

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-48645
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name GEORGE 14 15 24S 28E
8. Well Number 114H
9. OGRID Number 228937
10. Pool name or Wildcat MALAGA; BONE SPRING

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Matador Production Company	
3. Address of Operator 5400 LBJ FWY, STE 1500 DALLAS, TX 75240	
4. Well Location Unit Letter <u>P</u> : 1562 feet from the <u>SOUTH</u> line and <u>190</u> feet from the <u>EAST</u> line Section <u>14</u> Township <u>24S</u> Range <u>28E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2979	

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

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

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

Matador requests to amend the surface hole location.

Please see attached updated C-102 attached.

New location: 14 24S 28E 1156 FSL 786 FEL Eddy County

Spud Date:

Rig Release Date:

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

SIGNATURE Brett Jennings TITLE Regulatory Analyst DATE 01/11/2023

Type or print name Brett Jennings E-mail address: Brett.Jennings@matadorresources.com PHONE: 972-629-2160

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, 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	² Pool Code 42780	³ Pool Name Malaga; Bone Spring
⁴ Property Code	⁵ Property Name GEORGE 14 15 24S 28E	⁶ Well Number 114H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 2975'

¹⁰Surface Location

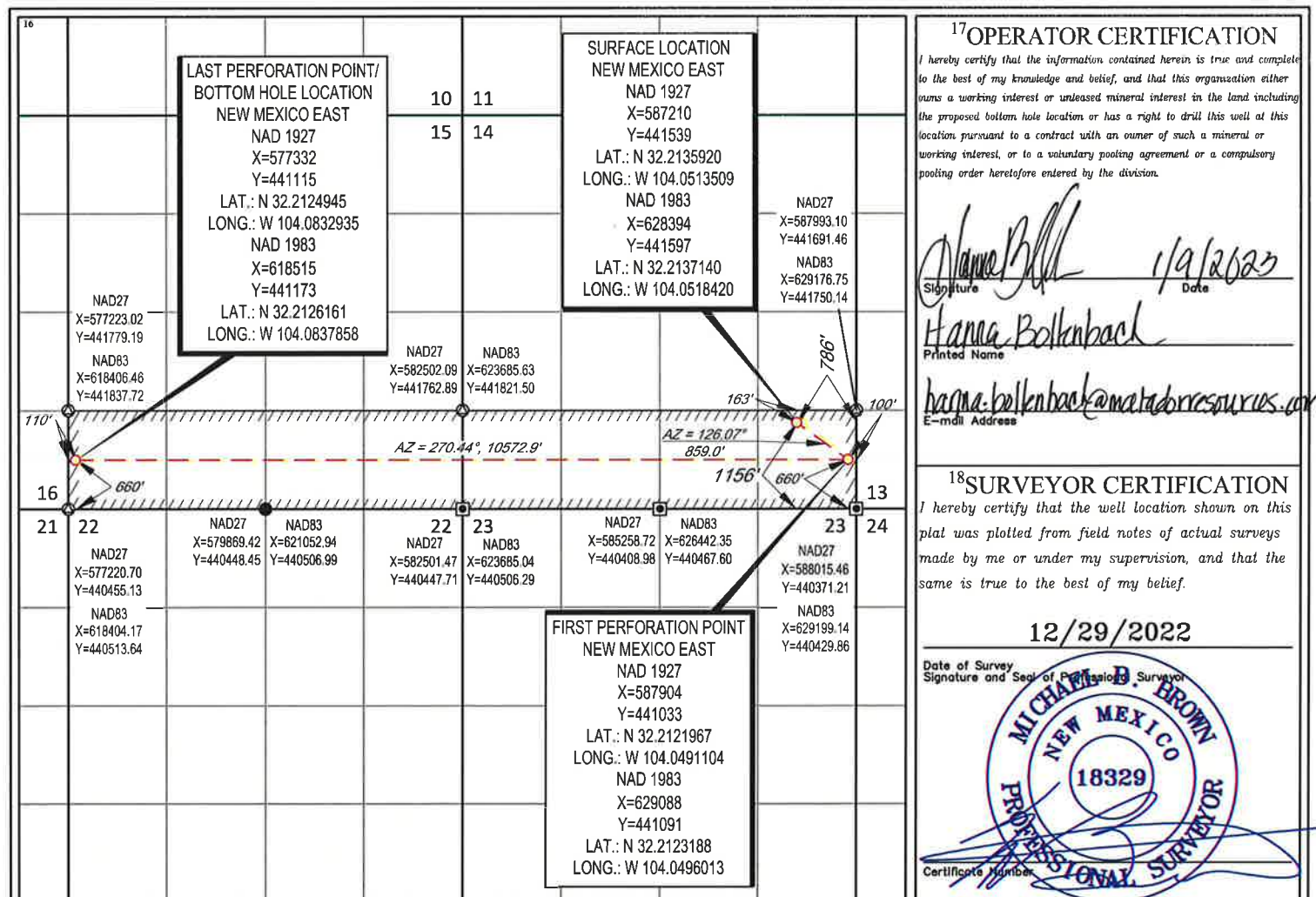
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	14	24-S	28-E	-	1156'	SOUTH	786'	EAST	EDDY

