

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

Form C-101
August 1, 2011

Permit 360172

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240		2. OGRID Number 228937
		3. API Number 30-015-54803
4. Property Code 314750	5. Property Name JANIE CONNER 13 24S 28E RB	6. Well No. 120H

7. Surface Location

UL - Lot H	Section 14	Township 24S	Range 28E	Lot Idn	Feet From 1368	N/S Line N	Feet From 673	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot E	Section 13	Township 24S	Range 28E	Lot Idn E	Feet From 1650	N/S Line N	Feet From 110	E/W Line W	County Eddy
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9. Pool Information

PIERCE CROSSING;BONE SPRING	50371
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2970
16. Multiple N	17. Proposed Depth 19633	18. Formation Bone Spring	19. Contractor	20. Spud Date 4/1/2024
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	410	390	0
Int1	9.875	7.625	29.7	7697	1005	0
Prod	6.75	5.5	20	19633	1400	7497

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3000	Cameron
Double Ram	10000	5000	Cameron
Pipe	10000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature:

Printed Name: Electronically filed by Brett A Jennings

Title: Regulatory Analyst

Email Address: brett.jennings@matadorresources.com

Date: 2/20/2024

Phone: 972-629-2160

OIL CONSERVATION DIVISION

Approved By: Ward Rikala

Title:

Approved Date: 3/1/2024

Expiration Date: 3/1/2026

Conditions of Approval Attached

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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-54803	² Pool Code S0371	³ Pool Name Pierce Crossing; Bone Spring
⁴ Property Code 314750	⁵ Property Name JANIE CONNER 13-24S-28E RB	⁶ Well Number 120H
⁷ OGRID No. 2a8937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 2970'

¹⁰Surface Location

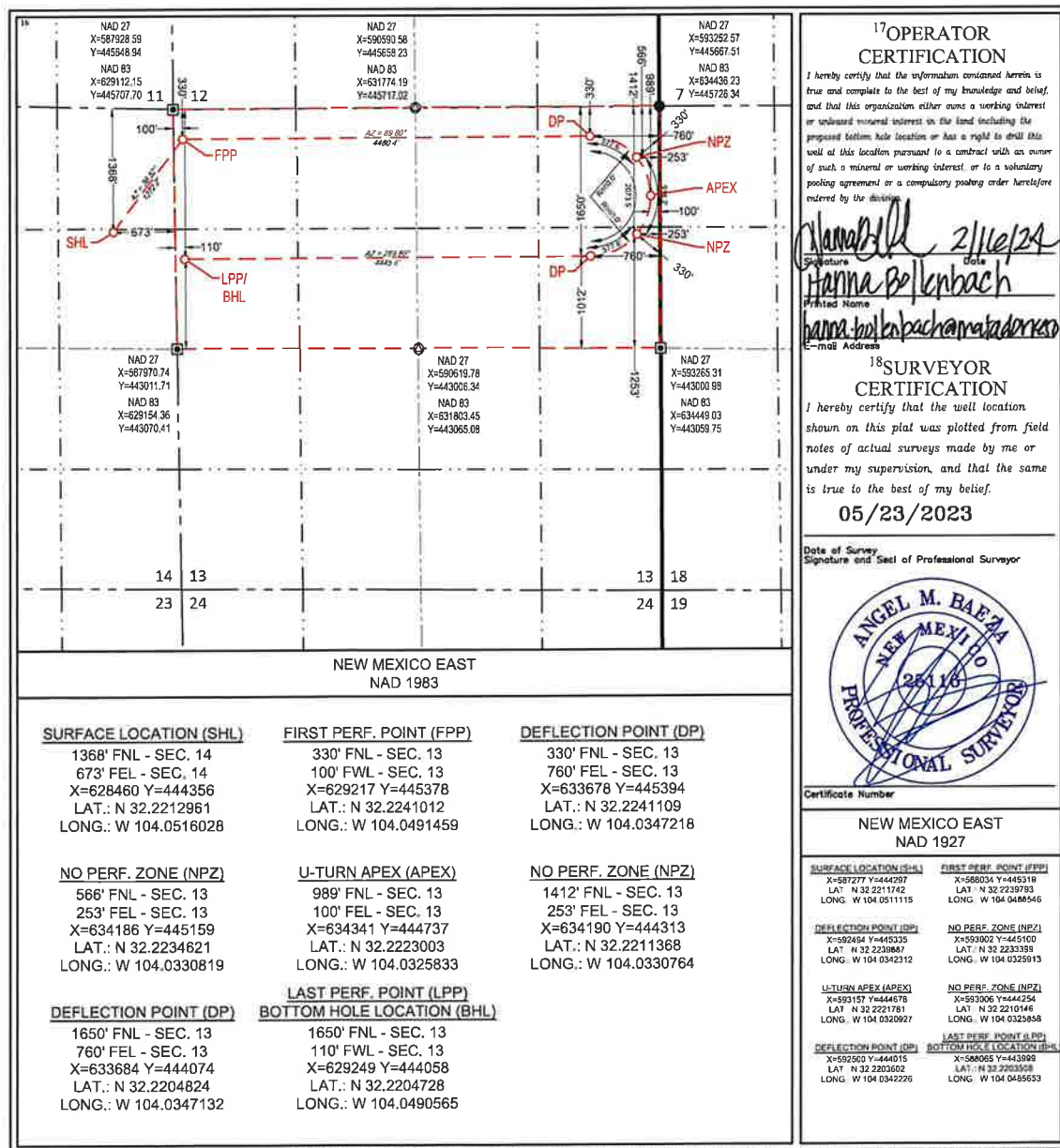
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	14	24-S	28-E	-	1368'	NORTH	673'	EAST	EDDY

