

CASE NO. 22988

**APPLICATION OF MATADOR PRODUCTION COMPANY
FOR COMPLUSORY POOLING, EDDY COUNTY, NEW MEXICO**

EXHIBITS

- A. Pooling Checklist
 - B. Application and Proposed Notice
 - C. Landman's Affidavit
 - C-1: C-102s
 - C-2: Land Plat
 - C-3: Land Plat and Interest Owner List
 - C-4: Proposal Letter and AFEs
 - C-5: Summary of Contacts
 - D. Geologist's Affidavit
 - D-1: Locator Map
 - D-2: Structure Map
 - D-3: Cross-Section
 - E. Horizontal Drilling Plans
 - F. Affidavit of Notice
 - F-1: Notice Letter and Certified Notice Spreadsheet
 - G. Affidavit of Publication
-
- Part I
- Part II

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATION OF MATADOR PRODUCTION
COMPANY FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.

CASE NOS. 22988

AFFIDAVIT OF DANIEL BRUGIONI

Daniel Brugioni, of lawful age and being first duly sworn, declares as follows:

1. My name is Daniel Brugioni and I am employed by MRC Energy Company, an affiliate of Matador Production Company ("Matador"), as a Senior Geologist.
2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology. I am familiar with the applications filed by Matador in these consolidated cases and have conducted a geologic study of the lands in the subject area.
3. **Matador Exhibit D-1** is a locator map outlining the horizontal spacing unit with a black box shaded in yellow, with the larger area identified in a red box.
4. The target interval for the initial wells in this case are the First Bone Spring Formation and Second Bone Spring Formation, respectively.
5. **Matador Exhibit D-2** is a subsea structure map that I prepared for the top of the Bone Spring formation. The contour interval is 50 feet. The structure map shows the Bone Spring formation gently dipping to the east. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to horizontal drilling.
6. Also included on Matador Exhibit D-2 is a line of cross section from A to A'.

EXHIBIT 

7. **Matador Exhibit D-3** is a structural cross-section that I prepared displaying open-hole logs run over the Bone Spring formation from the three representative wells denoted from A to A'. For each well in the cross-section, the following logs are included, when available: gamma ray, caliper, resistivity, and porosity. The proposed target interval of each of the respective proposed wells is labeled and marked with a yellow shaded area. The logs in the cross-section demonstrate that the targeted intervals, within the Bone Spring formation, are consistent in thickness across the entirety of the proposed spacing unit.

8. Based on my geologic study of the area, I have not identified any geologic impediments to drilling horizontal wells within the Bone Spring formation in the area of the spacing unit proposed in this case.

9. In my opinion, each quarter-quarter section will be productive and contribute more-or-less equally to production from the horizontal spacing unit.

10. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery.

11. Approving Matador's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

12. **Matador Exhibits D-1 through 3** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT



DANIEL BRUGIONI

STATE OF TEXAS)
COUNTY OF Dallas)

SUBSCRIBED and SWORN to before me this 31st day of October 2023 by Daniel Brugioni.

Susan Pepin
NOTARY PUBLIC

My Commission Expires:

09-27-2025

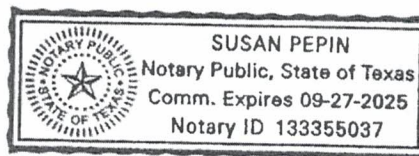
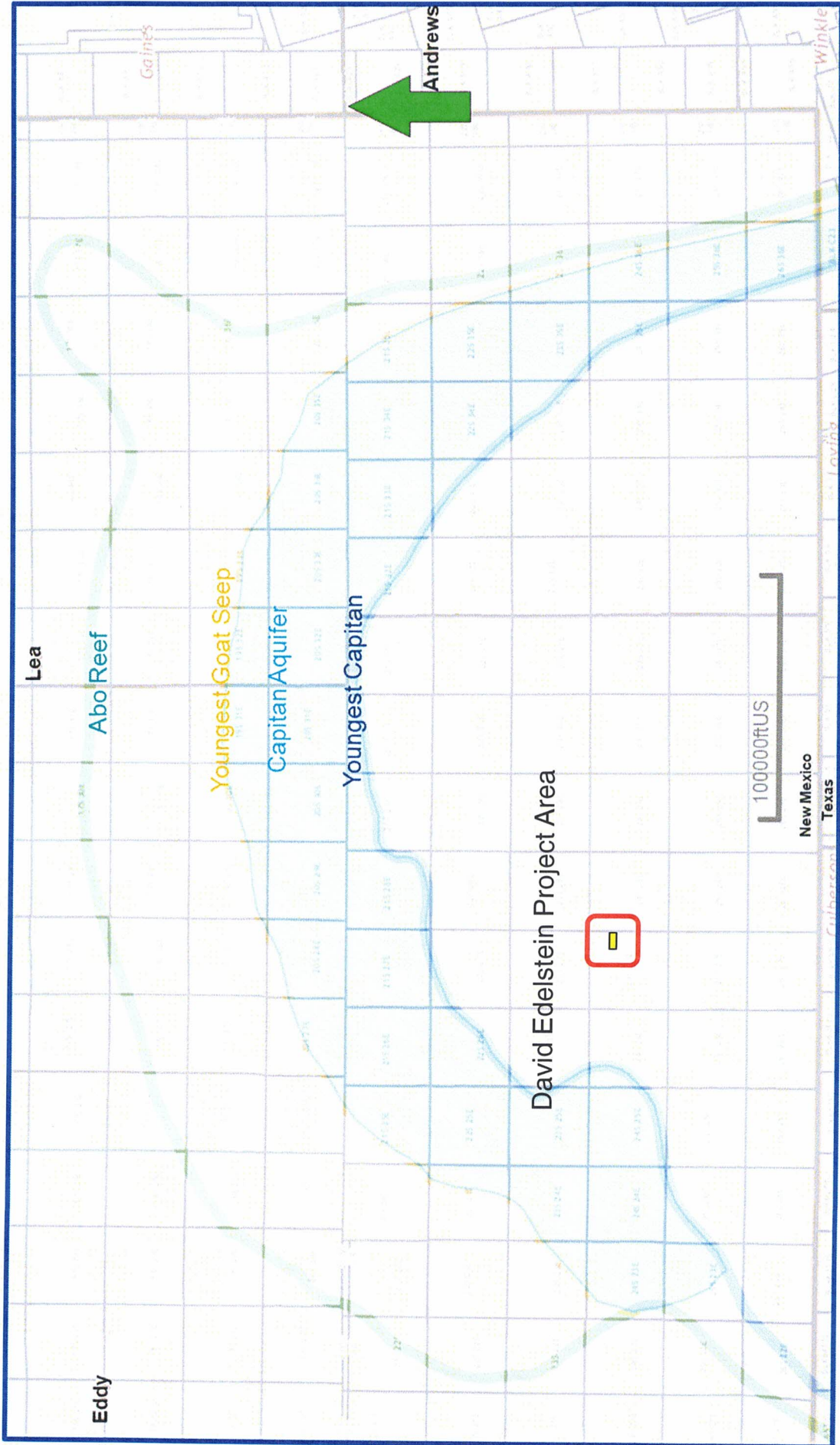


Exhibit D-1

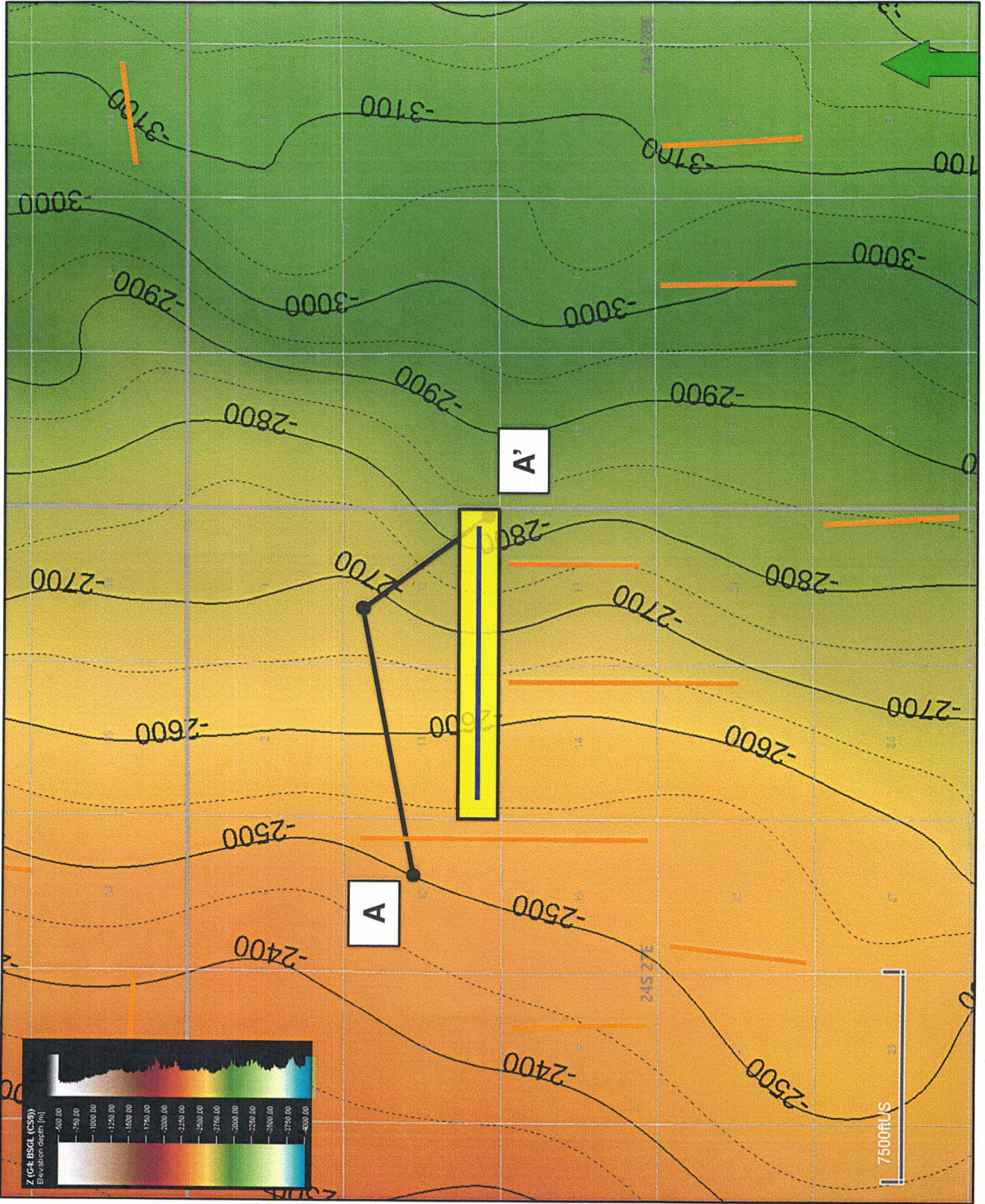
Locator Map



D-1

Willow Lake; Bone Spring, West (96415) Structure Map (Top Bone Spring Subsea) A – A' Reference Line