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
M	15	24-S	28-E	-	660'	SOUTH	110'	WEST	EDDY

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



Well Name: George State Com #114H

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	605	0	525	0	Option to drill surface hole with surface setting rig
INT 1	Diesel/Brine Emulsion	9.875	7.625	P-110	29.70	6210	0	955	0	
PROD	OIL-BASED MUD	6.75	5.5	P-110	20.00	17774	0	710	6010	

Matador Production Company

Rustler Breaks

George

George #114H

Wellbore #1

Plan: State Plan #1

Standard Planning Report

09 January, 2023

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well George #114H
Company:	Matador Production Company	TVD Reference:	KB @ 3002.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #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		George			
Site Position: From:		Northing:	441,965.89 usft	Latitude:	32° 12' 53.146 N
	Lat/Long	Easting:	587,768.45 usft	Longitude:	104° 2' 58.349 W
	Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:

Well	George #114H					
Well Position	+N/-S	-427.4 usft	Northing:	441,538.52 usft	Latitude:	32° 12' 48.931 N
	+E/-W	-558.5 usft	Easting:	587,209.97 usft	Longitude:	104° 3' 4.863 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	2,974.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/12/2020	6.82	59.94	47,543.80630698

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	267.54	

Plan Survey Tool Program	Date	1/9/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,774.4	State Plan #1 (Wellbore #1)	MWD	
				OWSG MWD - Standard	

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well George #114H
Company:	Matador Production Company	TVD Reference:	KB @ 3002.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #114H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State 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	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	3.00	115.00	799.9	-3.3	7.1	1.00	1.00	0.00	115.00	
1,000.0	3.00	115.00	999.6	-7.7	16.6	0.00	0.00	0.00	0.00	
1,263.1	8.26	114.45	1,261.3	-18.5	40.1	2.00	2.00	-0.21	-0.87	
6,479.6	8.26	114.45	6,423.7	-328.7	722.5	0.00	0.00	0.00	0.00	
6,810.1	0.00	0.01	6,753.0	-338.6	744.1	2.50	-2.50	0.00	180.00	VP - George #114H
7,720.1	91.00	259.30	7,325.9	-446.8	171.3	10.00	10.00	0.00	259.30	
8,276.9	91.00	270.44	7,316.1	-496.5	-382.4	2.00	0.00	2.00	89.89	
17,774.4	91.00	270.44	7,149.8	-423.7	-9,878.1	0.00	0.00	0.00	0.00	BHL - George #114