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	13	24-S	28-E	-	1650'	NORTH	110'	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

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



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

Form APD Conditions
Permit 360172

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-015-54803
	Well: JANIE CONNER 13 24S 28E RB #120H

OCD Reviewer	Condition
ward.rikala	Notify OCD 24 hours prior to casing & cement
ward.rikala	Will require a File As Drilled C-102 and a Directional Survey with the C-104
ward.rikala	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing
ward.rikala	If cement does not circulate on any string, a CBL is required for that string of casing
ward.rikala	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system
ward.rikala	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud

Well Name: Janie Conner State Com #120H										
STRING	FLUID TYPE	HOLE SZ	CSG SZ	CSG GRADE	CSG WT	DEPTH SET	TOP CSG	TTL SX CEMENT	EST TOC	ADDITIONAL INFO FOR CSG/CMT PROGRAM (Optional)
SURF	FRESH WTR	17.5	13.375	J-55	54.50	410	0	390	0	Option to drill surface hole with surface setting rig
INT 1	Diesel Brine Emulsion	9.875	7.625	P-110	29.70	7697	0	1005	0	Option to run DV tool and Packer.
PROD	OBM	6.75	5.5	P-110	20.00	19633	0	1400	7497	

Matador Production Company

Rustler Breaks

Janie Conner

Janie Conner #120H

Wellbore #1

Plan: Prelim Plan #1

Standard Planning Report

05 January, 2024

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well Janie Conner #120H
Company:	Matador Production Company	TVD Reference:	KB @ 2998.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim 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	Janie Conner					
Site Position:		Northing:	443,800.00 usft	Latitude:	32° 13' 11.301 N	
From:	Map	Easting:	587,602.00 usft	Longitude:	104° 3' 0.231 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.15 °

Well	Janie Conner #120H					
Well Position	+N/-S	496.9 usft	Northing:	444,296.90 usft	Latitude:	32° 13' 16.227 N
	+E/-W	-325.3 usft	Easting:	587,276.77 usft	Longitude:	104° 3' 4.001 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	2,970.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/20/2023	6.47	59.90	47,222.38974479

Design	Prelim 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	89.80

Plan Survey Tool Program		Date	1/5/2024		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	19,633.2	Prelim Plan #1 (Wellbore #1)	MWD	
			OWSG MWD - Standard		

Planning Report

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Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim Plan #1		

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	
1,542.8	8.14	12.17	1,541.0	37.6	8.1	1.50	1.50	2.24	12.17	
7,797.6	8.14	12.17	7,732.7	903.5	194.8	0.00	0.00	0.00	0.00	0.00 KOP - Janie Conner #
8,663.9	88.97	85.38	8,277.2	1,021.8	749.4	10.00	9.33	8.45	73.51	FTP - Janie Conner #
8,685.5	88.91	89.80	8,277.6	1,022.8	770.9	20.50	-0.27	20.50	90.78	
13,132.8	88.91	89.80	8,362.0	1,038.0	5,217.4	0.00	0.00	0.00	0.00	DP1 - Janie Conner #
14,084.2	89.91	173.40	8,374.0	460.8	5,867.2	8.79	0.10	8.79	89.97	
14,100.1	89.91	173.40	8,374.0	445.0	5,869.1	0.00	0.00	0.00	0.00	
15,197.1	91.03	269.80	8,362.0	-282.0	5,223.7	8.79	0.10	8.79	88.97	DP2 - Janie Conner #
19,633.4	91.03	269.80	8,282.3	-297.5	788.3	0.00	0.00	0.00	0.00	BHL - Janie Conner #