Exhibit D-2



Map Legend

David Edelstein Wells



Bone Spring Wells



Project Areas



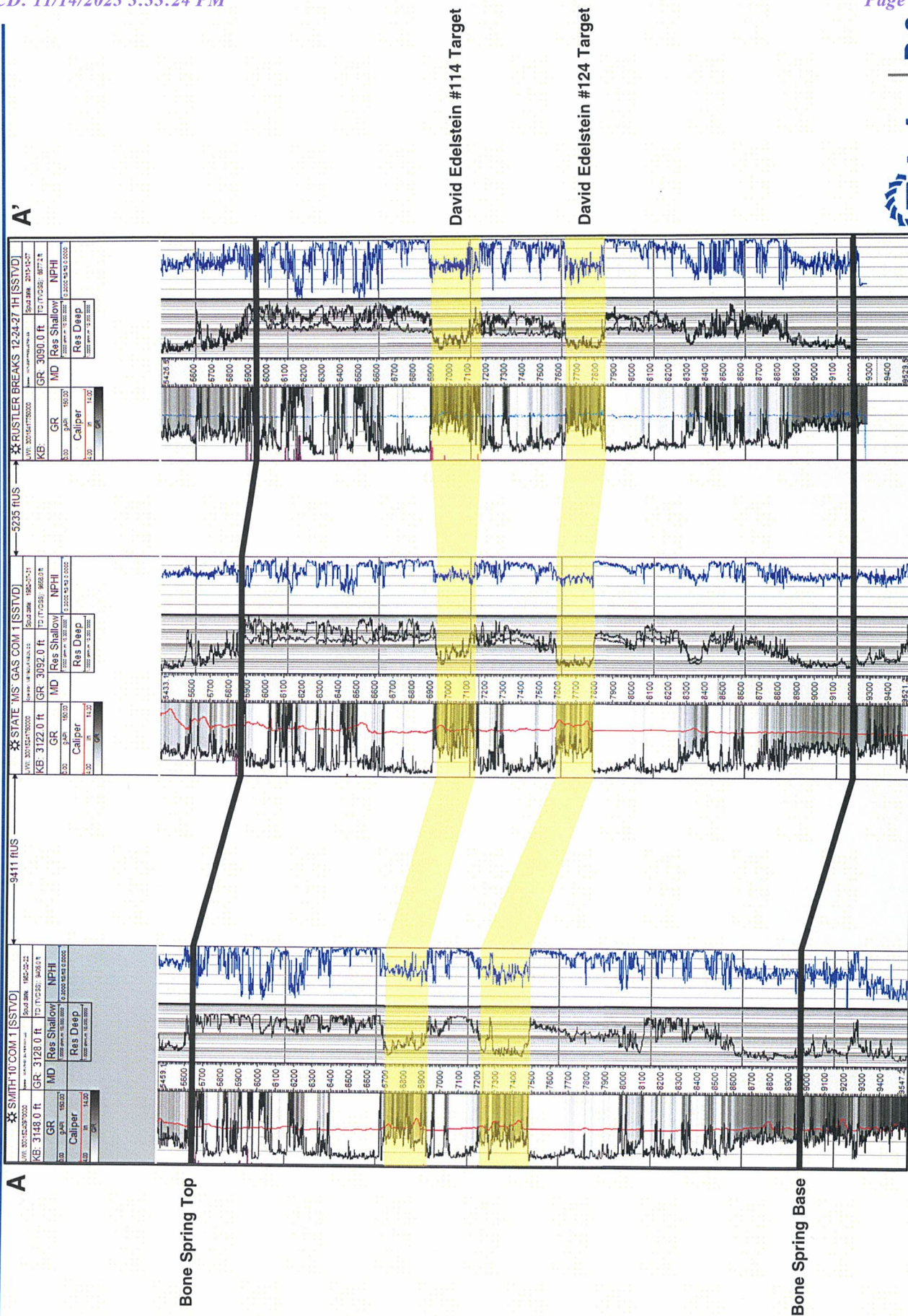
C. I. = 50'



David Edelstein #114 and #124

Exhibit D-3

Willow Lake; Bone Spring, West (96415) Structural Cross-Section A - A'



D-3

David Edelstein #114 and #124

Matador Production Company

Rustler Breaks

David Edelstein

David Edelstein State Com #114H

Wellbore #1

Plan: State Plan #1

Standard Planning Report

04 November, 2022

EXHIBIT E

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #114H
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 #114H	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 #114H					
Well Position	+N/-S	-110.0 usft	Northing:	447,550.00 usft	Latitude:	32° 13' 49.001 N
	+E/-W	30.0 usft	Easting:	561,025.00 usft	Longitude:	104° 8' 9.530 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	47,333.05446054

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	259.59

Plan Survey Tool Program	Date	11/4/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,456.6	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	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,170.4	16.70	169.26	2,146.8	-237.5	45.1	1.00	1.00	0.00	169.26	
5,492.9	16.70	169.26	5,329.1	-1,175.8	223.0	0.00	0.00	0.00	0.00	
6,606.5	0.00	0.00	6,427.0	-1,334.2	253.0	1.50	-1.50	0.00	180.00	VP - David Edelstein
7,506.5	90.00	259.45	7,000.0	-1,439.1	-310.2	10.00	10.00	0.00	259.45	
7,914.7	90.00	267.62	7,000.0	-1,485.0	-715.6	2.00	0.00	2.00	90.00	
17,456.6	90.00	267.62	7,000.0	-1,882.0	-10,249.2	0.00	0.00	0.00	0.00	BHL - David Edelstein