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well George #114H
Company:	Matador Production Company	TVD Reference:	KB @ 3002.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #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
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	1.00	115.00	600.0	-0.4	0.8	-0.8	1.00	1.00	0.00
700.0	2.00	115.00	700.0	-1.5	3.2	-3.1	1.00	1.00	0.00
800.0	3.00	115.00	799.9	-3.3	7.1	-7.0	1.00	1.00	0.00
900.0	3.00	115.00	899.7	-5.5	11.9	-11.6	0.00	0.00	0.00
1,000.0	3.00	115.00	999.6	-7.7	16.6	-16.3	0.00	0.00	0.00
1,100.0	5.00	114.65	1,099.3	-10.7	22.9	-22.5	2.00	2.00	-0.35
1,200.0	7.00	114.50	1,198.8	-15.0	32.4	-31.8	2.00	2.00	-0.15
1,263.1	8.26	114.45	1,261.3	-18.5	40.1	-39.2	2.00	2.00	-0.09
1,300.0	8.26	114.45	1,297.8	-20.7	44.9	-44.0	0.00	0.00	0.00
1,400.0	8.26	114.45	1,396.8	-26.6	58.0	-56.8	0.00	0.00	0.00
1,500.0	8.26	114.45	1,495.8	-32.6	71.1	-69.6	0.00	0.00	0.00
1,600.0	8.26	114.45	1,594.7	-38.5	84.1	-82.4	0.00	0.00	0.00
1,700.0	8.26	114.45	1,693.7	-44.5	97.2	-95.2	0.00	0.00	0.00
1,800.0	8.26	114.45	1,792.7	-50.4	110.3	-108.0	0.00	0.00	0.00
1,900.0	8.26	114.45	1,891.6	-56.4	123.4	-120.9	0.00	0.00	0.00
2,000.0	8.26	114.45	1,990.6	-62.3	136.5	-133.7	0.00	0.00	0.00
2,100.0	8.26	114.45	2,089.5	-68.3	149.5	-146.5	0.00	0.00	0.00
2,200.0	8.26	114.45	2,188.5	-74.2	162.6	-159.3	0.00	0.00	0.00
2,300.0	8.26	114.45	2,287.5	-80.1	175.7	-172.1	0.00	0.00	0.00
2,400.0	8.26	114.45	2,386.4	-86.1	188.8	-184.9	0.00	0.00	0.00
2,500.0	8.26	114.45	2,485.4	-92.0	201.9	-197.7	0.00	0.00	0.00
2,600.0	8.26	114.45	2,584.4	-98.0	215.0	-210.6	0.00	0.00	0.00
2,700.0	8.26	114.45	2,683.3	-103.9	228.0	-223.4	0.00	0.00	0.00
2,800.0	8.26	114.45	2,782.3	-109.9	241.1	-236.2	0.00	0.00	0.00
2,900.0	8.26	114.45	2,881.2	-115.8	254.2	-249.0	0.00	0.00	0.00
3,000.0	8.26	114.45	2,980.2	-121.8	267.3	-261.8	0.00	0.00	0.00
3,100.0	8.26	114.45	3,079.2	-127.7	280.4	-274.6	0.00	0.00	0.00
3,200.0	8.26	114.45	3,178.1	-133.7	293.4	-287.4	0.00	0.00	0.00
3,300.0	8.26	114.45	3,277.1	-139.6	306.5	-300.3	0.00	0.00	0.00
3,400.0	8.26	114.45	3,376.1	-145.6	319.6	-313.1	0.00	0.00	0.00
3,500.0	8.26	114.45	3,475.0	-151.5	332.7	-325.9	0.00	0.00	0.00