Planning Report

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Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim 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
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 DLS 1.50 TFO 12.17									
1,100.0	1.50	12.17	1,100.0	1.3	0.3	0.3	1.50	1.50	0.00
1,200.0	3.00	12.17	1,199.9	5.1	1.1	1.1	1.50	1.50	0.00
1,300.0	4.50	12.17	1,299.7	11.5	2.5	2.5	1.50	1.50	0.00
1,400.0	6.00	12.17	1,399.3	20.5	4.4	4.5	1.50	1.50	0.00
1,500.0	7.50	12.17	1,498.6	31.9	6.9	7.0	1.50	1.50	0.00
1,542.8	8.14	12.17	1,541.0	37.6	8.1	8.2	1.50	1.50	0.00
Start 6254.8 hold at 1542.8 MD									
1,600.0	8.14	12.17	1,597.6	45.6	9.8	10.0	0.00	0.00	0.00
1,700.0	8.14	12.17	1,696.6	59.4	12.8	13.0	0.00	0.00	0.00
1,800.0	8.14	12.17	1,795.6	73.2	15.8	16.1	0.00	0.00	0.00
1,900.0	8.14	12.17	1,894.6	87.1	18.8	19.1	0.00	0.00	0.00
2,000.0	8.14	12.17	1,993.6	100.9	21.8	22.1	0.00	0.00	0.00
2,100.0	8.14	12.17	2,092.6	114.8	24.8	25.2	0.00	0.00	0.00
2,200.0	8.14	12.17	2,191.6	128.6	27.7	28.2	0.00	0.00	0.00
2,300.0	8.14	12.17	2,290.5	142.5	30.7	31.2	0.00	0.00	0.00
2,400.0	8.14	12.17	2,389.5	156.3	33.7	34.3	0.00	0.00	0.00
2,500.0	8.14	12.17	2,488.5	170.2	36.7	37.3	0.00	0.00	0.00
2,600.0	8.14	12.17	2,587.5	184.0	39.7	40.3	0.00	0.00	0.00
2,700.0	8.14	12.17	2,686.5	197.8	42.7	43.4	0.00	0.00	0.00
2,800.0	8.14	12.17	2,785.5	211.7	45.6	46.4	0.00	0.00	0.00
2,900.0	8.14	12.17	2,884.5	225.5	48.6	49.4	0.00	0.00	0.00
3,000.0	8.14	12.17	2,983.5	239.4	51.6	52.5	0.00	0.00	0.00
3,100.0	8.14	12.17	3,082.5	253.2	54.6	55.5	0.00	0.00	0.00
3,200.0	8.14	12.17	3,181.5	267.1	57.6	58.5	0.00	0.00	0.00
3,300.0	8.14	12.17	3,280.5	280.9	60.6	61.6	0.00	0.00	0.00
3,400.0	8.14	12.17	3,379.5	294.7	63.6	64.6	0.00	0.00	0.00
3,500.0	8.14	12.17	3,478.4	308.6	66.5	67.6	0.00	0.00	0.00
3,600.0	8.14	12.17	3,577.4	322.4	69.5	70.7	0.00	0.00	0.00
3,700.0	8.14	12.17	3,676.4	336.3	72.5	73.7	0.00	0.00	0.00
3,800.0	8.14	12.17	3,775.4	350.1	75.5	76.7	0.00	0.00	0.00
3,900.0	8.14	12.17	3,874.4	364.0	78.5	79.8	0.00	0.00	0.00
4,000.0	8.14	12.17	3,973.4	377.8	81.5	82.8	0.00	0.00	0.00
4,100.0	8.14	12.17	4,072.4	391.7	84.5	85.8	0.00	0.00	0.00
4,200.0	8.14	12.17	4,171.4	405.5	87.4	88.9	0.00	0.00	0.00
4,300.0	8.14	12.17	4,270.4	419.3	90.4	91.9	0.00	0.00	0.00
4,400.0	8.14	12.17	4,369.4	433.2	93.4	94.9	0.00	0.00	0.00
4,500.0	8.14	12.17	4,468.4	447.0	96.4	98.0	0.00	0.00	0.00
4,600.0	8.14	12.17	4,567.4	460.9	99.4	101.0	0.00	0.00	0.00
4,700.0	8.14	12.17	4,666.4	474.7	102.4	104.0	0.00	0.00	0.00
4,800.0	8.14	12.17	4,765.3	488.6	105.4	107.1	0.00	0.00	0.00
4,900.0	8.14	12.17	4,864.3	502.4	108.3	110.1	0.00	0.00	0.00
5,000.0	8.14	12.17	4,963.3	516.2	111.3	113.1	0.00	0.00	0.00

