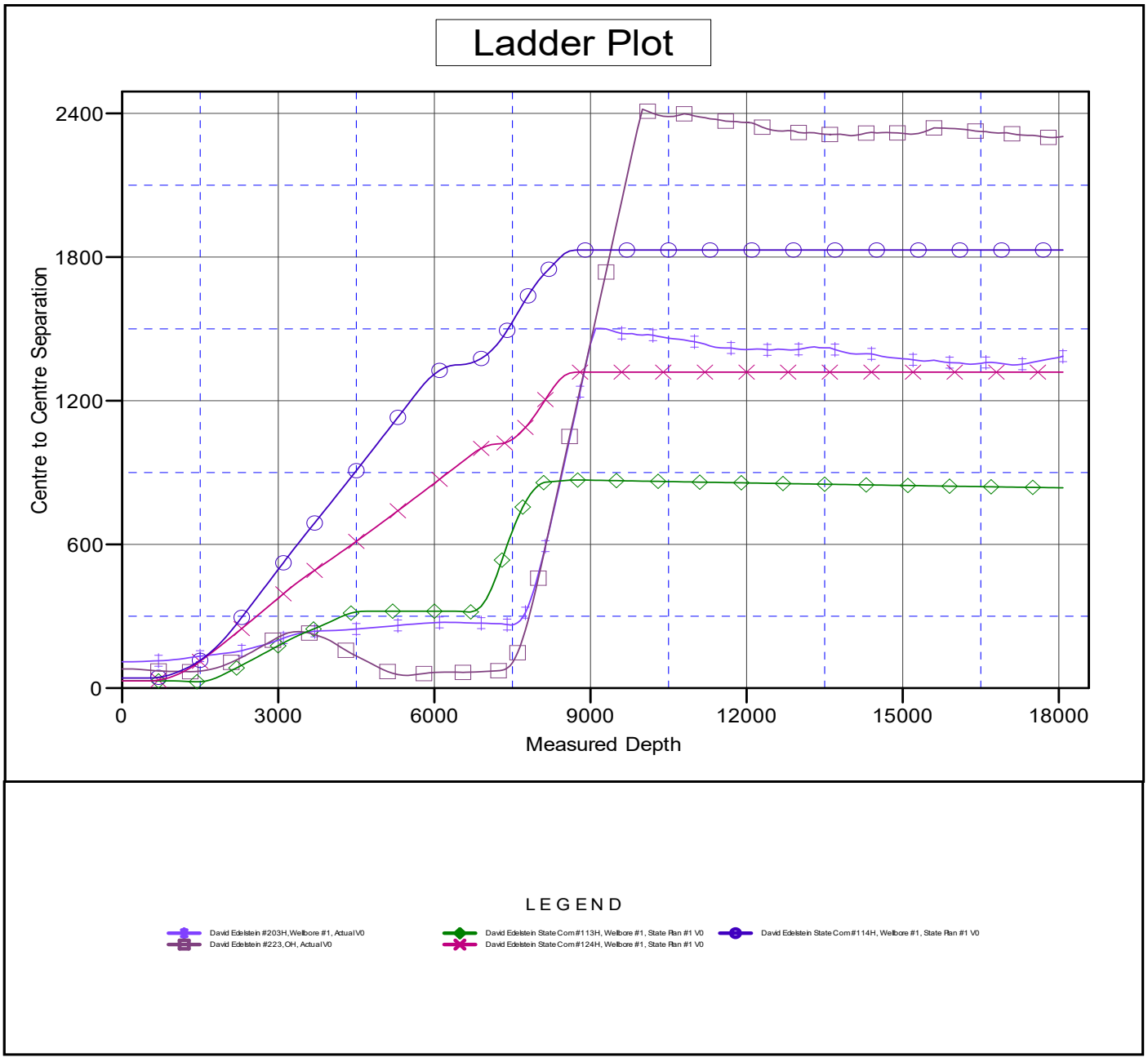
Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,100.0	7,790.0	14,119.5	7,790.0	158.1	157.2	-90.00	-1,413.2	-6,187.6	1,319.7	1,004.9	314.83	4.192	
14,200.0	7,790.0	14,219.5	7,790.0	160.5	159.6	-90.00	-1,417.3	-6,287.5	1,319.7	1,000.1	319.64	4.129	
14,300.0	7,790.0	14,319.5	7,790.0	162.9	162.0	-90.00	-1,421.5	-6,387.4	1,319.7	995.3	324.45	4.067	
14,400.0	7,790.0	14,419.5	7,790.0	165.3	164.4	-90.00	-1,425.6	-6,487.3	1,319.7	990.4	329.27	4.008	
14,500.0	7,790.0	14,519.5	7,790.0	167.7	166.8	-90.00	-1,429.8	-6,587.2	1,319.7	985.6	334.08	3.950	
14,600.0	7,790.0	14,619.5	7,790.0	170.1	169.2	-90.00	-1,434.0	-6,687.1	1,319.7	980.8	338.90	3.894	
14,700.0	7,790.0	14,719.5	7,790.0	172.5	171.6	-90.00	-1,438.1	-6,787.1	1,319.7	976.0	343.72	3.839	
14,800.0	7,790.0	14,819.5	7,790.0	175.0	174.0	-90.00	-1,442.3	-6,887.0	1,319.7	971.2	348.54	3.786	
14,900.0	7,790.0	14,919.5	7,790.0	177.4	176.4	-90.00	-1,446.4	-6,986.9	1,319.7	966.4	353.37	3.735	
15,000.0	7,790.0	15,019.5	7,790.0	179.8	178.8	-90.00	-1,450.6	-7,086.8	1,319.7	961.5	358.19	3.684	
15,100.0	7,790.0	15,119.5	7,790.0	182.2	181.2	-90.00	-1,454.8	-7,186.7	1,319.7	956.7	363.02	3.635	
15,200.0	7,790.0	15,219.5	7,790.0	184.6	183.6	-90.00	-1,458.9	-7,286.6	1,319.7	951.9	367.85	3.588	
15,300.0	7,790.0	15,319.5	7,790.0	187.0	186.0	-90.00	-1,463.1	-7,386.5	1,319.7	947.1	372.68	3.541	