3,600.0	8.26	114.45	3,574.0	-157.5	345.8	-338.7	0.00	0.00	0.00
3,700.0	8.26	114.45	3,672.9	-163.4	358.8	-351.5	0.00	0.00	0.00
3,800.0	8.26	114.45	3,771.9	-169.4	371.9	-364.3	0.00	0.00	0.00
3,900.0	8.26	114.45	3,870.9	-175.3	385.0	-377.1	0.00	0.00	0.00
4,000.0	8.26	114.45	3,969.8	-181.2	398.1	-390.0	0.00	0.00	0.00
4,100.0	8.26	114.45	4,068.8	-187.2	411.2	-402.8	0.00	0.00	0.00
4,200.0	8.26	114.45	4,167.7	-193.1	424.3	-415.6	0.00	0.00	0.00
4,300.0	8.26	114.45	4,266.7	-199.1	437.3	-428.4	0.00	0.00	0.00
4,400.0	8.26	114.45	4,365.7	-205.0	450.4	-441.2	0.00	0.00	0.00
4,500.0	8.26	114.45	4,464.6	-211.0	463.5	-454.0	0.00	0.00	0.00
4,600.0	8.26	114.45	4,563.6	-216.9	476.6	-466.8	0.00	0.00	0.00
4,700.0	8.26	114.45	4,662.6	-222.9	489.7	-479.7	0.00	0.00	0.00
4,800.0	8.26	114.45	4,761.5	-228.8	502.7	-492.5	0.00	0.00	0.00
4,900.0	8.26	114.45	4,860.5	-234.8	515.8	-505.3	0.00	0.00	0.00
5,000.0	8.26	114.45	4,959.4	-240.7	528.9	-518.1	0.00	0.00	0.00
5,100.0	8.26	114.45	5,058.4	-246.7	542.0	-530.9	0.00	0.00	0.00
5,200.0	8.26	114.45	5,157.4	-252.6	555.1	-543.7	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well George #114H
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Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #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)
5,300.0	8.26	114.45	5,256.3	-258.6	568.1	-556.5	0.00	0.00	0.00
5,400.0	8.26	114.45	5,355.3	-264.5	581.2	-569.4	0.00	0.00	0.00
5,500.0	8.26	114.45	5,454.3	-270.5	594.3	-582.2	0.00	0.00	0.00
5,600.0	8.26	114.45	5,553.2	-276.4	607.4	-595.0	0.00	0.00	0.00
5,700.0	8.26	114.45	5,652.2	-282.3	620.5	-607.8	0.00	0.00	0.00
5,800.0	8.26	114.45	5,751.1	-288.3	633.6	-620.6	0.00	0.00	0.00
5,900.0	8.26	114.45	5,850.1	-294.2	646.6	-633.4	0.00	0.00	0.00
6,000.0	8.26	114.45	5,949.1	-300.2	659.7	-646.2	0.00	0.00	0.00
6,100.0	8.26	114.45	6,048.0	-306.1	672.8	-659.1	0.00	0.00	0.00
6,200.0	8.26	114.45	6,147.0	-312.1	685.9	-671.9	0.00	0.00	0.00
6,300.0	8.26	114.45	6,246.0	-318.0	699.0	-684.7	0.00	0.00	0.00
6,400.0	8.26	114.45	6,344.9	-324.0	712.0	-697.5	0.00	0.00	0.00
6,479.6	8.26	114.45	6,423.7	-328.7	722.5	-707.7	0.00	0.00	0.00
6,500.0	7.75	114.45	6,443.9	-329.9	725.0	-710.2	2.50	-2.50	0.00
6,600.0	5.25	114.45	6,543.2	-334.6	735.3	-720.3	2.50	-2.50	0.00