Planning Report

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Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim 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)	
5,100.0	8.14	12.17	5,062.3	530.1	114.3	116.2	0.00	0.00	0.00	
5,200.0	8.14	12.17	5,161.3	543.9	117.3	119.2	0.00	0.00	0.00	
5,300.0	8.14	12.17	5,260.3	557.8	120.3	122.2	0.00	0.00	0.00	
5,400.0	8.14	12.17	5,359.3	571.6	123.3	125.3	0.00	0.00	0.00	
5,500.0	8.14	12.17	5,458.3	585.5	126.3	128.3	0.00	0.00	0.00	
5,600.0	8.14	12.17	5,557.3	599.3	129.2	131.3	0.00	0.00	0.00	
5,700.0	8.14	12.17	5,656.3	613.2	132.2	134.4	0.00	0.00	0.00	
5,800.0	8.14	12.17	5,755.3	627.0	135.2	137.4	0.00	0.00	0.00	
5,900.0	8.14	12.17	5,854.3	640.8	138.2	140.4	0.00	0.00	0.00	
6,000.0	8.14	12.17	5,953.3	654.7	141.2	143.5	0.00	0.00	0.00	
6,100.0	8.14	12.17	6,052.2	668.5	144.2	146.5	0.00	0.00	0.00	
6,200.0	8.14	12.17	6,151.2	682.4	147.2	149.5	0.00	0.00	0.00	
6,300.0	8.14	12.17	6,250.2	696.2	150.1	152.6	0.00	0.00	0.00	
6,400.0	8.14	12.17	6,349.2	710.1	153.1	155.6	0.00	0.00	0.00	
6,500.0	8.14	12.17	6,448.2	723.9	156.1	158.6	0.00	0.00	0.00	
6,600.0	8.14	12.17	6,547.2	737.7	159.1	161.7	0.00	0.00	0.00	
6,700.0	8.14	12.17	6,646.2	751.6	162.1	164.7	0.00	0.00	0.00	
6,800.0	8.14	12.17	6,745.2	765.4	165.1	167.7	0.00	0.00	0.00	
6,900.0	8.14	12.17	6,844.2	779.3	168.1	170.8	0.00	0.00	0.00	
7,000.0	8.14	12.17	6,943.2	793.1	171.0	173.8	0.00	0.00	0.00	
7,100.0	8.14	12.17	7,042.2	807.0	174.0	176.8	0.00	0.00	0.00	
7,200.0	8.14	12.17	7,141.2	820.8	177.0	179.9	0.00	0.00	0.00	
7,300.0	8.14	12.17	7,240.1	834.7	180.0	182.9	0.00	0.00	0.00	
7,400.0	8.14	12.17	7,339.1	848.5	183.0	185.9	0.00	0.00	0.00	
7,495.0	8.14	12.17	7,433.2	861.7	185.8	188.8	0.00	0.00	0.00	
1BS FTP - Janie Conner #120H										
7,500.0	8.14	12.17	7,438.1	862.3	186.0	189.0	0.00	0.00	0.00	
7,600.0	8.14	12.17	7,537.1	876.2	188.9	192.0	0.00	0.00	0.00	
7,700.0	8.14	12.17	7,636.1	890.0	191.9	195.0	0.00	0.00	0.00	
7,797.6	8.14	12.17	7,732.7	903.5	194.8	198.0	0.00	0.00	0.00	
Start DLS 10.00 TFO 73.51 - KOP - Janie Conner #120H										
7,800.0	8.21	13.81	7,735.1	903.9	194.9	198.1	10.00	2.97	67.12	
7,850.0	10.86	39.90	7,784.4	911.0	198.8	202.0	10.00	5.28	52.18	
7,900.0	14.76	54.18	7,833.2	918.3	207.0	210.2	10.00	7.81	28.55	
7,950.0	19.17	62.31	7,881.0	925.9	219.4	222.7	10.00	8.83	16.26	
8,000.0	23.81	67.43	7,927.5	933.6	236.0	239.3	10.00	9.28	10.24	
8,050.0	28.57	70.94	7,972.4	941.3	256.7	260.0	10.00	9.51	7.03	
8,100.0	33.39	73.52	8,015.2	949.1	281.2	284.5	10.00	9.64	5.15	
8,150.0	38.25	75.51	8,055.8	956.9	309.4	312.7	10.00	9.73	3.98	
8,200.0	43.14	77.11	8,093.7	964.6	341.0	344.4	10.00	9.78	3.20	
8,250.0	48.05	78.44	8,128.6	972.2	376.0	379.3	10.00	9.82	2.67	
8,300.0	52.97	79.59	8,160.4	979.5	413.8	417.2	10.00	9.84	2.28	
8,350.0	57.91	80.59	8,188.8	986.6	454.4	457.8	10.00	9.86	2.01	
8,400.0	62.84	81.49	8,213.5	993.3	497.3	500.8	10.00	9.88	1.80	
8,450.0	67.79	82.31	8,234.4	999.7	542.3	545.7	10.00	9.89	1.65	
8,500.0	72.74	83.08	8,251.2	1,005.7	588.9	592.4	10.00	9.90	1.53	
8,550.0	77.69	83.81	8,264.0	1,011.2	636.9	640.5	10.00	9.90	1.45	
8,600.0	82.64	84.51	8,272.5	1,016.2	685.9	689.5	10.00	9.90	1.40	
8,650.0	87.59	85.19	8,276.8	1,020.7	735.5	739.1	10.00	9.91	1.37	
8,663.9	88.97	85.38	8,277.2	1,021.8	749.4	753.0	10.00	9.91	1.36	
Start DLS 20.50 TFO 90.78										
8,671.8	88.95	86.99	8,277.4	1,022.4	757.2	760.8	20.50	-0.27	20.50	
FTP - Janie Conner #120H										