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 #114H	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	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	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	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	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	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
Start Build 1.00										
600.0	1.00	169.26	600.0	-0.9	0.2	0.0	1.00	1.00	0.00	0.00
700.0	2.00	169.26	700.0	-3.4	0.7	0.0	1.00	1.00	0.00	0.00
760.1	2.60	169.26	760.0	-5.8	1.1	0.0	1.00	1.00	0.00	0.00
Castile										
800.0	3.00	169.26	799.9	-7.7	1.5	0.0	1.00	1.00	0.00	0.00
900.0	4.00	169.26	899.7	-13.7	2.6	-0.1	1.00	1.00	0.00	0.00
1,000.0	5.00	169.26	999.4	-21.4	4.1	-0.1	1.00	1.00	0.00	0.00
1,100.0	6.00	169.26	1,098.9	-30.8	5.8	-0.2	1.00	1.00	0.00	0.00
1,200.0	7.00	169.26	1,198.3	-42.0	8.0	-0.2	1.00	1.00	0.00	0.00
1,300.0	8.00	169.26	1,297.4	-54.8	10.4	-0.3	1.00	1.00	0.00	0.00
1,400.0	9.00	169.26	1,396.3	-69.3	13.1	-0.4	1.00	1.00	0.00	0.00
1,500.0	10.00	169.26	1,494.9	-85.5	16.2	-0.5	1.00	1.00	0.00	0.00
1,600.0	11.00	169.26	1,593.3	-103.4	19.6	-0.6	1.00	1.00	0.00	0.00
1,700.0	12.00	169.26	1,691.2	-123.0	23.3	-0.7	1.00	1.00	0.00	0.00
1,800.0	13.00	169.26	1,788.9	-144.3	27.4	-0.9	1.00	1.00	0.00	0.00
1,900.0	14.00	169.26	1,886.1	-167.2	31.7	-1.0	1.00	1.00	0.00	0.00
2,000.0	15.00	169.26	1,982.9	-191.8	36.4	-1.1	1.00	1.00	0.00	0.00
2,100.0	16.00	169.26	2,079.3	-218.1	41.4	-1.3	1.00	1.00	0.00	0.00
2,170.4	16.70	169.26	2,146.8	-237.5	45.1	-1.4	1.00	1.00	0.00	0.00
Start 3322.5 hold at 2170.4 MD										
2,200.0	16.70	169.26	2,175.2	-245.9	46.6	-1.5	0.00	0.00	0.00	0.00
2,300.0	16.70	169.26	2,271.0	-274.1	52.0	-1.6	0.00	0.00	0.00	0.00
2,400.0	16.70	169.26	2,366.7	-302.4	57.3	-1.8	0.00	0.00	0.00	0.00
2,472.9	16.70	169.26	2,436.6	-323.0	61.3	-1.9	0.00	0.00	0.00	0.00
G30:CS14-CSB										
2,481.8	16.70	169.26	2,445.1	-325.5	61.7	-1.9	0.00	0.00	0.00	0.00
G26: Bell Cyn.										
2,500.0	16.70	169.26	2,462.5	-330.6	62.7	-2.0	0.00	0.00	0.00	0.00
2,600.0	16.70	169.26	2,558.3	-358.9	68.1	-2.1	0.00	0.00	0.00	0.00
2,700.0	16.70	169.26	2,654.1	-387.1	73.4	-2.3	0.00	0.00	0.00	0.00
2,800.0	16.70	169.26	2,749.9	-415.3	78.8	-2.5	0.00	0.00	0.00	0.00
2,900.0	16.70	169.26	2,845.6	-443.6	84.1	-2.6	0.00	0.00	0.00	0.00
3,000.0	16.70	169.26	2,941.4	-471.8	89.5	-2.8	0.00	0.00	0.00	0.00
3,100.0	16.70	169.26	3,037.2	-500.1	94.8	-3.0	0.00	0.00	0.00	0.00
3,200.0	16.70	169.26	3,133.0	-528.3	100.2	-3.1	0.00	0.00	0.00	0.00
3,300.0	16.70	169.26	3,228.8	-556.5	105.5	-3.3	0.00	0.00	0.00	0.00
3,327.5	16.70	169.26	3,255.1	-564.3	107.0	-3.3	0.00	0.00	0.00	0.00
G13: Cherry Cyn.										
3,400.0	16.70	169.26	3,324.6	-584.8	110.9	-3.5	0.00	0.00	0.00	0.00
3,500.0	16.70	169.26	3,420.3	-613.0	116.3	-3.6	0.00	0.00	0.00	0.00
3,600.0	16.70	169.26	3,516.1	-641.3	121.6	-3.8	0.00	0.00	0.00	0.00
3,700.0	16.70	169.26	3,611.9	-669.5	127.0	-4.0	0.00	0.00	0.00	0.00
3,800.0	16.70	169.26	3,707.7	-697.7	132.3	-4.1	0.00	0.00	0.00	0.00
3,900.0	16.70	169.26	3,803.5	-726.0	137.7	-4.3	0.00	0.00	0.00	0.00
4,000.0	16.70	169.26	3,899.2	-754.2	143.0	-4.5	0.00	0.00	0.00	0.00
4,100.0	16.70	169.26	3,995.0	-782.5	148.4	-4.6	0.00	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #114H
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 #114H	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)
4,200.0	16.70	169.26	4,090.8	-810.7	153.8	-4.8	0.00	0.00	0.00
4,300.0	16.70	169.26	4,186.6	-838.9	159.1	-5.0	0.00	0.00	0.00
4,400.0	16.70	169.26	4,282.4	-867.2	164.5	-5.1	0.00	0.00	0.00
4,442.1	16.70	169.26	4,322.6	-879.0	166.7	-5.2	0.00	0.00	0.00
G7: Brushy Cyn.									
4,500.0	16.70	169.26	4,378.1	-895.4	169.8	-5.3	0.00	0.00	0.00
4,600.0	16.70	169.26	4,473.9	-923.6	175.2	-5.5	0.00	0.00	0.00
4,700.0	16.70	169.26	4,569.7	-951.9	180.5	-5.6	0.00	0.00	0.00
4,800.0	16.70	169.26	4,665.5	-980.1	185.9	-5.8	0.00	0.00	0.00
4,900.0	16.70	169.26	4,761.3	-1,008.4	191.2	-6.0	0.00	0.00	0.00
5,000.0	16.70	169.26	4,857.0	-1,036.6	196.6	-6.1	0.00	0.00	0.00
5,100.0	16.70	169.26	4,952.8	-1,064.8	202.0	-6.3	0.00	0.00	0.00
5,200.0	16.70	169.26	5,048.6	-1,093.1	207.3	-6.5	0.00	0.00	0.00
5,300.0	16.70	169.26	5,144.4	-1,121.3	212.7	-6.6	0.00	0.00	0.00
5,400.0	16.70	169.26	5,240.2	-1,149.6	218.0	-6.8	0.00	0.00	0.00
5,492.9	16.70	169.26	5,329.1	-1,175.8	223.0	-7.0	0.00	0.00	0.00
Start Drop -1.50									
5,500.0	16.60	169.26	5,335.9	-1,177.8	223.4	-7.0	1.50	-1.50	0.00
5,600.0	15.10	169.26	5,432.1	-1,204.6	228.5	-7.1	1.50	-1.50	0.00
5,700.0	13.60	169.26	5,529.0	-1,229.0	233.1	-7.3	1.50	-1.50	0.00
5,800.0	12.10	169.26	5,626.5	-1,250.8	237.2	-7.4	1.50	-1.50	0.00
5,900.0	10.60	169.26	5,724.5	-1,270.1	240.9	-7.5	1.50	-1.50	0.00
6,000.0	9.10	169.26	5,823.1	-1,286.9	244.1	-7.6	1.50	-1.50	0.00
6,090.9	7.73	169.26	5,913.0	-1,300.0	246.6	-7.7	1.50	-1.50	0.00
G4: BSG (CS9)									
6,100.0	7.60	169.26	5,922.0	-1,301.2	246.8	-7.7	1.50	-1.50	0.00
6,200.0	6.10	169.26	6,021.3	-1,312.9	249.0	-7.8	1.50	-1.50	0.00
6,300.0	4.60	169.26	6,120.9	-1,322.1	250.7	-7.8	1.50	-1.50	0.00
6,400.0	3.10	169.26	6,220.6	-1,328.7	252.0	-7.9	1.50	-1.50	0.00
6,500.0	1.60	169.26	6,320.5	-1,332.7	252.8	-7.9	1.50	-1.50	0.00
6,606.5	0.00	0.00	6,427.0	-1,334.2	253.0	-7.9	1.50	-1.50	-158.97
Start Build 10.00 - VP - David Edelstein #114H									
6,650.0	4.35	259.45	6,470.5	-1,334.5	251.4	-6.3	10.00	10.00	-231.00
6,700.0	9.35	259.45	6,520.1	-1,335.5	245.5	-0.3	10.00	10.00	0.00
6,750.0	14.35	259.45	6,569.0	-1,337.4	235.4	10.0	10.00	10.00	0.00
6,779.4	17.29	259.45	6,597.3	-1,338.9	227.6	18.0	10.00	10.00	0.00
L5.3: FBSC									
6,800.0	19.35	259.45	6,616.9	-1,340.1	221.2	24.5	10.00	10.00	0.00
6,850.0	24.35	259.45	6,663.3	-1,343.5	202.9	43.1	10.00	10.00	0.00
6,900.0	29.35	259.45	6,707.9	-1,347.6	180.7	65.6	10.00	10.00	0.00
6,950.0	34.35	259.45	6,750.3	-1,352.4	154.8	92.0	10.00	10.00	0.00
7,000.0	39.35	259.45	6,790.3	-1,357.9	125.3	122.0	10.00	10.00	0.00
7,050.0	44.35	259.45	6,827.5	-1,364.0	92.5	155.4	10.00	10.00	0.00
7,100.0	49.35	259.45	6,861.7	-1,370.7	56.7	191.8	10.00	10.00	0.00
7,110.2	50.37	259.45	6,868.3	-1,372.1	49.0	199.6	10.00	10.00	0.00
FTP - David Edelstein #114H									
7,150.0	54.35	259.45	6,892.6	-1,377.9	18.0	231.1	10.00	10.00	0.00
7,171.6	56.51	259.45	6,904.8	-1,381.2	0.6	248.9	10.00	10.00	0.00
L5.1: FBSC									
7,174.2	56.78	259.45	6,906.3	-1,381.6	-1.6	251.1	10.00	10.00	0.00
L5.1: FBSC									
7,200.0	59.35	259.45	6,919.9	-1,385.6	-23.1	273.0	10.00	10.00	0.00
7,250.0	64.35	259.45	6,943.5	-1,393.6	-66.4	317.1	10.00	10.00	0.00