6,700.0	2.75	114.45	6,643.0	-337.5	741.7	-726.6	2.50	-2.50	0.00
6,800.0	0.25	114.45	6,742.9	-338.5	744.1	-728.9	2.50	-2.50	0.00
6,810.1	0.00	0.01	6,753.0	-338.6	744.1	-728.9	2.50	-2.50	0.00
6,900.0	8.99	259.30	6,842.6	-339.9	737.2	-721.9	10.00	10.00	0.00
7,000.0	18.99	259.30	6,939.5	-344.3	713.4	-698.0	10.00	10.00	0.00
7,100.0	28.99	259.30	7,030.7	-351.9	673.5	-657.8	10.00	10.00	0.00
7,200.0	38.99	259.30	7,113.5	-362.3	618.7	-602.6	10.00	10.00	0.00
7,300.0	48.99	259.30	7,185.4	-375.1	550.5	-533.9	10.00	10.00	0.00
7,400.0	58.99	259.30	7,244.1	-390.1	471.1	-454.0	10.00	10.00	0.00
7,500.0	68.99	259.30	7,287.9	-406.8	382.9	-365.1	10.00	10.00	0.00
7,600.0	78.99	259.30	7,315.4	-424.6	288.6	-270.1	10.00	10.00	0.00
7,700.0	88.99	259.30	7,325.9	-443.1	191.0	-171.8	10.00	10.00	0.00
7,720.1	91.00	259.30	7,325.9	-446.8	171.3	-152.0	10.00	10.00	0.00
7,800.0	91.00	260.90	7,324.5	-460.5	92.5	-72.7	2.00	0.00	2.00
7,900.0	91.01	262.90	7,322.7	-474.6	-6.4	26.8	2.00	0.00	2.00
8,000.0	91.01	264.90	7,321.0	-485.2	-105.9	126.5	2.00	0.00	2.00
8,100.0	91.01	266.90	7,319.2	-492.4	-205.6	226.5	2.00	0.00	2.00
8,200.0	91.01	268.90	7,317.5	-496.1	-305.5	326.5	2.00	0.00	2.00
8,276.9	91.00	270.44	7,316.1	-496.5	-382.4	403.3	2.00	0.00	2.00
8,300.0	91.00	270.44	7,315.7	-496.3	-405.5	426.4	0.00	0.00	0.00
8,400.0	91.00	270.44	7,313.9	-495.6	-505.5	526.2	0.00	0.00	0.00
8,500.0	91.00	270.44	7,312.2	-494.8	-605.4	626.1	0.00	0.00	0.00
8,600.0	91.00	270.44	7,310.4	-494.0	-705.4	725.9	0.00	0.00	0.00
8,700.0	91.00	270.44	7,308.7	-493.3	-805.4	825.8	0.00	0.00	0.00
8,800.0	91.00	270.44	7,306.9	-492.5	-905.4	925.6	0.00	0.00	0.00
8,900.0	91.00	270.44	7,305.2	-491.7	-1,005.4	1,025.5	0.00	0.00	0.00
9,000.0	91.00	270.44	7,303.4	-491.0	-1,105.3	1,125.4	0.00	0.00	0.00
9,100.0	91.00	270.44	7,301.7	-490.2	-1,205.3	1,225.2	0.00	0.00	0.00
9,200.0	91.00	270.44	7,299.9	-489.4	-1,305.3	1,325.1	0.00	0.00	0.00
9,300.0	91.00	270.44	7,298.2	-488.7	-1,405.3	1,424.9	0.00	0.00	0.00
9,400.0	91.00	270.44	7,296.4	-487.9	-1,505.3	1,524.8	0.00	0.00	0.00
9,500.0	91.00	270.44	7,294.7	-487.1	-1,605.3	1,624.6	0.00	0.00	0.00
9,600.0	91.00	270.44	7,292.9	-486.4	-1,705.2	1,724.5	0.00	0.00	0.00