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well Janie Conner #120H
Company:	Matador Production Company	TVD Reference:	KB @ 2998.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim 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)
8,675.0	88.94	87.65	8,277.4	1,022.5	760.5	764.0	20.50	-0.27	20.50
8,685.5	88.91	89.80	8,277.6	1,022.8	770.9	774.5	20.50	-0.26	20.50
Start 4447.3 hold at 8685.5 MD									
8,700.0	88.91	89.80	8,277.9	1,022.8	785.5	789.0	0.00	0.00	0.00
8,800.0	88.91	89.80	8,279.8	1,023.1	885.4	889.0	0.00	0.00	0.00
8,900.0	88.91	89.80	8,281.7	1,023.5	985.4	989.0	0.00	0.00	0.00
9,000.0	88.91	89.80	8,283.6	1,023.8	1,085.4	1,089.0	0.00	0.00	0.00
9,100.0	88.91	89.80	8,285.5	1,024.2	1,185.4	1,188.9	0.00	0.00	0.00
9,200.0	88.91	89.80	8,287.4	1,024.5	1,285.4	1,288.9	0.00	0.00	0.00
9,300.0	88.91	89.80	8,289.3	1,024.9	1,385.3	1,388.9	0.00	0.00	0.00
9,400.0	88.91	89.80	8,291.2	1,025.2	1,485.3	1,488.9	0.00	0.00	0.00
9,500.0	88.91	89.80	8,293.1	1,025.5	1,585.3	1,588.9	0.00	0.00	0.00
9,600.0	88.91	89.80	8,295.0	1,025.9	1,685.3	1,688.9	0.00	0.00	0.00
9,700.0	88.91	89.80	8,296.9	1,026.2	1,785.3	1,788.8	0.00	0.00	0.00
9,800.0	88.91	89.80	8,298.8	1,026.6	1,885.2	1,888.8	0.00	0.00	0.00
9,900.0	88.91	89.80	8,300.7	1,026.9	1,985.2	1,988.8	0.00	0.00	0.00
10,000.0	88.91	89.80	8,302.6	1,027.2	2,085.2	2,088.8	0.00	0.00	0.00
10,100.0	88.91	89.80	8,304.5	1,027.6	2,185.2	2,188.8	0.00	0.00	0.00
10,200.0	88.91	89.80	8,306.4	1,027.9	2,285.2	2,288.7	0.00	0.00	0.00
10,300.0	88.91	89.80	8,308.2	1,028.3	2,385.2	2,388.7	0.00	0.00	0.00
10,400.0	88.91	89.80	8,310.1	1,028.6	2,485.1	2,488.7	0.00	0.00	0.00
10,500.0	88.91	89.80	8,312.0	1,029.0	2,585.1	2,588.7	0.00	0.00	0.00
10,600.0	88.91	89.80	8,313.9	1,029.3	2,685.1	2,688.7	0.00	0.00	0.00
10,700.0	88.91	89.80	8,315.8	1,029.6	2,785.1	2,788.7	0.00	0.00	0.00
10,800.0	88.91	89.80	8,317.7	1,030.0	2,885.1	2,888.6	0.00	0.00	0.00
10,900.0	88.91	89.80	8,319.6	1,030.3	2,985.0	2,988.6	0.00	0.00	0.00
11,000.0	88.91	89.80	8,321.5	1,030.7	3,085.0	3,088.6	0.00	0.00	0.00
11,100.0	88.91	89.80	8,323.4	1,031.0	3,185.0	3,188.6	0.00	0.00	0.00
11,200.0	88.91	89.80	8,325.3	1,031.3	3,285.0	3,288.6	0.00	0.00	0.00
11,300.0	88.91	89.80	8,327.2	1,031.7	3,385.0	3,388.5	0.00	0.00	0.00
11,400.0	88.91	89.80	8,329.1	1,032.0	3,484.9	3,488.5	0.00	0.00	0.00
11,500.0	88.91	89.80	8,331.0	1,032.4	3,584.9	3,588.5	0.00	0.00	0.00
11,600.0	88.91	89.80	8,332.9	1,032.7	3,684.9	3,688.5	0.00	0.00	0.00
11,700.0	88.91	89.80	8,334.8	1,033.1	3,784.9	3,788.5	0.00	0.00	0.00
11,800.0	88.91	89.80	8,336.7	1,033.4	3,884.9	3,888.5	0.00	0.00	0.00
11,900.0	88.91	89.80	8,338.6	1,033.7	3,984.9	3,988.4	0.00	0.00	0.00
12,000.0	88.91	89.80	8,340.5	1,034.1	4,084.8	4,088.4	0.00	0.00	0.00
12,100.0	88.91	89.80	8,342.4	1,034.4	4,184.8	4,188.4	0.00	0.00	0.00
12,200.0	88.91	89.80	8,344.3	1,034.8	4,284.8	4,288.4	0.00	0.00	0.00
12,300.0	88.91	89.80	8,346.2	1,035.1	4,384.8	4,388.4	0.00	0.00	0.00
12,400.0	88.91	89.80	8,348.1	1,035.5	4,484.8	4,488.3	0.00	0.00	0.00
12,500.0	88.91	89.80	8,350.0	1,035.8	4,584.7	4,588.3	0.00	0.00	0.00
12,600.0	88.91	89.80	8,351.9	1,036.1	4,684.7	4,688.3	0.00	0.00	0.00
12,700.0	88.91	89.80	8,353.8	1,036.5	4,784.7	4,788.3	0.00	0.00	0.00
12,800.0	88.91	89.80	8,355.7	1,036.8	4,884.7	4,888.3	0.00	0.00	0.00
12,900.0	88.91	89.80	8,357.6	1,037.2	4,984.7	4,988.3	0.00	0.00	0.00
13,000.0	88.91	89.80	8,359.5	1,037.5	5,084.7	5,088.2	0.00	0.00	0.00
13,100.0	88.91	89.80	8,361.4	1,037.8	5,184.6	5,188.2	0.00	0.00	0.00
13,116.1	88.91	89.80	8,361.7	1,037.9	5,200.7	5,204.3	0.00	0.00	0.00
1BS DP1 - Janie Conner #120H									
13,132.8	88.91	89.80	8,362.0	1,038.0	5,217.4	5,221.0	0.00	0.00	0.00
Start DLS 8.79 TFO 89.97 - DP1 - Janie Conner #120H									
13,150.0	88.91	91.32	8,362.3	1,037.8	5,234.6	5,238.2	8.79	0.01	8.79