15,400.0	7,790.0	15,419.5	7,790.0	189.4	188.4	-90.00	-1,467.2	-7,486.5	1,319.7	942.2	377.51	3.496	
15,500.0	7,790.0	15,519.5	7,790.0	191.9	190.8	-90.00	-1,471.4	-7,586.4	1,319.8	937.4	382.35	3.452	
15,600.0	7,790.0	15,619.5	7,790.0	194.3	193.3	-90.00	-1,475.6	-7,686.3	1,319.8	932.6	387.18	3.409	
15,700.0	7,790.0	15,719.5	7,790.0	196.7	195.7	-90.00	-1,479.7	-7,786.2	1,319.8	927.7	392.02	3.367	
15,800.0	7,790.0	15,819.5	7,790.0	199.1	198.1	-90.00	-1,483.9	-7,886.1	1,319.8	922.9	396.86	3.326	
15,900.0	7,790.0	15,919.5	7,790.0	201.5	200.5	-90.00	-1,488.0	-7,986.0	1,319.8	918.1	401.70	3.285	
16,000.0	7,790.0	16,019.5	7,790.0	204.0	202.9	-90.00	-1,492.2	-8,085.9	1,319.8	913.2	406.54	3.246	
16,100.0	7,790.0	16,119.5	7,790.0	206.4	205.3	-90.00	-1,496.4	-8,185.9	1,319.8	908.4	411.38	3.208	
16,200.0	7,790.0	16,219.5	7,790.0	208.8	207.7	-90.00	-1,500.5	-8,285.8	1,319.8	903.6	416.22	3.171	
16,300.0	7,790.0	16,319.5	7,790.0	211.2	210.2	-90.00	-1,504.7	-8,385.7	1,319.8	898.7	421.06	3.134	
16,400.0	7,790.0	16,419.5	7,790.0	213.6	212.6	-90.00	-1,508.8	-8,485.6	1,319.8	893.9	425.91	3.099	
16,500.0	7,790.0	16,519.5	7,790.0	216.1	215.0	-90.00	-1,513.0	-8,585.5	1,319.8	889.0	430.75	3.064	
16,600.0	7,790.0	16,619.5	7,790.0	218.5	217.4	-90.00	-1,517.2	-8,685.4	1,319.8	884.2	435.60	3.030	
16,700.0	7,790.0	16,719.5	7,790.0	220.9	219.8	-90.00	-1,521.3	-8,785.3	1,319.8	879.4	440.44	2.997	
16,800.0	7,790.0	16,819.5	7,790.0	223.3	222.3	-90.00	-1,525.5	-8,885.2	1,319.8	874.5	445.29	2.964	