9,700.0	91.00	270.44	7,291.2	-485.6	-1,805.2	1,824.4	0.00	0.00	0.00
9,800.0	91.00	270.44	7,289.4	-484.8	-1,905.2	1,924.2	0.00	0.00	0.00
9,900.0	91.00	270.44	7,287.7	-484.1	-2,005.2	2,024.1	0.00	0.00	0.00
10,000.0	91.00	270.44	7,285.9	-483.3	-2,105.2	2,123.9	0.00	0.00	0.00
10,100.0	91.00	270.44	7,284.2	-482.5	-2,205.1	2,223.8	0.00	0.00	0.00
10,200.0	91.00	270.44	7,282.4	-481.8	-2,305.1	2,323.6	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well George #114H
Company:	Matador Production Company	TVD Reference:	KB @ 3002.5usft
Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #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)	
10,300.0	91.00	270.44	7,280.7	-481.0	-2,405.1	2,423.5	0.00	0.00	0.00	
10,400.0	91.00	270.44	7,278.9	-480.2	-2,505.1	2,523.4	0.00	0.00	0.00	
10,500.0	91.00	270.44	7,277.2	-479.5	-2,605.1	2,623.2	0.00	0.00	0.00	
10,600.0	91.00	270.44	7,275.4	-478.7	-2,705.1	2,723.1	0.00	0.00	0.00	
10,700.0	91.00	270.44	7,273.7	-477.9	-2,805.0	2,822.9	0.00	0.00	0.00	
10,800.0	91.00	270.44	7,271.9	-477.2	-2,905.0	2,922.8	0.00	0.00	0.00	
10,900.0	91.00	270.44	7,270.2	-476.4	-3,005.0	3,022.6	0.00	0.00	0.00	
11,000.0	91.00	270.44	7,268.4	-475.6	-3,105.0	3,122.5	0.00	0.00	0.00	
11,100.0	91.00	270.44	7,266.7	-474.9	-3,205.0	3,222.4	0.00	0.00	0.00	
11,200.0	91.00	270.44	7,264.9	-474.1	-3,304.9	3,322.2	0.00	0.00	0.00	
11,300.0	91.00	270.44	7,263.2	-473.3	-3,404.9	3,422.1	0.00	0.00	0.00	
11,400.0	91.00	270.44	7,261.4	-472.6	-3,504.9	3,521.9	0.00	0.00	0.00	
11,500.0	91.00	270.44	7,259.7	-471.8	-3,604.9	3,621.8	0.00	0.00	0.00	
11,600.0	91.00	270.44	7,257.9	-471.0	-3,704.9	3,721.6	0.00	0.00	0.00	
11,700.0	91.00	270.44	7,256.2	-470.3	-3,804.8	3,821.5	0.00	0.00	0.00	
11,800.0	91.00	270.44	7,254.4	-469.5	-3,904.8	3,921.4	0.00	0.00	0.00	
11,900.0	91.00	270.44	7,252.7	-468.7	-4,004.8	4,021.2	0.00	0.00	0.00	
12,000.0	91.00	270.44	7,250.9	-468.0	-4,104.8	4,121.1	0.00	0.00	0.00	
12,100.0	91.00	270.44	7,249.2	-467.2	-4,204.8	4,220.9	0.00	0.00	0.00	
12,200.0	91.00	270.44	7,247.4	-466.4	-4,304.8	4,320.8	0.00	0.00	0.00	
12,300.0	91.00	270.44	7,245.7	-465.7	-4,404.7	4,420.6	0.00	0.00	0.00	
12,400.0	91.00	270.44	7,243.9	-464.9	-4,504.7	4,520.5	0.00	0.00	0.00	
12,500.0	91.00	270.44	7,242.2	-464.1	-4,604.7	4,620.4	0.00	0.00	0.00	