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well Janie Conner #120H
Company:	Matador Production Company	TVD Reference:	KB @ 2998.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim 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)
13,200.0	88.92	95.71	8,363.3	1,034.7	5,284.5	5,288.1	8.79	0.02	8.79
13,250.0	88.94	100.11	8,364.2	1,027.8	5,334.0	5,337.6	8.79	0.03	8.79
13,300.0	88.96	104.50	8,365.1	1,017.2	5,382.8	5,386.4	8.79	0.04	8.79
13,350.0	88.98	108.90	8,366.0	1,002.8	5,430.7	5,434.2	8.79	0.05	8.79
13,400.0	89.02	113.29	8,366.9	984.8	5,477.3	5,480.7	8.79	0.07	8.79
13,450.0	89.05	117.68	8,367.7	963.3	5,522.5	5,525.8	8.79	0.08	8.79
13,500.0	89.10	122.08	8,368.5	938.4	5,565.8	5,569.0	8.79	0.09	8.79
13,550.0	89.15	126.47	8,369.3	910.3	5,607.1	5,610.2	8.79	0.10	8.79
13,600.0	89.20	130.87	8,370.0	879.1	5,646.1	5,649.2	8.79	0.11	8.79
13,650.0	89.26	135.26	8,370.7	844.9	5,682.6	5,685.6	8.79	0.12	8.79
13,700.0	89.32	139.65	8,371.3	808.1	5,716.4	5,719.2	8.79	0.13	8.79
13,750.0	89.39	144.05	8,371.9	768.8	5,747.3	5,750.0	8.79	0.13	8.79
13,800.0	89.46	148.44	8,372.4	727.2	5,775.1	5,777.6	8.79	0.14	8.79
13,850.0	89.54	152.83	8,372.8	683.7	5,799.6	5,802.0	8.79	0.15	8.79
13,900.0	89.61	157.22	8,373.2	638.4	5,820.7	5,822.9	8.79	0.15	8.79
13,950.0	89.69	161.62	8,373.5	591.6	5,838.3	5,840.3	8.79	0.16	8.79
14,000.0	89.77	166.01	8,373.7	543.6	5,852.2	5,854.1	8.79	0.16	8.79
14,050.0	89.86	170.40	8,373.9	494.6	5,862.4	5,864.1	8.79	0.16	8.79
14,084.2	89.91	173.40	8,374.0	460.8	5,867.2	5,868.8	8.79	0.17	8.79
Start 15.9 hold at 14084.2 MD									
14,100.1	89.91	173.40	8,374.0	445.0	5,869.1	5,870.6	0.00	0.00	0.00
Start DLS 8.79 TFO 88.97									
14,150.0	89.99	177.79	8,374.0	395.2	5,872.9	5,874.2	8.79	0.16	8.79
14,164.3	90.01	179.04	8,374.0	381.0	5,873.3	5,874.6	8.79	0.16	8.79
APEX - Janie Conner #120H									
14,164.5	90.01	179.07	8,374.0	380.7	5,873.3	5,874.6	8.79	0.16	8.79
1BS APEX - Janie Conner #120H									
14,200.0	90.07	182.18	8,374.0	345.2	5,872.9	5,874.1	8.79	0.16	8.79
14,250.0	90.15	186.57	8,373.9	295.4	5,869.1	5,870.1	8.79	0.16	8.79
14,300.0	90.23	190.97	8,373.7	246.0	5,861.5	5,862.3	8.79	0.16	8.79
14,350.0	90.30	195.36	8,373.5	197.3	5,850.1	5,850.7	8.79	0.15	8.79
14,400.0	90.38	199.75	8,373.2	149.7	5,835.0	5,835.5	8.79	0.15	8.79
14,450.0	90.45	204.15	8,372.9	103.3	5,816.3	5,816.7	8.79	0.14	8.79
14,500.0	90.52	208.54	8,372.4	58.5	5,794.2	5,794.3	8.79	0.14	8.79
14,550.0	90.59	212.93	8,372.0	15.5	5,768.6	5,768.6	8.79	0.13	8.79
14,600.0	90.65	217.32	8,371.4	-25.3	5,739.8	5,739.7	8.79	0.13	8.79
14,650.0	90.71	221.72	8,370.8	-63.9	5,708.0	5,707.8	8.79	0.12	8.79
14,700.0	90.76	226.11	8,370.2	-99.9	5,673.4	5,673.0	8.79	0.11	8.79
14,750.0	90.81	230.51	8,369.5	-133.1	5,636.0	5,635.5	8.79	0.10	8.79
14,800.0	90.86	234.90	8,368.8	-163.4	5,596.3	5,595.7	8.79	0.09	8.79
14,850.0	90.90	239.29	8,368.0	-190.6	5,554.3	5,553.6	8.79	0.08	8.79
14,900.0	90.94	243.69	8,367.2	-214.4	5,510.4	5,509.6	8.79	0.07	8.79
14,950.0	90.97	248.08	8,366.4	-234.9	5,464.8	5,463.9	8.79	0.06	8.79
15,000.0	90.99	252.47	8,365.5	-251.7	5,417.7	5,416.8	8.79	0.05	8.79
15,050.0	91.01	256.87	8,364.6	-264.9	5,369.5	5,368.6	8.79	0.04	8.79
15,100.0	91.02	261.26	8,363.7	-274.4	5,320.5	5,319.5	8.79	0.03	8.79
15,150.0	91.03	265.66	8,362.8	-280.1	5,270.8	5,269.8	8.79	0.01	8.79
15,197.1	91.03	269.80	8,362.0	-282.0	5,223.7	5,222.7	8.79	0.00	8.79
Start 4436.2 hold at 15197.1 MD - DP2 - Janie Conner #120H									
15,200.0	91.03	269.80	8,361.9	-282.0	5,220.9	5,219.8	0.00	0.00	0.00
15,212.9	91.03	269.80	8,361.7	-282.0	5,208.0	5,206.9	0.00	0.00	0.00
1BS DP2 - Janie Conner #120H									
15,300.0	91.03	269.80	8,360.2	-282.3	5,120.9	5,119.9	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well Janie Conner #120H
Company:	Matador Production Company	TVD Reference:	KB @ 2998.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim 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)	
15,400.0	91.03	269.80	8,358.4	-282.7	5,020.9	5,019.9	0.00	0.00	0.00	
15,500.0	91.03	269.80	8,356.6	-283.0	4,920.9	4,919.9	0.00	0.00	0.00	
15,600.0	91.03	269.80	8,354.8	-283.4	4,820.9	4,819.9	0.00	0.00	0.00	
15,700.0	91.03	269.80	8,353.0	-283.7	4,720.9	4,719.9	0.00	0.00	0.00	
15,800.0	91.03	269.80	8,351.2	-284.1	4,621.0	4,619.9	0.00	0.00	0.00	
15,900.0	91.03	269.80	8,349.4	-284.4	4,521.0	4,520.0	0.00	0.00	0.00	
16,000.0	91.03	269.80	8,347.6	-284.8	4,421.0	4,420.0	0.00	0.00	0.00	
16,100.0	91.03	269.80	8,345.8	-285.1	4,321.0	4,320.0	0.00	0.00	0.00	
16,200.0	91.03	269.80	8,344.0	-285.5	4,221.0	4,220.0	0.00	0.00	0.00	
16,300.0	91.03	269.80	8,342.2	-285.8	4,121.0	4,120.0	0.00	0.00	0.00	
16,400.0	91.03	269.80	8,340.4	-286.2	4,021.1	4,020.0	0.00	0.00	0.00	
16,500.0	91.03	269.80	8,338.6	-286.5	3,921.1	3,920.1	0.00	0.00	0.00	
16,600.0	91.03	269.80	8,336.8	-286.9	3,821.1	3,820.1	0.00	0.00	0.00	
16,700.0	91.03	269.80	8,335.0	-287.2	3,721.1	3,720.1	0.00	0.00	0.00	
16,800.0	91.03	269.80	8,333.2	-287.6	3,621.1	3,620.1	0.00	0.00	0.00	
16,900.0	91.03	269.80	8,331.4	-287.9	3,521.1	3,520.1	0.00	0.00	0.00	
17,000.0	91.03	269.80	8,329.6	-288.3	3,421.2	3,420.1	0.00	0.00	0.00	
17,100.0	91.03	269.80	8,327.8	-288.6	3,321.2	3,320.2	0.00	0.00	0.00	
17,200.0	91.03	269.80	8,326.0	-289.0	3,221.2	3,220.2	0.00	0.00	0.00	
17,300.0	91.03	269.80	8,324.2	-289.3	3,121.2	3,120.2	0.00	0.00	0.00	
17,400.0	91.03	269.80	8,322.4	-289.7	3,021.2	3,020.2	0.00	0.00	0.00	
17,500.0	91.03	269.80	8,320.6	-290.0	2,921.2	2,920.2	0.00	0.00	0.00	
17,600.0	91.03	269.80	8,318.8	-290.4	2,821.3	2,820.2	0.00	0.00	0.00	
17,700.0	91.03	269.80	8,317.0	-290.7	2,721.3	2,720.2	0.00	0.00	0.00	
17,800.0	91.03	269.80	8,315.2	-291.1	2,621.3	2,620.3	0.00	0.00	0.00	
17,900.0	91.03	269.80	8,313.4	-291.4	2,521.3	2,520.3	0.00	0.00	0.00	
18,000.0	91.03	269.80	8,311.6	-291.8	2,421.3	2,420.3	0.00	0.00	0.00	
18,100.0	91.03	269.80	8,309.8	-292.1	2,321.3	2,320.3	0.00	0.00	0.00	
18,200.0	91.03	269.80	8,308.0	-292.5	2,221.4	2,220.3	0.00	0.00	0.00	
18,300.0	91.03	269.80	8,306.2	-292.8	2,121.4	2,120.3	0.00	0.00	0.00	
18,400.0	91.03	269.80	8,304.4	-293.2	2,021.4	2,020.4	0.00	0.00	0.00	
18,500.0	91.03	269.80	8,302.6	-293.5	1,921.4	1,920.4	0.00	0.00	0.00	
18,600.0	91.03	269.80	8,300.8	-293.9	1,821.4	1,820.4	0.00	0.00	0.00	
18,700.0	91.03	269.80	8,299.0	-294.2	1,721.4	1,720.4	0.00	0.00	0.00	
18,800.0	91.03	269.80	8,297.2	-294.6	1,621.5	1,620.4	0.00	0.00	0.00	
18,900.0	91.03	269.80	8,295.4	-294.9	1,521.5	1,520.4	0.00	0.00	0.00	
19,000.0	91.03	269.80	8,293.6	-295.3	1,421.5	1,420.5	0.00	0.00	0.00	
19,100.0	91.03	269.80	8,291.8	-295.6	1,321.5	1,320.5	0.00	0.00	0.00	
19,200.0	91.03	269.80	8,290.0	-296.0	1,221.5	1,220.5	0.00	0.00	0.00	
19,300.0	91.03	269.80	8,288.2	-296.3	1,121.5	1,120.5	0.00	0.00	0.00	
19,400.0	91.03	269.80	8,286.4	-296.7	1,021.6	1,020.5	0.00	0.00	0.00	
19,500.0	91.03	269.80	8,284.7	-297.0	921.6	920.5	0.00	0.00	0.00	
19,600.0	91.03	269.80	8,282.9	-297.3	821.6	820.6	0.00	0.00	0.00	
19,633.4	91.03	269.80	8,282.3	-297.5	788.3	787.2	0.00	0.00	0.00	
TD at 19633.4 - BHL - Janie Conner #120H - 1BS BHL - Janie Conner #120H										