Planning Report

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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)
7,300.0	69.35	259.45	6,963.2	-1,402.1	-111.6	363.0	10.00	10.00	0.00
7,350.0	74.35	259.45	6,978.7	-1,410.8	-158.3	410.5	10.00	10.00	0.00
7,400.0	79.35	259.45	6,990.1	-1,419.7	-206.2	459.2	10.00	10.00	0.00
7,450.0	84.35	259.45	6,997.2	-1,428.7	-254.8	508.7	10.00	10.00	0.00
7,500.0	89.35	259.45	6,999.9	-1,437.9	-303.9	558.6	10.00	10.00	0.00
7,506.5	90.00	259.45	7,000.0	-1,439.1	-310.2	565.0	10.00	10.00	0.00
Start DLS 2.00 TFO 90.00									
7,600.0	90.00	261.32	7,000.0	-1,454.7	-402.5	658.6	2.00	0.00	2.00
7,700.0	90.00	263.32	7,000.0	-1,468.0	-501.6	758.4	2.00	0.00	2.00
7,800.0	90.00	265.32	7,000.0	-1,477.9	-601.1	858.1	2.00	0.00	2.00
7,900.0	90.00	267.32	7,000.0	-1,484.4	-700.8	957.4	2.00	0.00	2.00
7,914.7	90.00	267.62	7,000.0	-1,485.0	-715.6	972.0	2.00	0.00	2.00
Start 9541.9 hold at 7914.7 MD									
8,000.0	90.00	267.62	7,000.0	-1,488.6	-800.8	1,056.4	0.00	0.00	0.00
8,100.0	90.00	267.62	7,000.0	-1,492.7	-900.7	1,155.5	0.00	0.00	0.00
8,200.0	90.00	267.62	7,000.0	-1,496.9	-1,000.6	1,254.5	0.00	0.00	0.00
8,300.0	90.00	267.62	7,000.0	-1,501.0	-1,100.5	1,353.5	0.00	0.00	0.00
8,400.0	90.00	267.62	7,000.0	-1,505.2	-1,200.4	1,452.5	0.00	0.00	0.00
8,500.0	90.00	267.62	7,000.0	-1,509.4	-1,300.3	1,551.5	0.00	0.00	0.00
8,600.0	90.00	267.62	7,000.0	-1,513.5	-1,400.2	1,650.6	0.00	0.00	0.00
8,700.0	90.00	267.62	7,000.0	-1,517.7	-1,500.1	1,749.6	0.00	0.00	0.00
8,800.0	90.00	267.62	7,000.0	-1,521.8	-1,600.1	1,848.6	0.00	0.00	0.00
8,900.0	90.00	267.62	7,000.0	-1,526.0	-1,700.0	1,947.6	0.00	0.00	0.00
9,000.0	90.00	267.62	7,000.0	-1,530.2	-1,799.9	2,046.6	0.00	0.00	0.00
9,100.0	90.00	267.62	7,000.0	-1,534.3	-1,899.8	2,145.7	0.00	0.00	0.00
9,200.0	90.00	267.62	7,000.0	-1,538.5	-1,999.7	2,244.7	0.00	0.00	0.00
9,300.0	90.00	267.62	7,000.0	-1,542.6	-2,099.6	2,343.7	0.00	0.00	0.00
9,400.0	90.00	267.62	7,000.0	-1,546.8	-2,199.5	2,442.7	0.00	0.00	0.00
9,500.0	90.00	267.62	7,000.0	-1,551.0	-2,299.5	2,541.8	0.00	0.00	0.00
9,600.0	90.00	267.62	7,000.0	-1,555.1	-2,399.4	2,640.8	0.00	0.00	0.00
9,700.0	90.00	267.62	7,000.0	-1,559.3	-2,499.3	2,739.8	0.00	0.00	0.00
9,800.0	90.00	267.62	7,000.0	-1,563.4	-2,599.2	2,838.8	0.00	0.00	0.00
9,900.0	90.00	267.62	7,000.0	-1,567.6	-2,699.1	2,937.8	0.00	0.00	0.00
10,000.0	90.00	267.62	7,000.0	-1,571.8	-2,799.0	3,036.9	0.00	0.00	0.00
10,100.0	90.00	267.62	7,000.0	-1,575.9	-2,898.9	3,135.9	0.00	0.00	0.00
10,200.0	90.00	267.62	7,000.0	-1,580.1	-2,998.9	3,234.9	0.00	0.00	0.00
10,300.0	90.00	267.62	7,000.0	-1,584.3	-3,098.8	3,333.9	0.00	0.00	0.00
10,400.0	90.00	267.62	7,000.0	-1,588.4	-3,198.7	3,433.0	0.00	0.00	0.00
10,500.0	90.00	267.62	7,000.0	-1,592.6	-3,298.6	3,532.0	0.00	0.00	0.00
10,600.0	90.00	267.62	7,000.0	-1,596.7	-3,398.5	3,631.0	0.00	0.00	0.00
10,700.0	90.00	267.62	7,000.0	-1,600.9	-3,498.4	3,730.0	0.00	0.00	0.00
10,800.0	90.00	267.62	7,000.0	-1,605.1	-3,598.3	3,829.0	0.00	0.00	0.00
10,900.0	90.00	267.62	7,000.0	-1,609.2	-3,698.2	3,928.1	0.00	0.00	0.00
11,000.0	90.00	267.62	7,000.0	-1,613.4	-3,798.2	4,027.1	0.00	0.00	0.00
11,100.0	90.00	267.62	7,000.0	-1,617.5	-3,898.1	4,126.1	0.00	0.00	0.00
11,200.0	90.00	267.62	7,000.0	-1,621.7	-3,998.0	4,225.1	0.00	0.00	0.00
11,300.0	90.00	267.62	7,000.0	-1,625.9	-4,097.9	4,324.2	0.00	0.00	0.00
11,400.0	90.00	267.62	7,000.0	-1,630.0	-4,197.8	4,423.2	0.00	0.00	0.00
11,500.0	90.00	267.62	7,000.0	-1,634.2	-4,297.7	4,522.2	0.00	0.00	0.00
11,600.0	90.00	267.62	7,000.0	-1,638.3	-4,397.6	4,621.2	0.00	0.00	0.00
11,700.0	90.00	267.62	7,000.0	-1,642.5	-4,497.5	4,720.2	0.00	0.00	0.00
11,800.0	90.00	267.62	7,000.0	-1,646.7	-4,597.5	4,819.3	0.00	0.00	0.00
11,900.0	90.00	267.62	7,000.0	-1,650.8	-4,697.4	4,918.3	0.00	0.00	0.00
12,000.0	90.00	267.62	7,000.0	-1,655.0	-4,797.3	5,017.3	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #114H
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 #114H	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)
12,100.0	90.00	267.62	7,000.0	-1,659.1	-4,897.2	5,116.3	0.00	0.00	0.00
12,200.0	90.00	267.62	7,000.0	-1,663.3	-4,997.1	5,215.3	0.00	0.00	0.00
12,300.0	90.00	267.62	7,000.0	-1,667.5	-5,097.0	5,314.4	0.00	0.00	0.00
12,400.0	90.00	267.62	7,000.0	-1,671.6	-5,196.9	5,413.4	0.00	0.00	0.00
12,500.0	90.00	267.62	7,000.0	-1,675.8	-5,296.9	5,512.4	0.00	0.00	0.00
12,600.0	90.00	267.62	7,000.0	-1,680.0	-5,396.8	5,611.4	0.00	0.00	0.00
12,700.0	90.00	267.62	7,000.0	-1,684.1	-5,496.7	5,710.5	0.00	0.00	0.00
12,800.0	90.00	267.62	7,000.0	-1,688.3	-5,596.6	5,809.5	0.00	0.00	0.00
12,900.0	90.00	267.62	7,000.0	-1,692.4	-5,696.5	5,908.5	0.00	0.00	0.00
13,000.0	90.00	267.62	7,000.0	-1,696.6	-5,796.4	6,007.5	0.00	0.00	0.00
13,100.0	90.00	267.62	7,000.0	-1,700.8	-5,896.3	6,106.5	0.00	0.00	0.00
13,200.0	90.00	267.62	7,000.0	-1,704.9	-5,996.3	6,205.6	0.00	0.00	0.00
13,300.0	90.00	267.62	7,000.0	-1,709.1	-6,096.2	6,304.6	0.00	0.00	0.00
13,400.0	90.00	267.62	7,000.0	-1,713.2	-6,196.1	6,403.6	0.00	0.00	0.00
13,500.0	90.00	267.62	7,000.0	-1,717.4	-6,296.0	6,502.6	0.00	0.00	0.00
13,600.0	90.00	267.62	7,000.0	-1,721.6	-6,395.9	6,601.7	0.00	0.00	0.00
13,700.0	90.00	267.62	7,000.0	-1,725.7	-6,495.8	6,700.7	0.00	0.00	0.00
13,800.0	90.00	267.62	7,000.0	-1,729.9	-6,595.7	6,799.7	0.00	0.00	0.00
13,900.0	90.00	267.62	7,000.0	-1,734.0	-6,695.6	6,898.7	0.00	0.00	0.00
14,000.0	90.00	267.62	7,000.0	-1,738.2	-6,795.6	6,997.7	0.00	0.00	0.00
14,100.0	90.00	267.62	7,000.0	-1,742.4	-6,895.5	7,096.8	0.00	0.00	0.00
14,200.0	90.00	267.62	7,000.0	-1,746.5	-6,995.4	7,195.8	0.00	0.00	0.00
14,300.0	90.00	267.62	7,000.0	-1,750.7	-7,095.3	7,294.8	0.00	0.00	0.00
14,400.0	90.00	267.62	7,000.0	-1,754.9	-7,195.2	7,393.8	0.00	0.00	0.00
14,500.0	90.00	267.62	7,000.0	-1,759.0	-7,295.1	7,492.9	0.00	0.00	0.00
14,600.0	90.00	267.62	7,000.0	-1,763.2	-7,395.0	7,591.9	0.00	0.00	0.00
14,700.0	90.00	267.62	7,000.0	-1,767.3	-7,495.0	7,690.9	0.00	0.00	0.00
14,800.0	90.00	267.62	7,000.0	-1,771.5	-7,594.9	7,789.9	0.00	0.00	0.00
14,900.0	90.00	267.62	7,000.0	-1,775.7	-7,694.8	7,888.9	0.00	0.00	0.00
15,000.0	90.00	267.62	7,000.0	-1,779.8	-7,794.7	7,988.0	0.00	0.00	0.00
15,100.0	90.00	267.62	7,000.0	-1,784.0	-7,894.6	8,087.0	0.00	0.00	0.00
15,200.0	90.00	267.62	7,000.0	-1,788.1	-7,994.5	8,186.0	0.00	0.00	0.00
15,300.0	90.00	267.62	7,000.0	-1,792.3	-8,094.4	8,285.0	0.00	0.00	0.00
15,400.0	90.00	267.62	7,000.0	-1,796.5	-8,194.3	8,384.0	0.00	0.00	0.00
15,500.0	90.00	267.62	7,000.0	-1,800.6	-8,294.3	8,483.1	0.00	0.00	0.00
15,600.0	90.00	267.62	7,000.0	-1,804.8	-8,394.2	8,582.1	0.00	0.00	0.00
15,700.0	90.00	267.62	7,000.0	-1,808.9	-8,494.1	8,681.1	0.00	0.00	0.00
15,800.0	90.00	267.62	7,000.0	-1,813.1	-8,594.0	8,780.1	0.00	0.00	0.00
15,900.0	90.00	267.62	7,000.0	-1,817.3	-8,693.9	8,879.2	0.00	0.00	0.00
16,000.0	90.00	267.62	7,000.0	-1,821.4	-8,793.8	8,978.2	0.00	0.00	0.00
16,100.0	90.00	267.62	7,000.0	-1,825.6	-8,893.7	9,077.2	0.00	0.00	0.00
16,200.0	90.00	267.62	7,000.0	-1,829.7	-8,993.7	9,176.2	0.00	0.00	0.00
16,300.0	90.00	267.62	7,000.0	-1,833.9	-9,093.6	9,275.2	0.00	0.00	0.00
16,400.0	90.00	267.62	7,000.0	-1,838.1	-9,193.5	9,374.3	0.00	0.00	0.00
16,500.0	90.00	267.62	7,000.0	-1,842.2	-9,293.4	9,473.3	0.00	0.00	0.00
16,600.0	90.00	267.62	7,000.0	-1,846.4	-9,393.3	9,572.3	0.00	0.00	0.00
16,700.0	90.00	267.62	7,000.0	-1,850.6	-9,493.2	9,671.3	0.00	0.00	0.00
16,800.0	90.00	267.62	7,000.0	-1,854.7	-9,593.1	9,770.4	0.00	0.00	0.00
16,900.0	90.00	267.62	7,000.0	-1,858.9	-9,693.0	9,869.4	0.00	0.00	0.00
17,000.0	90.00	267.62	7,000.0	-1,863.0	-9,793.0	9,968.4	0.00	0.00	0.00
17,100.0	90.00	267.62	7,000.0	-1,867.2	-9,892.9	10,067.4	0.00	0.00	0.00
17,200.0	90.00	267.62	7,000.0	-1,871.4	-9,992.8	10,166.4	0.00	0.00	0.00
17,300.0	90.00	267.62	7,000.0	-1,875.5	-10,092.7	10,265.5	0.00	0.00	0.00
17,400.0	90.00	267.62	7,000.0	-1,879.7	-10,192.6	10,364.5	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #114H
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 #114H	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)
17,456.6	90.00	267.62	7,000.0	-1,882.0	-10,249.2	10,420.6	0.00	0.00	0.00
TD at 17456.6 - BHL - David Edelstein #114H									

Design Targets									
Target Name	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	0.00	6,427.0	-1,334.2	253.0	446,216.00	561,278.00	32° 13' 35.794 N	104° 8' 6.613 W
BHL - David Edelstein # - plan hits target center - Point	0.00	0.00	7,000.0	-1,882.0	-10,249.2	445,668.00	550,776.00	32° 13' 30.546 N	104° 10' 8.884 W
FTP - David Edelstein # - plan misses target center by 331.2usft at 7110.2usft MD (6868.3 TVD, -1372.1 N, 49.0 E) - Point	0.00	0.00	7,000.0	-1,634.2	203.0	445,916.00	561,228.00	32° 13' 32.826 N	104° 8' 7.201 W