12,600.0	91.00	270.44	7,240.4	-463.4	-4,704.7	4,720.2	0.00	0.00	0.00	
12,700.0	91.00	270.44	7,238.7	-462.6	-4,804.7	4,820.1	0.00	0.00	0.00	
12,800.0	91.00	270.44	7,236.9	-461.8	-4,904.6	4,919.9	0.00	0.00	0.00	
12,900.0	91.00	270.44	7,235.2	-461.1	-5,004.6	5,019.8	0.00	0.00	0.00	
13,000.0	91.00	270.44	7,233.4	-460.3	-5,104.6	5,119.6	0.00	0.00	0.00	
13,100.0	91.00	270.44	7,231.7	-459.5	-5,204.6	5,219.5	0.00	0.00	0.00	
13,200.0	91.00	270.44	7,229.9	-458.8	-5,304.6	5,319.4	0.00	0.00	0.00	
13,300.0	91.00	270.44	7,228.1	-458.0	-5,404.6	5,419.2	0.00	0.00	0.00	
13,400.0	91.00	270.44	7,226.4	-457.2	-5,504.5	5,519.1	0.00	0.00	0.00	
13,500.0	91.00	270.44	7,224.6	-456.5	-5,604.5	5,618.9	0.00	0.00	0.00	
13,600.0	91.00	270.44	7,222.9	-455.7	-5,704.5	5,718.8	0.00	0.00	0.00	
13,700.0	91.00	270.44	7,221.1	-454.9	-5,804.5	5,818.6	0.00	0.00	0.00	
13,800.0	91.00	270.44	7,219.4	-454.2	-5,904.5	5,918.5	0.00	0.00	0.00	
13,900.0	91.00	270.44	7,217.6	-453.4	-6,004.4	6,018.4	0.00	0.00	0.00	
14,000.0	91.00	270.44	7,215.9	-452.6	-6,104.4	6,118.2	0.00	0.00	0.00	
14,100.0	91.00	270.44	7,214.1	-451.9	-6,204.4	6,218.1	0.00	0.00	0.00	
14,200.0	91.00	270.44	7,212.4	-451.1	-6,304.4	6,317.9	0.00	0.00	0.00	
14,300.0	91.00	270.44	7,210.6	-450.3	-6,404.4	6,417.8	0.00	0.00	0.00	
14,400.0	91.00	270.44	7,208.9	-449.6	-6,504.4	6,517.6	0.00	0.00	0.00	
14,500.0	91.00	270.44	7,207.1	-448.8	-6,604.3	6,617.5	0.00	0.00	0.00	
14,600.0	91.00	270.44	7,205.4	-448.0	-6,704.3	6,717.4	0.00	0.00	0.00	
14,700.0	91.00	270.44	7,203.6	-447.3	-6,804.3	6,817.2	0.00	0.00	0.00	
14,800.0	91.00	270.44	7,201.9	-446.5	-6,904.3	6,917.1	0.00	0.00	0.00	
14,900.0	91.00	270.44	7,200.1	-445.7	-7,004.3	7,016.9	0.00	0.00	0.00	
15,000.0	91.00	270.44	7,198.4	-445.0	-7,104.2	7,116.8	0.00	0.00	0.00	
15,100.0	91.00	270.44	7,196.6	-444.2	-7,204.2	7,216.6	0.00	0.00	0.00	
15,200.0	91.00	270.44	7,194.9	-443.4	-7,304.2	7,316.5	0.00	0.00	0.00	
15,300.0	91.00	270.44	7,193.1	-442.7	-7,404.2	7,416.4	0.00	0.00	0.00	
15,400.0	91.00	270.44	7,191.4	-441.9	-7,504.2	7,516.2	0.00	0.00	0.00	
15,500.0	91.00	270.44	7,189.6	-441.1	-7,604.2	7,616.1	0.00	0.00	0.00	
15,600.0	91.00	270.44	7,187.9	-440.4	-7,704.1	7,715.9	0.00	0.00	0.00	