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well Janie Conner #120H
Company:	Matador Production Company	TVD Reference:	KB @ 2998.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 2998.5usft
Site:	Janie Conner	North Reference:	Grid
Well:	Janie Conner #120H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim Plan #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
KOP - Janie Conner #12	0.00	0.00	7,732.7	903.5	194.8	445,200.37	587,471.60	32° 13' 25.163 N	104° 3' 1.706 W
- plan hits target center									
- Point									
FTP - Janie Conner #12	0.00	0.00	8,282.0	1,022.5	757.1	445,319.32	588,033.86	32° 13' 26.326 N	104° 2' 55.157 W
- plan misses target center by 4.6usft at 8671.8usft MD (8277.4 TVD, 1022.4 N, 757.2 E)									
- Point									
BHL - Janie Conner #12	0.00	0.00	8,282.0	-297.5	788.3	443,999.44	588,064.98	32° 13' 13.263 N	104° 2' 54.835 W
- plan misses target center by 0.3usft at 19633.4usft MD (8282.3 TVD, -297.5 N, 788.3 E)									
- Point									
APEX - Janie Conner #1	0.00	0.00	8,350.2	381.2	5,880.5	444,678.05	593,157.31	32° 13' 19.841 N	104° 1' 55.534 W
- plan misses target center by 24.9usft at 14164.3usft MD (8374.0 TVD, 381.0 N, 5873.3 E)									
- Point									
DP1 - Janie Conner #12	0.00	0.00	8,362.0	1,038.0	5,217.4	445,334.85	592,494.15	32° 13' 26.359 N	104° 2' 3.232 W
- plan hits target center									
- Point									
DP2 - Janie Conner #12	0.00	0.00	8,362.0	-282.0	5,223.7	444,014.91	592,500.49	32° 13' 13.297 N	104° 2' 3.201 W
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	Comment
1,000.0	1,000.0	0.0	0.0	Start DLS 1.50 TFO 12.17
1,542.8	1,541.0	37.6	8.1	Start 6254.8 hold at 1542.8 MD
7,797.6	7,732.7	903.5	194.8	Start DLS 10.00 TFO 73.51
8,663.9	8,277.2	1,021.8	749.4	Start DLS 20.50 TFO 90.78
8,685.5	8,277.6	1,022.8	770.9	Start 4447.3 hold at 8685.5 MD
13,132.8	8,362.0	1,038.0	5,217.4	Start DLS 8.79 TFO 89.97
14,084.2	8,374.0	460.8	5,867.2	Start 15.9 hold at 14084.2 MD
14,100.1	8,374.0	445.0	5,869.1	Start DLS 8.79 TFO 88.97
15,197.1	8,362.0	-282.0	5,223.7	Start 4436.2 hold at 15197.1 MD
19,633.4	8,282.3	-297.5	788.3	TD at 19633.4