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
760.1	760.0	Castile		0.00	267.62	
2,472.9	2,436.6	G30:CS14-CSB		0.00	267.62	
2,481.8	2,445.1	G26: Bell Cyn.		0.00	267.62	
3,327.5	3,255.1	G13: Cherry Cyn.		0.00	267.62	
4,442.1	4,322.6	G7: Brushy Cyn.		0.00	267.62	
6,090.9	5,913.0	G4: BSG (CS9)		0.00	267.62	
6,779.4	6,597.3	L5.3: FBSC		0.00	267.62	
7,171.6	6,904.8	L5.1: FBSC		0.00	267.62	
7,174.2	6,906.3	L5.1: FBSC		0.00	267.62	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
500.0	500.0	0.0	0.0	Start Build 1.00	
2,170.4	2,146.8	-237.5	45.1	Start 3322.5 hold at 2170.4 MD	
5,492.9	5,329.1	-1,175.8	223.0	Start Drop -1.50	
6,606.5	6,427.0	-1,334.2	253.0	Start Build 10.00	
7,506.5	7,000.0	-1,439.1	-310.2	Start DLS 2.00 TFO 90.00	
7,914.7	7,000.0	-1,485.0	-715.6	Start 9541.9 hold at 7914.7 MD	
17,456.6	7,000.0	-1,882.0	-10,249.2	TD at 17456.6	

Matador Production Company

Rustler Breaks

David Edelstein

David Edelstein State Com #124H

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 #124H
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 #124H	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 #124H					
Well Position	+N/-S	-110.0 usft	Northing:	447,550.00 usft	Latitude:	32° 13' 49.001 N
	+E/-W	0.0 usft	Easting:	560,995.00 usft	Longitude:	104° 8' 9.879 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	47,333.04439687

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	261.37

Plan Survey Tool Program	Date	11/4/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	18,154.3	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	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,506.8	10.07	164.26	1,501.6	-84.9	23.9	1.00	1.00	0.00	164.26	
6,633.4	10.07	164.26	6,549.3	-947.5	267.1	0.00	0.00	0.00	0.00	
7,304.6	0.00	0.00	7,217.0	-1,004.1	283.0	1.50	-1.50	0.00	180.00	VP - David Edelstein
8,204.6	90.00	259.50	7,790.0	-1,108.5	-280.3	10.00	10.00	0.00	259.50	
8,610.4	90.00	267.62	7,790.0	-1,154.0	-683.2	2.00	0.00	2.00	90.00	
18,154.3	90.00	267.62	7,790.0	-1,551.0	-10,218.9	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 #124H
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 #124H	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	
Start Build 1.00										
600.0	1.00	164.26	600.0	-0.8	0.2	-0.1	1.00	1.00	0.00	
700.0	2.00	164.26	700.0	-3.4	0.9	-0.4	1.00	1.00	0.00	
760.1	2.60	164.26	760.0	-5.7	1.6	-0.7	1.00	1.00	0.00	
Castile										
800.0	3.00	164.26	799.9	-7.6	2.1	-1.0	1.00	1.00	0.00	
900.0	4.00	164.26	899.7	-13.4	3.8	-1.7	1.00	1.00	0.00	
1,000.0	5.00	164.26	999.4	-21.0	5.9	-2.7	1.00	1.00	0.00	
1,100.0	6.00	164.26	1,098.9	-30.2	8.5	-3.9	1.00	1.00	0.00	
1,200.0	7.00	164.26	1,198.3	-41.1	11.6	-5.3	1.00	1.00	0.00	
1,300.0	8.00	164.26	1,297.4	-53.7	15.1	-6.9	1.00	1.00	0.00	
1,400.0	9.00	164.26	1,396.3	-67.9	19.1	-8.7	1.00	1.00	0.00	
1,506.8	10.07	164.26	1,501.6	-84.9	23.9	-10.9	1.00	1.00	0.00	
Start 5126.6 hold at 1506.8 MD										
1,600.0	10.07	164.26	1,593.4	-100.6	28.4	-12.9	0.00	0.00	0.00	
1,700.0	10.07	164.26	1,691.9	-117.4	33.1	-15.1	0.00	0.00	0.00	
1,800.0	10.07	164.26	1,790.3	-134.3	37.8	-17.3	0.00	0.00	0.00	
1,900.0	10.07	164.26	1,888.8	-151.1	42.6	-19.4	0.00	0.00	0.00	
2,000.0	10.07	164.26	1,987.2	-167.9	47.3	-21.6	0.00	0.00	0.00	
2,100.0	10.07	164.26	2,085.7	-184.7	52.1	-23.8	0.00	0.00	0.00	
2,200.0	10.07	164.26	2,184.2	-201.6	56.8	-25.9	0.00	0.00	0.00	
2,300.0	10.07	164.26	2,282.6	-218.4	61.6	-28.1	0.00	0.00	0.00	
2,400.0	10.07	164.26	2,381.1	-235.2	66.3	-30.3	0.00	0.00	0.00	
2,456.4	10.07	164.26	2,436.6	-244.7	69.0	-31.5	0.00	0.00	0.00	
G30:CS14-CSB										
2,465.0	10.07	164.26	2,445.1	-246.1	69.4	-31.7	0.00	0.00	0.00	
G26: Bell Cyn.										
2,500.0	10.07	164.26	2,479.5	-252.0	71.0	-32.4	0.00	0.00	0.00	
2,600.0	10.07	164.26	2,578.0	-268.9	75.8	-34.6	0.00	0.00	0.00	
2,700.0	10.07	164.26	2,676.5	-285.7	80.5	-36.7	0.00	0.00	0.00	
2,800.0	10.07	164.26	2,774.9	-302.5	85.3	-38.9	0.00	0.00	0.00	
2,900.0	10.07	164.26	2,873.4	-319.3	90.0	-41.1	0.00	0.00	0.00	
3,000.0	10.07	164.26	2,971.8	-336.2	94.8	-43.2	0.00	0.00	0.00	
3,100.0	10.07	164.26	3,070.3	-353.0	99.5	-45.4	0.00	0.00	0.00	
3,200.0	10.07	164.26	3,168.8	-369.8	104.2	-47.6	0.00	0.00	0.00	
3,287.7	10.07	164.26	3,255.1	-384.6	108.4	-49.5	0.00	0.00	0.00	
G13: Cherry Cyn.										
3,300.0	10.07	164.26	3,267.2	-386.6	109.0	-49.7	0.00	0.00	0.00	
3,400.0	10.07	164.26	3,365.7	-403.5	113.7	-51.9	0.00	0.00	0.00	
3,500.0	10.07	164.26	3,464.1	-420.3	118.5	-54.1	0.00	0.00	0.00	
3,600.0	10.07	164.26	3,562.6	-437.1	123.2	-56.2	0.00	0.00	0.00	
3,700.0	10.07	164.26	3,661.1	-453.9	128.0	-58.4	0.00	0.00	0.00	
3,800.0	10.07	164.26	3,759.5	-470.8	132.7	-60.6	0.00	0.00	0.00	
3,900.0	10.07	164.26	3,858.0	-487.6	137.4	-62.7	0.00	0.00	0.00	
4,000.0	10.07	164.26	3,956.4	-504.4	142.2	-64.9	0.00	0.00	0.00	
4,100.0	10.07	164.26	4,054.9	-521.2	146.9	-67.0	0.00	0.00	0.00	
4,200.0	10.07	164.26	4,153.4	-538.1	151.7	-69.2	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #124H
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 #124H	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)	
4,300.0	10.07	164.26	4,251.8	-554.9	156.4	-71.4	0.00	0.00	0.00	
4,371.9	10.07	164.26	4,322.6	-567.0	159.8	-72.9	0.00	0.00	0.00	
G7: Brushy Cyn.										
4,400.0	10.07	164.26	4,350.3	-571.7	161.2	-73.5	0.00	0.00	0.00	
4,500.0	10.07	164.26	4,448.7	-588.5	165.9	-75.7	0.00	0.00	0.00	
4,600.0	10.07	164.26	4,547.2	-605.4	170.6	-77.9	0.00	0.00	0.00	
4,700.0	10.07	164.26	4,645.7	-622.2	175.4	-80.0	0.00	0.00	0.00	
4,800.0	10.07	164.26	4,744.1	-639.0	180.1	-82.2	0.00	0.00	0.00	
4,900.0	10.07	164.26	4,842.6	-655.8	184.9	-84.4	0.00	0.00	0.00	
5,000.0	10.07	164.26	4,941.0	-672.7	189.6	-86.5	0.00	0.00	0.00	
5,100.0	10.07	164.26	5,039.5	-689.5	194.3	-88.7	0.00	0.00	0.00	
5,200.0	10.07	164.26	5,138.0	-706.3	199.1	-90.8	0.00	0.00	0.00	
5,300.0	10.07	164.26	5,236.4	-723.1	203.8	-93.0	0.00	0.00	0.00	
5,400.0	10.07	164.26	5,334.9	-740.0	208.6	-95.2	0.00	0.00	0.00	
5,500.0	10.07	164.26	5,433.3	-756.8	213.3	-97.3	0.00	0.00	0.00	
5,600.0	10.07	164.26	5,531.8	-773.6	218.1	-99.5	0.00	0.00	0.00	
5,700.0	10.07	164.26	5,630.3	-790.4	222.8	-101.7	0.00	0.00	0.00	
5,800.0	10.07	164.26	5,728.7	-807.3	227.5	-103.8	0.00	0.00	0.00	
5,900.0	10.07	164.26	5,827.2	-824.1	232.3	-106.0	0.00	0.00	0.00	
5,987.2	10.07	164.26	5,913.0	-838.8	236.4	-107.9	0.00	0.00	0.00	
G4: BSGL (CS9)										
6,000.0	10.07	164.26	5,925.6	-840.9	237.0	-108.2	0.00	0.00	0.00	
6,100.0	10.07	164.26	6,024.1	-857.7	241.8	-110.3	0.00	0.00	0.00	
6,200.0	10.07	164.26	6,122.6	-874.6	246.5	-112.5	0.00	0.00	0.00	
6,300.0	10.07	164.26	6,221.0	-891.4	251.3	-114.7	0.00	0.00	0.00	
6,400.0	10.07	164.26	6,319.5	-908.2	256.0	-116.8	0.00	0.00	0.00	
6,500.0	10.07	164.26	6,417.9	-925.0	260.7	-119.0	0.00	0.00	0.00	
6,600.0	10.07	164.26	6,516.4	-941.9	265.5	-121.1	0.00	0.00	0.00	
6,633.4	10.07	164.26	6,549.3	-947.5	267.1	-121.9	0.00	0.00	0.00	
Start Drop -1.50										
6,682.1	9.34	164.26	6,597.3	-955.4	269.3	-122.9	1.50	-1.50	0.00	
L5.3: FBSC										
6,700.0	9.07	164.26	6,615.0	-958.1	270.1	-123.2	1.50	-1.50	0.00	
6,800.0	7.57	164.26	6,713.9	-972.1	274.0	-125.0	1.50	-1.50	0.00	
6,900.0	6.07	164.26	6,813.2	-983.5	277.2	-126.5	1.50	-1.50	0.00	
6,992.0	4.69	164.26	6,904.8	-991.8	279.6	-127.6	1.50	-1.50	0.00	
L5.1: FBSC										
6,993.5	4.67	164.26	6,906.3	-991.9	279.6	-127.6	1.50	-1.50	0.00	
L5.1: FBSC										
7,000.0	4.57	164.26	6,912.8	-992.4	279.7	-127.6	1.50	-1.50	0.00	
7,100.0	3.07	164.26	7,012.5	-998.8	281.5	-128.5	1.50	-1.50	0.00	
7,200.0	1.57	164.26	7,112.5	-1,002.7	282.6	-129.0	1.50	-1.50	0.00	
7,265.5	0.59	164.26	7,178.0	-1,003.9	283.0	-129.1	1.50	-1.50	0.00	
L4.3: SBSC										
7,304.6	0.00	0.00	7,217.0	-1,004.1	283.0	-129.2	1.50	-1.50	0.00	
Start Build 10.00 - VP - David Edelstein #124H										
7,350.0	4.54	259.50	7,262.4	-1,004.4	281.3	-127.4	10.00	10.00	0.00	
7,400.0	9.54	259.50	7,312.0	-1,005.5	275.2	-121.2	10.00	10.00	0.00	
7,450.0	14.54	259.50	7,360.9	-1,007.4	265.0	-110.8	10.00	10.00	0.00	
7,500.0	19.54	259.50	7,408.7	-1,010.1	250.6	-96.2	10.00	10.00	0.00	
7,550.0	24.54	259.50	7,455.0	-1,013.5	232.1	-77.4	10.00	10.00	0.00	
7,600.0	29.54	259.50	7,499.5	-1,017.7	209.8	-54.7	10.00	10.00	0.00	
7,650.0	34.54	259.50	7,541.9	-1,022.5	183.7	-28.2	10.00	10.00	0.00	

