

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Matador Production Company One Lincoln Center, 54000 LBJ Freeway , Ste 1500 Dallas, TX 75240		² OGRID Number 228937	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30 - 0 25-47351	⁵ Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP		⁶ Pool Code 98177 KZ
⁷ Property Code 328112	⁸ Property Name RODNEY ROBINSON FEDERAL COM		⁹ Well Number 203H

II. ¹⁰ Surface Location

UL or lot no. O	Section 7	Township 23S	Range 33E	Lot Idn -	Feet from the 385	North/South Line South	Feet from the 1706	East/West line East	County LEA
--------------------	--------------	-----------------	--------------	--------------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹¹ Bottom Hole Location SL

UL or lot no. 2	Section 6	Township 23S	Range 33E	Lot Idn -	Feet from the 94	North/South line North	Feet from the 1770	East/West line East	County LEA
¹² Lse Code F	¹³ Producing Method F Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

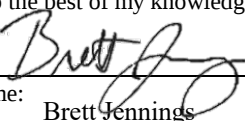
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	Lucid Energy Delaware, LLC 3100 McKinnon St, Ste 800 Dallas, TX 75201	G
34053	Plains Marketing, L.P. P.O. Box 4648 Houston, TX 77210	O

IV. Well Completion Data

²³ TD

²¹ Spud Date 09/23/2020	²² Ready Date 2/28/2021	²³ TD 22,462MD/ 14,250TVD	²⁴ PBTD	²⁵ Perforations 12685-22188	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2		13 3/8	1,389		1190
9 7/8		7 5/8	11,505 Stage tool@5084		2455
6 3/4		5 1/2	22,447		1299

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Brett Jennings			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: LM II		
E-mail Address: Brett.Jennings@matadorresources.com			Approval Date: 3/18/2021		
Date: 02/19/2021		Phone: 972-629-2160	RT EXPIRES 5/28/2021		

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 30-025-47351	² Pool Code 98177	³ Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP KZ
⁴ Property Code 328112	⁵ Property Name RODNEY ROBINSON FED COM	⁶ Well Number 203H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3718'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	23-S	33-E	-	385'	SOUTH	1706'	EAST	LEA