Planning Report

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Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #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)	
15,700.0	91.00	270.44	7,186.1	-439.6	-7,804.1	7,815.8	0.00	0.00	0.00	
15,800.0	91.00	270.44	7,184.4	-438.8	-7,904.1	7,915.6	0.00	0.00	0.00	
15,900.0	91.00	270.44	7,182.6	-438.1	-8,004.1	8,015.5	0.00	0.00	0.00	
16,000.0	91.00	270.44	7,180.9	-437.3	-8,104.1	8,115.4	0.00	0.00	0.00	
16,100.0	91.00	270.44	7,179.1	-436.5	-8,204.0	8,215.2	0.00	0.00	0.00	
16,200.0	91.00	270.44	7,177.4	-435.8	-8,304.0	8,315.1	0.00	0.00	0.00	
16,300.0	91.00	270.44	7,175.6	-435.0	-8,404.0	8,414.9	0.00	0.00	0.00	
16,400.0	91.00	270.44	7,173.9	-434.2	-8,504.0	8,514.8	0.00	0.00	0.00	
16,500.0	91.00	270.44	7,172.1	-433.5	-8,604.0	8,614.6	0.00	0.00	0.00	
16,600.0	91.00	270.44	7,170.4	-432.7	-8,704.0	8,714.5	0.00	0.00	0.00	
16,700.0	91.00	270.44	7,168.6	-431.9	-8,803.9	8,814.4	0.00	0.00	0.00	
16,800.0	91.00	270.44	7,166.9	-431.2	-8,903.9	8,914.2	0.00	0.00	0.00	
16,900.0	91.00	270.44	7,165.1	-430.4	-9,003.9	9,014.1	0.00	0.00	0.00	
17,000.0	91.00	270.44	7,163.4	-429.6	-9,103.9	9,113.9	0.00	0.00	0.00	
17,100.0	91.00	270.44	7,161.6	-428.9	-9,203.9	9,213.8	0.00	0.00	0.00	
17,200.0	91.00	270.44	7,159.9	-428.1	-9,303.8	9,313.6	0.00	0.00	0.00	
17,300.0	91.00	270.44	7,158.1	-427.3	-9,403.8	9,413.5	0.00	0.00	0.00	
17,400.0	91.00	270.44	7,156.4	-426.6	-9,503.8	9,513.4	0.00	0.00	0.00	
17,500.0	91.00	270.44	7,154.6	-425.8	-9,603.8	9,613.2	0.00	0.00	0.00	
17,600.0	91.00	270.44	7,152.9	-425.0	-9,703.8	9,713.1	0.00	0.00	0.00	
17,700.0	91.00	270.44	7,151.1	-424.3	-9,803.8	9,812.9	0.00	0.00	0.00	
17,774.4	91.00	270.44	7,149.8	-423.7	-9,878.1	9,887.2	0.00	0.00	0.00	

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude Longitude	
VP - George #114H - hit/miss target - Shape - Point	0.00	0.01	6,753.0	-338.6	744.1	441,200.00	587,954.00	32° 12' 45.562 N 104° 2' 56.213 W	
BHL - George #114H - plan hits target center - Point	0.00	0.00	7,149.8	-423.7	-9,878.1	441,114.83	577,331.84	32° 12' 44.980 N 104° 4' 59.857 W	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
250.0	250.0	Rustler		-1.00	270.44	
2,659.2	2,642.9	Lamar		-1.00	270.44	
2,711.8	2,695.0	Bell Canyon		-1.00	270.44	
3,621.4	3,595.1	Cherry Canyon		-1.00	270.44	
4,839.8	4,800.9	Brushy Canyon		-1.00	270.44	
6,428.9	6,373.5	Bone Spring Lime		-1.00	270.44	
7,519.1	7,294.4	First Bone Spring Sand		-1.00	270.44	

Planning Report

Database:	EDM 5000.14 Server	Local Co-ordinate Reference:	Well George #114H
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Project:	Rustler Breaks	MD Reference:	KB @ 3002.5usft
Site:	George	North Reference:	Grid
Well:	George #114H	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
800.0	799.9	-3.3	7.1	Start 200.0 hold at 800.0 MD
1,000.0	999.6	-7.7	16.6	Start DLS 2.00 TFO -0.87
1,263.1	1,261.3	-18.5	40.1	Start 5216.5 hold at 1263.1 MD
6,479.6	6,423.7	-328.7	722.5	Start Drop -2.50
6,810.1	6,753.0	-338.6	744.1	Start Build 10.00
7,720.1	7,325.9	-446.8	171.3	Start DLS 2.00 TFO 89.89
8,276.9	7,316.1	-496.5	-382.4	Start 9497.5 hold at 8276.9 MD
17,774.4	7,149.8	-423.7	-9,878.1	TD at 17774.4

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

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

CONDITIONS

Action 175157

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 175157
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	1/18/2023