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #124H
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 #124H	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)
7,700.0	39.54	259.50	7,581.8	-1,028.0	154.1	1.9	10.00	10.00	0.00
7,740.4	43.58	259.50	7,612.0	-1,032.9	127.7	28.7	10.00	10.00	0.00
L4.1: SBSG									
7,750.0	44.54	259.50	7,618.9	-1,034.1	121.2	35.4	10.00	10.00	0.00
7,800.0	49.54	259.50	7,653.0	-1,040.8	85.2	71.9	10.00	10.00	0.00
7,807.5	50.30	259.50	7,657.8	-1,041.8	79.5	77.7	10.00	10.00	0.00
FTP - David Edelstein #124H									
7,850.0	54.54	259.50	7,683.7	-1,047.9	46.5	111.3	10.00	10.00	0.00
7,900.0	59.54	259.50	7,710.9	-1,055.6	5.2	153.2	10.00	10.00	0.00
7,950.0	64.54	259.50	7,734.3	-1,063.6	-38.2	197.4	10.00	10.00	0.00
8,000.0	69.54	259.50	7,753.8	-1,072.0	-83.4	243.4	10.00	10.00	0.00
8,050.0	74.54	259.50	7,769.2	-1,080.7	-130.2	290.9	10.00	10.00	0.00
8,100.0	79.54	259.50	7,780.4	-1,089.6	-178.1	339.6	10.00	10.00	0.00
8,150.0	84.54	259.50	7,787.4	-1,098.6	-226.8	389.1	10.00	10.00	0.00
8,204.6	90.00	259.50	7,790.0	-1,108.5	-280.3	443.5	10.00	10.00	0.00
Start DLS 2.00 TFO 90.00									
8,300.0	90.00	261.41	7,790.0	-1,124.3	-374.4	538.9	2.00	0.00	2.00
8,400.0	90.00	263.41	7,790.0	-1,137.5	-473.6	638.9	2.00	0.00	2.00
8,500.0	90.00	265.41	7,790.0	-1,147.3	-573.1	738.8	2.00	0.00	2.00
8,600.0	90.00	267.41	7,790.0	-1,153.6	-672.9	838.4	2.00	0.00	2.00
8,610.4	90.00	267.62	7,790.0	-1,154.0	-683.2	848.7	2.00	0.00	2.00
Start 9544.0 hold at 8610.4 MD									
8,700.0	90.00	267.62	7,790.0	-1,157.7	-772.8	937.8	0.00	0.00	0.00
8,800.0	90.00	267.62	7,790.0	-1,161.9	-872.7	1,037.2	0.00	0.00	0.00
8,900.0	90.00	267.62	7,790.0	-1,166.1	-972.6	1,136.6	0.00	0.00	0.00
9,000.0	90.00	267.62	7,790.0	-1,170.2	-1,072.5	1,236.0	0.00	0.00	0.00
9,100.0	90.00	267.62	7,790.0	-1,174.4	-1,172.5	1,335.4	0.00	0.00	0.00
9,200.0	90.00	267.62	7,790.0	-1,178.5	-1,272.4	1,434.8	0.00	0.00	0.00
9,300.0	90.00	267.62	7,790.0	-1,182.7	-1,372.3	1,534.2	0.00	0.00	0.00
9,400.0	90.00	267.62	7,790.0	-1,186.9	-1,472.2	1,633.6	0.00	0.00	0.00
9,500.0	90.00	267.62	7,790.0	-1,191.0	-1,572.1	1,733.0	0.00	0.00	0.00
9,600.0	90.00	267.62	7,790.0	-1,195.2	-1,672.0	1,832.4	0.00	0.00	0.00
9,700.0	90.00	267.62	7,790.0	-1,199.3	-1,771.9	1,931.8	0.00	0.00	0.00
9,800.0	90.00	267.62	7,790.0	-1,203.5	-1,871.8	2,031.2	0.00	0.00	0.00
9,900.0	90.00	267.62	7,790.0	-1,207.6	-1,971.8	2,130.7	0.00	0.00	0.00
10,000.0	90.00	267.62	7,790.0	-1,211.8	-2,071.7	2,230.1	0.00	0.00	0.00
10,100.0	90.00	267.62	7,790.0	-1,216.0	-2,171.6	2,329.5	0.00	0.00	0.00
10,200.0	90.00	267.62	7,790.0	-1,220.1	-2,271.5	2,428.9	0.00	0.00	0.00
10,300.0	90.00	267.62	7,790.0	-1,224.3	-2,371.4	2,528.3	0.00	0.00	0.00
10,400.0	90.00	267.62	7,790.0	-1,228.4	-2,471.3	2,627.7	0.00	0.00	0.00
10,500.0	90.00	267.62	7,790.0	-1,232.6	-2,571.2	2,727.1	0.00	0.00	0.00
10,600.0	90.00	267.62	7,790.0	-1,236.8	-2,671.2	2,826.5	0.00	0.00	0.00
10,700.0	90.00	267.62	7,790.0	-1,240.9	-2,771.1	2,925.9	0.00	0.00	0.00
10,800.0	90.00	267.62	7,790.0	-1,245.1	-2,871.0	3,025.3	0.00	0.00	0.00
10,900.0	90.00	267.62	7,790.0	-1,249.2	-2,970.9	3,124.7	0.00	0.00	0.00
11,000.0	90.00	267.62	7,790.0	-1,253.4	-3,070.8	3,224.1	0.00	0.00	0.00
11,100.0	90.00	267.62	7,790.0	-1,257.6	-3,170.7	3,323.5	0.00	0.00	0.00
11,200.0	90.00	267.62	7,790.0	-1,261.7	-3,270.6	3,422.9	0.00	0.00	0.00
11,300.0	90.00	267.62	7,790.0	-1,265.9	-3,370.5	3,522.3	0.00	0.00	0.00
11,400.0	90.00	267.62	7,790.0	-1,270.0	-3,470.5	3,621.7	0.00	0.00	0.00
11,500.0	90.00	267.62	7,790.0	-1,274.2	-3,570.4	3,721.2	0.00	0.00	0.00
11,600.0	90.00	267.62	7,790.0	-1,278.4	-3,670.3	3,820.6	0.00	0.00	0.00
11,700.0	90.00	267.62	7,790.0	-1,282.5	-3,770.2	3,920.0	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #124H
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 #124H	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)	
11,800.0	90.00	267.62	7,790.0	-1,286.7	-3,870.1	4,019.4	0.00	0.00	0.00	0.00
11,900.0	90.00	267.62	7,790.0	-1,290.8	-3,970.0	4,118.8	0.00	0.00	0.00	0.00
12,000.0	90.00	267.62	7,790.0	-1,295.0	-4,069.9	4,218.2	0.00	0.00	0.00	0.00
12,100.0	90.00	267.62	7,790.0	-1,299.2	-4,169.9	4,317.6	0.00	0.00	0.00	0.00
12,200.0	90.00	267.62	7,790.0	-1,303.3	-4,269.8	4,417.0	0.00	0.00	0.00	0.00
12,300.0	90.00	267.62	7,790.0	-1,307.5	-4,369.7	4,516.4	0.00	0.00	0.00	0.00
12,400.0	90.00	267.62	7,790.0	-1,311.6	-4,469.6	4,615.8	0.00	0.00	0.00	0.00
12,500.0	90.00	267.62	7,790.0	-1,315.8	-4,569.5	4,715.2	0.00	0.00	0.00	0.00
12,600.0	90.00	267.62	7,790.0	-1,320.0	-4,669.4	4,814.6	0.00	0.00	0.00	0.00
12,700.0	90.00	267.62	7,790.0	-1,324.1	-4,769.3	4,914.0	0.00	0.00	0.00	0.00
12,800.0	90.00	267.62	7,790.0	-1,328.3	-4,869.2	5,013.4	0.00	0.00	0.00	0.00
12,900.0	90.00	267.62	7,790.0	-1,332.4	-4,969.2	5,112.8	0.00	0.00	0.00	0.00
13,000.0	90.00	267.62	7,790.0	-1,336.6	-5,069.1	5,212.2	0.00	0.00	0.00	0.00
13,100.0	90.00	267.62	7,790.0	-1,340.8	-5,169.0	5,311.7	0.00	0.00	0.00	0.00
13,200.0	90.00	267.62	7,790.0	-1,344.9	-5,268.9	5,411.1	0.00	0.00	0.00	0.00
13,300.0	90.00	267.62	7,790.0	-1,349.1	-5,368.8	5,510.5	0.00	0.00	0.00	0.00
13,400.0	90.00	267.62	7,790.0	-1,353.2	-5,468.7	5,609.9	0.00	0.00	0.00	0.00
13,500.0	90.00	267.62	7,790.0	-1,357.4	-5,568.6	5,709.3	0.00	0.00	0.00	0.00
13,600.0	90.00	267.62	7,790.0	-1,361.6	-5,668.6	5,808.7	0.00	0.00	0.00	0.00
13,700.0	90.00	267.62	7,790.0	-1,365.7	-5,768.5	5,908.1	0.00	0.00	0.00	0.00
13,800.0	90.00	267.62	7,790.0	-1,369.9	-5,868.4	6,007.5	0.00	0.00	0.00	0.00
13,900.0	90.00	267.62	7,790.0	-1,374.0	-5,968.3	6,106.9	0.00	0.00	0.00	0.00
14,000.0	90.00	267.62	7,790.0	-1,378.2	-6,068.2	6,206.3	0.00	0.00	0.00	0.00
14,100.0	90.00	267.62	7,790.0	-1,382.3	-6,168.1	6,305.7	0.00	0.00	0.00	0.00
14,200.0	90.00	267.62	7,790.0	-1,386.5	-6,268.0	6,405.1	0.00	0.00	0.00	0.00
14,300.0	90.00	267.62	7,790.0	-1,390.7	-6,368.0	6,504.5	0.00	0.00	0.00	0.00
14,400.0	90.00	267.62	7,790.0	-1,394.8	-6,467.9	6,603.9	0.00	0.00	0.00	0.00
14,500.0	90.00	267.62	7,790.0	-1,399.0	-6,567.8	6,703.3	0.00	0.00	0.00	0.00
14,600.0	90.00	267.62	7,790.0	-1,403.1	-6,667.7	6,802.7	0.00	0.00	0.00	0.00
14,700.0	90.00	267.62	7,790.0	-1,407.3	-6,767.6	6,902.2	0.00	0.00	0.00	0.00
14,800.0	90.00	267.62	7,790.0	-1,411.5	-6,867.5	7,001.6	0.00	0.00	0.00	0.00
14,900.0	90.00	267.62	7,790.0	-1,415.6	-6,967.4	7,101.0	0.00	0.00	0.00	0.00
15,000.0	90.00	267.62	7,790.0	-1,419.8	-7,067.3	7,200.4	0.00	0.00	0.00	0.00
15,100.0	90.00	267.62	7,790.0	-1,423.9	-7,167.3	7,299.8	0.00	0.00	0.00	0.00
15,200.0	90.00	267.62	7,790.0	-1,428.1	-7,267.2	7,399.2	0.00	0.00	0.00	0.00
15,300.0	90.00	267.62	7,790.0	-1,432.3	-7,367.1	7,498.6	0.00	0.00	0.00	0.00
15,400.0	90.00	267.62	7,790.0	-1,436.4	-7,467.0	7,598.0	0.00	0.00	0.00	0.00
15,500.0	90.00	267.62	7,790.0	-1,440.6	-7,566.9	7,697.4	0.00	0.00	0.00	0.00
15,600.0	90.00	267.62	7,790.0	-1,444.7	-7,666.8	7,796.8	0.00	0.00	0.00	0.00
15,700.0	90.00	267.62	7,790.0	-1,448.9	-7,766.7	7,896.2	0.00	0.00	0.00	0.00
15,800.0	90.00	267.62	7,790.0	-1,453.1	-7,866.7	7,995.6	0.00	0.00	0.00	0.00
15,900.0	90.00	267.62	7,790.0	-1,457.2	-7,966.6	8,095.0	0.00	0.00	0.00	0.00
16,000.0	90.00	267.62	7,790.0	-1,461.4	-8,066.5	8,194.4	0.00	0.00	0.00	0.00
16,100.0	90.00	267.62	7,790.0	-1,465.5	-8,166.4	8,293.8	0.00	0.00	0.00	0.00
16,200.0	90.00	267.62	7,790.0	-1,469.7	-8,266.3	8,393.2	0.00	0.00	0.00	0.00
16,300.0	90.00	267.62	7,790.0	-1,473.9	-8,366.2	8,492.7	0.00	0.00	0.00	0.00
16,400.0	90.00	267.62	7,790.0	-1,478.0	-8,466.1	8,592.1	0.00	0.00	0.00	0.00
16,500.0	90.00	267.62	7,790.0	-1,482.2	-8,566.0	8,691.5	0.00	0.00	0.00	0.00
16,600.0	90.00	267.62	7,790.0	-1,486.3	-8,666.0	8,790.9	0.00	0.00	0.00	0.00
16,700.0	90.00	267.62	7,790.0	-1,490.5	-8,765.9	8,890.3	0.00	0.00	0.00	0.00
16,800.0	90.00	267.62	7,790.0	-1,494.7	-8,865.8	8,989.7	0.00	0.00	0.00	0.00
16,900.0	90.00	267.62	7,790.0	-1,498.8	-8,965.7	9,089.1	0.00	0.00	0.00	0.00
17,000.0	90.00	267.62	7,790.0	-1,503.0	-9,065.6	9,188.5	0.00	0.00	0.00	0.00
17,100.0	90.00	267.62	7,790.0	-1,507.1	-9,165.5	9,287.9	0.00	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well David Edelstein State Com #124H
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 #124H	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)	
17,200.0	90.00	267.62	7,790.0	-1,511.3	-9,265.4	9,387.3	0.00	0.00	0.00	
17,300.0	90.00	267.62	7,790.0	-1,515.5	-9,365.4	9,486.7	0.00	0.00	0.00	
17,400.0	90.00	267.62	7,790.0	-1,519.6	-9,465.3	9,586.1	0.00	0.00	0.00	
17,500.0	90.00	267.62	7,790.0	-1,523.8	-9,565.2	9,685.5	0.00	0.00	0.00	
17,600.0	90.00	267.62	7,790.0	-1,527.9	-9,665.1	9,784.9	0.00	0.00	0.00	
17,700.0	90.00	267.62	7,790.0	-1,532.1	-9,765.0	9,884.3	0.00	0.00	0.00	
17,800.0	90.00	267.62	7,790.0	-1,536.3	-9,864.9	9,983.8	0.00	0.00	0.00	
17,900.0	90.00	267.62	7,790.0	-1,540.4	-9,964.8	10,083.2	0.00	0.00	0.00	
18,000.0	90.00	267.62	7,790.0	-1,544.6	-10,064.7	10,182.6	0.00	0.00	0.00	
18,100.0	90.00	267.62	7,790.0	-1,548.7	-10,164.7	10,282.0	0.00	0.00	0.00	
18,154.3	90.00	267.62	7,790.0	-1,551.0	-10,218.9	10,336.0	0.00	0.00	0.00	
TD at 18154.3 - BHL - David Edelstein #124H										