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

Submit Electronically
Via E-permitting

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: Matador Production Company **OGRID:** 228937 **Date:** 2/15/2024

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Janie Conner 120H	TBD	H 14 – 24S – 28E	1368' FNL 673' FEL	800	1,800	3,900

IV. Central Delivery Point Name: Janie Conner TB [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Janie Conner 120H	TBD	6/30/2024	7/15/2024	9/01/2024	10/01/2024	10/01/2024

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications**Effective May 25, 2021**

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

If Operator checks this box, Operator will select one of the following:

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: 
Printed Name: Klint Franz
Title: Facilities Engineer
E-mail Address: klint.franz@matadorresources.com
Date: 02/15/2024
Phone: (972) 371-5200
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

Addendum to Natural Gas Management Plan for Matador's

Janie Conner TB

VI. Separation Equipment

Flow from the wells will be routed via a flowline to a 48"x15' three phase separator dedicated to the well. The first stage separators are sized with input from BRE ProMax and API 12J. Anticipated production rates can be seen in the below table. Liquid retention times at expected maximum rates will be >3 minutes. Gas will be routed from the first stage separator to sales. Hydrocarbon liquids are dumped from the first stage separator and commingled to one or more heater treaters. The flash gas from the heater treater(s) could either be sent to sales or routed to a compressor if the sales line pressure is higher than the MAWP of the heater treater (125 psi). From the heater treaters, hydrocarbon liquid will be routed to the tanks where vapor is compressed by a VRU if technically feasible to either sales or a compressor if the sales line pressure is higher than the VRU's maximum discharge pressure (~150 psi). Therefore, Matador has sized our separation equipment to optimize gas capture and our separation equipment is of sufficient size to handle the expected volumes of gas.

Well Name	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Janie Conner 120H	800	1,800	3,900

VII. Operation Practices

Although not a complete recitation of all our efforts to comply with subsection A through F of 19.15.27.8 NMAC, a summary is as follows. During initial flowback we will route the flowback fluids into completion or storage tanks and, to the extent possible, flare rather than vent any gas. We will commence operation of a separator as soon as technically feasible and have instructed our team that we want to connect the gas to sales as soon as possible but not later than 30 days after initial flowback.

Regarding production operations, we have designed our production facilities to be compliant with the requirements of Part E of 19.15.27.8 NMAC. We will instruct our team to perform the AVOs on the frequency required under the rules. While the well is producing, we will take steps to minimize flaring during maintenance, as set forth below, and we have a process in place for the measuring of any flared gas and the reporting of any reportable flaring events.

VII. Best Management Practices

Steps are taken to minimize venting during active or planned maintenance when technically feasible including:

- Isolating the affected component and reducing pressure through process piping
- Blowing down the equipment being maintained to a control device
- Performing preventative maintenance and minimizing the duration of maintenance activities
- Shutting in sources of supply as possible

- Other steps that are available depending on the maintenance being performed