16,900.0	7,790.0	16,919.5	7,790.0	225.8	224.7	-90.00	-1,529.6	-8,985.2	1,319.8	869.7	450.14	2.932	
17,000.0	7,790.0	17,019.5	7,790.0	228.2	227.1	-90.00	-1,533.8	-9,085.1	1,319.8	864.8	454.99	2.901	
17,100.0	7,790.0	17,119.5	7,790.0	230.6	229.5	-90.00	-1,537.9	-9,185.0	1,319.8	860.0	459.84	2.870	
17,200.0	7,790.0	17,219.5	7,790.0	233.0	231.9	-90.00	-1,542.1	-9,284.9	1,319.8	855.1	464.69	2.840	
17,300.0	7,790.0	17,319.5	7,790.0	235.5	234.4	-90.00	-1,546.3	-9,384.8	1,319.8	850.3	469.54	2.811	
17,400.0	7,790.0	17,419.5	7,790.0	237.9	236.8	-90.00	-1,550.4	-9,484.7	1,319.8	845.4	474.40	2.782	
17,500.0	7,790.0	17,519.5	7,790.0	240.3	239.2	-90.00	-1,554.6	-9,584.6	1,319.8	840.6	479.25	2.754	
17,600.0	7,790.0	17,619.5	7,790.0	242.7	241.6	-90.00	-1,558.7	-9,684.6	1,319.8	835.7	484.10	2.726	
17,700.0	7,790.0	17,719.5	7,790.0	245.2	244.1	-90.00	-1,562.9	-9,784.5	1,319.8	830.9	488.96	2.699	
17,800.0	7,790.0	17,819.5	7,790.0	247.6	246.5	-90.00	-1,567.1	-9,884.4	1,319.8	826.0	493.81	2.673	
17,900.0	7,790.0	17,919.5	7,790.0	250.0	248.9	-90.00	-1,571.2	-9,984.3	1,319.8	821.2	498.67	2.647	
18,000.0	7,790.0	18,019.5	7,790.0	252.5	251.3	-90.00	-1,575.4	-10,084.2	1,319.8	816.3	503.53	2.621	
18,079.9	7,790.0	18,100.6	7,790.0	254.4	253.3	-90.00	-1,578.7	-10,164.1	1,319.9	812.4	507.44	2.601	SF
18,080.6	7,790.0	18,100.1	7,790.0	254.4	253.3	-90.00	-1,578.7	-10,164.7	1,319.9	812.4	507.44	2.601	