Design Targets										
Target Name	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	0.00	7,217.0	-1,004.1	283.0	446,546.00	561,278.00	32° 13' 39.060 N	104° 8' 6.606 W	
FTP - David Edelstein #: - plan misses target center by 331.4usft at 7807.5usft MD (7657.8 TVD, -1041.8 N, 79.5 E) - Point	0.00	0.00	7,790.0	-1,304.1	233.0	446,246.00	561,228.00	32° 13' 36.092 N	104° 8' 7.194 W	
BHL - David Edelstein #: - plan hits target center - Point	0.00	0.00	7,790.0	-1,551.0	-10,218.9	445,999.00	550,776.00	32° 13' 33.822 N	104° 10' 8.879 W	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
760.1	760.0	Castile		0.00	267.62	
2,456.4	2,436.6	G30:CS14-CSB		0.00	267.62	
2,465.0	2,445.1	G26: Bell Cyn.		0.00	267.62	
3,287.7	3,255.1	G13: Cherry Cyn.		0.00	267.62	
4,371.9	4,322.6	G7: Brushy Cyn.		0.00	267.62	
5,987.2	5,913.0	G4: BSGL (CS9)		0.00	267.62	
6,682.1	6,597.3	L5.3: FBSC		0.00	267.62	
6,992.0	6,904.8	L5.1: FBSC		0.00	267.62	
6,993.5	6,906.3	L5.1: FBSC		0.00	267.62	
7,265.5	7,178.0	L4.3: SBSC		0.00	267.62	
7,740.4	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 #124H
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 #124H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
500.0	500.0	0.0	0.0	Start Build 1.00
1,506.8	1,501.6	-84.9	23.9	Start 5126.6 hold at 1506.8 MD
6,633.4	6,549.3	-947.5	267.1	Start Drop -1.50
7,304.6	7,217.0	-1,004.1	283.0	Start Build 10.00
8,204.6	7,790.0	-1,108.5	-280.3	Start DLS 2.00 TFO 90.00
8,610.4	7,790.0	-1,154.0	-683.2	Start 9544.0 hold at 8610.4 MD
18,154.3	7,790.0	-1,551.0	-10,218.9	TD at 18154.3

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF MATADOR PRODUCTION
COMPANY FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.

Case No. 22988

SELF-AFFIRMED STATEMENT OF NOTICE

COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Matador Production Company.
3. Matador Production Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. The names of the interest owners were provided to its attorneys Holland and Holland LLP, who sent the notice letter. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return spreadsheet are attached hereto as Exhibit F-1.
5. Applicant has complied with the notice provisions of Division Rules.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 11/14/23

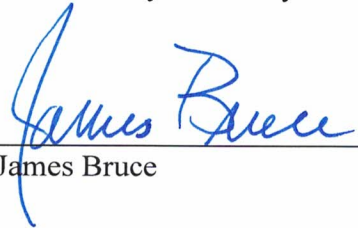

James Bruce

EXHIBIT F



Paula M. Vance
Associate
Phone (505) 988-4421
Email pmvance@hollandhart.com

August 12, 2022

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling, Eddy County, New Mexico: David Edelstein State Com #114H well and David Edelstein State Com #124H well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on September 1, 2022, and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Sara Hartsfield at (972) 371-5446 or shartsfield@matadorresources.com.

Sincerely,

Paula M. Vance
ATTORNEY FOR MATADOR PRODUCTION
COMPANY

EXHIBIT

F-1

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

MRC - David Edelstein
Case Nos. 22987-22988 Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
9414811898765873925614	Brian L. McGonagill & Shirley C. McGonagill, husband and wife	1612 Westridge Rd	Carlsbad	NM	88220-4077	Your item was picked up at the post office at 9:57 am on August 16, 2022 in CARLSBAD, NM 88220.
9414811898765873925119	John D. Stribling	520 Ranchitos Rd NW	Los Ranchos	NM	87114-1128	Your item was delivered at 7:30 am on August 16, 2022 in ALBUQUERQUE, NM 87184.
9414811898765873925126	John E. Hall, III	PO Box 230045	New York	NY	10023-0001	Your item was picked up at the post office at 10:44 am on August 19, 2022 in NEW YORK, NY 10023.
9414811898765873925195	Kathy Gregory	608 Lakeside Dr	Carlsbad	NM	88220-5207	Your item was delivered at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.
9414811898765873925188	Law Firm of Klipstine & Hanratty	917 E Green Acres Dr	Hobbs	NM	88240-4531	Your item has been delivered to the original sender at 9:44 am on September 15, 2022 in SANTA FE, NM 87501.
9414811898765873925133	Louis M. Ratliff Jr.	8 Firwood Ct	The Hills	TX	78738-1515	Your item was delivered to an individual at the address at 11:45 am on August 17, 2022 in AUSTIN, TX 78738.
9414811898765873925171	Margaret M. Stribling	1933 San Mateo Blvd NE	Albuquerque	NM	87110-5146	Your item was delivered at 7:38 am on August 15, 2022 in ALBUQUERQUE, NM 87110.
9414811898765873925317	Marilyn Gaye Bitsis	1102 Briarbrook Dr	Houston	TX	77042-2010	Your item was delivered to an individual at the address at 2:36 pm on August 17, 2022 in HOUSTON, TX 77042.
9414811898765873925355	Martha Joy Stribling	918 Parkland Cir SE	Albuquerque	NM	87108-4325	Your item was delivered to an individual at the address at 2:05 pm on August 15, 2022 in ALBUQUERQUE, NM 87108.
9414811898765873925362	Mary Camille Hall	3812 Tailfeather Dr	Round Rock	TX	78681-1041	Your item was delivered to an individual at the address at 10:29 am on August 17, 2022 in ROUND ROCK, TX 78681.
9414811898765873925300	Mary White	PO Box 1525	Artesia	NM	88211-1525	Your item was picked up at the post office at 4:00 pm on August 15, 2022 in ARTESIA, NM 88210.
9414811898765873925669	Chasity Garza	PO Box 71	Brownfield	TX	79316-0071	Your item has been delivered to the original sender at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.
9414811898765873925393	Nevill Manning	7010 Ironton Ave Apt 511	Lubbock	TX	79424-5817	Your item was refused by the addressee at 9:50 am on September 1, 2022 in SANTA FE, NM 87501 and is being returned to the sender.
9414811898765873925348	Nevill Manning	2112 Indiana Ave	Lubbock	TX	79410-1444	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765873925386	Nolan Creek	7010 Ironton Ave Apt 511	Lubbock	TX	79424-5817	Your item was refused by the addressee at 9:50 am on September 1, 2022 in SANTA FE, NM 87501 and is being returned to the sender.
9414811898765873925331	Panagopoulos Enterprises, LLC	511 W Reinken Ave	Belen	NM	87002-3640	Your item was delivered to the front desk, reception area, or mail room at 10:53 am on August 15, 2022 in BELEN, NM 87002.
9414811898765873925010	Patricia Ann Long	7010 Ironton Ave Apt 511	Lubbock	TX	79424-5817	Your item was refused by the addressee at 9:50 am on September 1, 2022 in SANTA FE, NM 87501 and is being returned to the sender.
9414811898765873925058	Patricia Ann Long	418 W Coal Ave	Hobbs	NM	88240-1814	Your item has been delivered to the original sender at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.

MRC - David Edelstein
Case Nos. 22987-22988 Postal Delivery Report

9414811898765873925065	Patricia Gae Stamps	PO Box 249	Panhandle	TX	79068-0249	Your item was picked up at the post office at 3:33 pm on August 15, 2022 in PANHANDLE, TX 79068.
9414811898765873925027	Peter A. Panagopoulos	209 W McKay St	Carlsbad	NM	88220-5835	Your item has been delivered to the original sender at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.
9414811898765873925003	Peter A. Panagopoulos, Andreas P. Panagopoulos Pavlos P Panagopoulos Panagiota P Panagopoulos Magdalene P. Panagopoulos d/b/a Panagopoulos E	511 W Reinken Ave	Belen	NM	87002-3640	Your item was delivered to the front desk, reception area, or mail room at 10:53 am on August 15, 2022 in BELEN, NM 87002.
9414811898765873925096	Sue Osborn Powell	899 Hedgewood Dr	Georgetown	TX	78628-2411	Your item was delivered to the front desk, reception area, or mail room at 1:00 pm on August 17, 2022 in GEORGETOWN, TX 78628.
9414811898765873925621	Childs & Bishop Law Offices, Inc.	310 N Lincoln Ave	Odessa	TX	79761-5013	Your item has been delivered to the original sender at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.
9414811898765873925089	William E. Gregory	7010 Ironton Ave Apt 511	Lubbock	TX	79424-5817	Your item was refused by the addressee at 9:50 am on September 1, 2022 in SANTA FE, NM 87501 and is being returned to the sender.
9414811898765873925034	William E. Gregory	11910 Central Ave SE Ste B	Albuquerque	NM	87123-3001	Your item has been delivered to the original sender at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.
9414811898765873925607	Clarence W. Ervin	4016 Jones St	Carlsbad	NM	88220-2700	Your item was returned to the sender on September 21, 2022 at 9:47 am in SANTA FE, NM 87501 because the addressee moved and left no forwarding address.
9414811898765873925690	Daniel Taschner & Arin Bratcher, husband and wife	2 Meadowlark Ct	Artesia	NM	88210-9279	Your item was delivered at 9:28 am on August 25, 2022 in SANTA FE, NM 87504.
9414811898765873925645	Estate of Virginia Lee Davis	1900 Woodgate Dr Unit 408	Woodway	TX	76712-7404	Your item was picked up at the post office at 3:44 pm on August 30, 2022 in WACO, TX 76702.
9414811898765873925683	Irma J. Gregory	PO Box 1525	Artesia	NM	88211-1525	Your item was picked up at the post office at 4:00 pm on August 15, 2022 in ARTESIA, NM 88210.
9414811898765873925638	JoAnn McNeill	PO Box 21116	Billings	MT	59104-1116	Your item was picked up at the post office at 4:16 pm on August 17, 2022 in BILLINGS, MT 59102.
9414811898765873925676	Joe H. Beeman	7010 Ironton Ave Apt 511	Lubbock	TX	79424-5817	Your item was refused by the addressee at 9:50 am on September 1, 2022 in SANTA FE, NM 87501 and is being returned to the sender.

Carlsbad Current Argus.

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Holland & Hart LLP.

Affidavit of Publication

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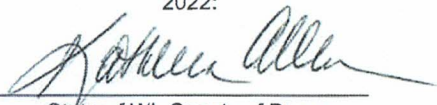
SANTA FE, NM 87504

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

08/16/2022


Legal Clerk

Subscribed and sworn before me this August 16, 2022:


State of WI, County of Brown
NOTARY PUBLIC
6-7-25

My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0005371409
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of Affidavits 1

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EXHIBIT 

STATE OF NEW MEXICO
ENERGY, MINERALS AND
NATURAL RESOURCES DE-
PARTMENT OIL CONSERVA-
TION DIVISION SANTA FE,
NEW MEXICO

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The hearing will be conducted on Thursday, September 1, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at <https://www.emnrd.nm.gov/ocd/hearing-info/> or obtained from Marlene Salvidrez, at Marlene.Salvidrez@state.nm.us. Documents filed in the case may be viewed at <https://ocdimage.emnrd.nm.gov/Imaging/Default.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene.Salvidrez@state.nm.us, or the New Mexico Relay Network at 1-800-659-1779, no later than August 21, 2022. Persons may view and participate in the hearings through the following link:
<https://nmemnrd.webex.com/nmemnrd/onstage/g.php?MTID=e33e7a9875dc6012993c28c9b1d18f5d1>

Event number:
2484 846 1646
Event password:
2H5AkjpcP7

Join by video: 24848461646@nmemnrd.webex.com
You can also dial 173.243.2.68 and enter your meeting number
Numeric Password: 791411

Join by audio: 1-844-992-4726 United States Toll Free
Access code: 2484 846 1646

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All interest owners subject to pooling proceedings, including: ConocoPhillips Company; Brian L. McGonagill & Shirley C. McGonagill, husband and wife, their heirs and devi-

sees, Christy Garza, her heirs and devisees; Childs & Bishop Law Offices, Inc.; Clarence W. Ervin, his heirs and devisees; Daniel Taschner & Arin Bratcher, husband and wife, their heirs and devisees; Estate of Virginia Lee Davis, her heirs and devisees; Irma J. Gregory, her heirs and devisees; JoAnn McNeill, her heirs and devisees; Joe H. Beeman, his heirs and devisees; John D. Stribling, his heirs and devisees; John E. Hall, III, his heirs and devisees; Kathy Gregory, her heirs and devisees; Law Firm of Klipstine & Hanratty; Louis M. Ratliff Jr., his heirs and devisees; Margaret M. Stribling, her heirs and devisees; Marilyn Gaye Bitsis, her heirs and devisees; Martha Joy Stribling, her heirs and devisees; Mary Camille Hall, her heirs and devisees; Mary White, her heirs and devisees; Nevill Manning, his heirs and devisees; Nolan Creek, his heirs and devisees; Panagopoulos Enterprises, LLC; Patricia Ann Long, her heirs and devisees; Patricia Gae Stamps, her heirs and devisees; Peter A. Panagopoulos, his heirs and devisees; Peter A. Panagopoulos, Andreas P. Panagopoulos, Pavlos P. Panagopoulos, Panagiota P. Panagopoulos, Magdalene P. Panagopoulos d/b/a Panagopoulos Enterprises; Sue Osborn Powell, her heirs and devisees; and William E. Gregory, his heirs and devisees.

Case No. 22988:
Application of Matador Production Company for compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the 5/2 5/2 of Sections 11 and 12, Township 24 South, Range 27 East, NMPM, Eddy County, New Mexico. Said unit will be initially dedicated to the proposed David Edelstein State Com #114H well and David Edelstein State Com #124H well, to be horizontally drilled from a surface location in the SE/4 SE/4 (Unit P) of Section 12 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 11. Also, to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling the wells. Said area is located approximately 8 miles southeast of Carlsbad, New Mexico.
#5371409, Current Argus, August 16, 2022