Anticollision Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB @ 3117.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: David Edelstein State Com #123H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.11°



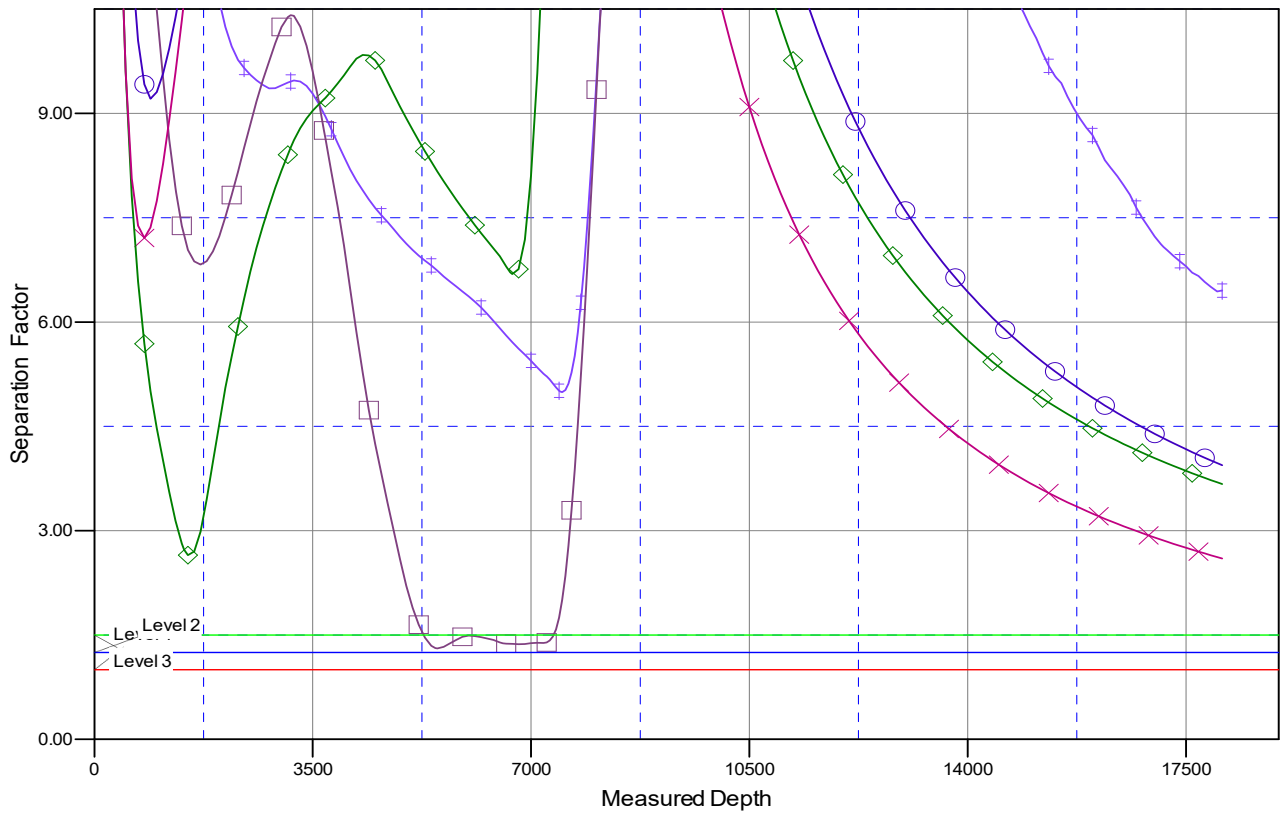
Anticollision Report

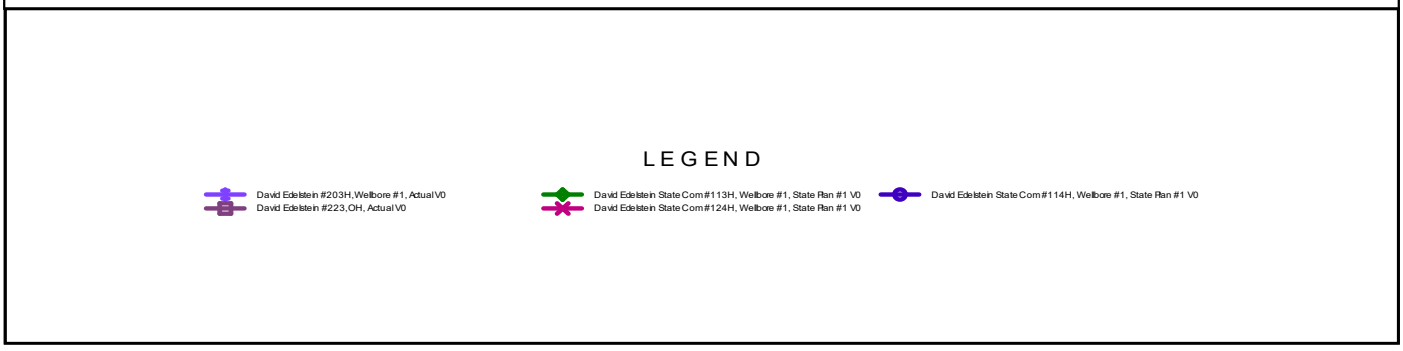
Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well David Edelstein State Com #123H
Project:	Rustler Breaks	**TVD Reference:**	KB @ 3117.5usft
Reference Site:	David Edelstein	**MD Reference:**	KB @ 3117.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	David Edelstein State Com #123H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Server
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB @ 3117.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: David Edelstein State Com #123H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.11°

Separation Factor Plot





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

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

CONDITIONS

Action 242320

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 242320
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	1- Diesel Brine Emulsion can not be used to drill through any potable water bearing strata. 2- Cement must be circulated to surface during the cementing of the intermediate casing. If it is not circulated, then a CBL is required to verify the integrity of the cement behind the intermediate casing.	9/29/2023