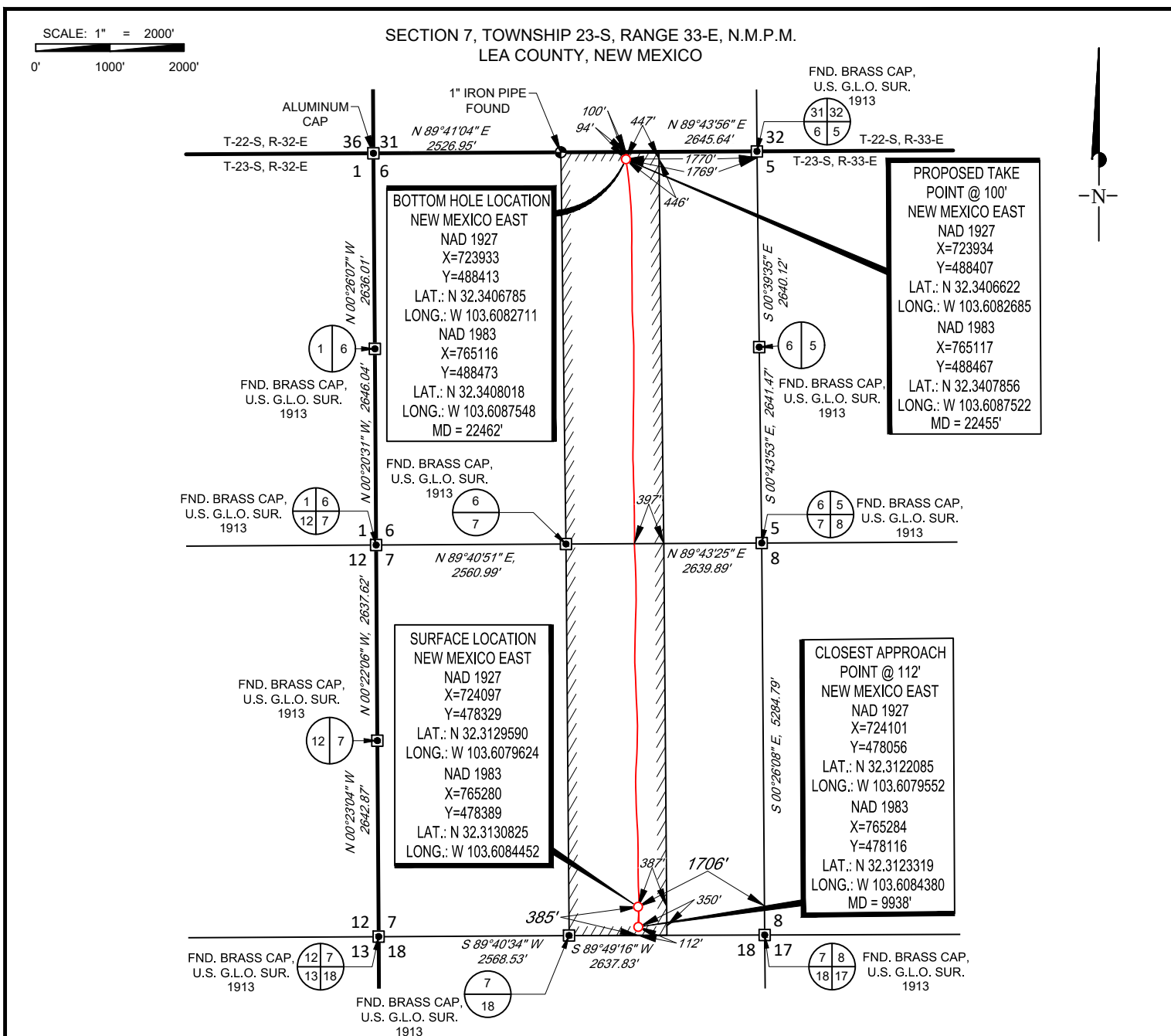
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	6	23-S	33-E	-	94'	NORTH	1770'	EAST	LEA

¹² Dedicated Acres 320.04	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

¹⁶ 		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date 01/25/2021 Printed Name Brett Jennings E-mail Address Brett.Jennings@matadorresources.com
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief. 08/14/2020 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____		



LEASE NAME & WELL NO.: RODNEY ROBINSON FED COM 203H
 SECTION 7 TWP 23-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3718'
 DESCRIPTION 1706' FEL & 385' FSL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

**INTERNAL
PRE-COMPLETION
PLAT**

Angel M. Baeza, P.S. No. 25116
 JANUARY 22, 2021

**RODNEY ROBINSON
FED COM 203H
PRE-COMPLETION**

REVISION:

INT	DATE

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.

DATE: 01/18/2021

FILE: C:\RODNEY_ROBINSON_FED_COM_203H

DRAWN BY: EAH

SHEET: 1 OF 1



3335 Pollok Drive
Conroe, Texas 77303
936.442.2500 (office)
www.msdir.com

MS Directional LLC Survey Data Certification

MS Directional LLC Job Number: MSMO-78856
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Rodney Robinson Fed Com 203H
Location: Lea, New Mexico
API Number: 30-025-47351
Tie In Depth: 0.00
Surveyed Depths: 181.00' - 14193.00'
Projected TD Survey: 14250.00'
Dates Performed: 09/21/2020 - 10/25/2020

To the best of my knowledge, I certify the following:

1. The data is true, correct and complete and within the limitations of the tool set forth by MS Directional LLC
2. I am authorized and qualified to make this report; and
3. I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Directional LLC

MWD Surveyor Name: Jason Fulton

MWD Operations Manager: Charles Davis

Signature:

A handwritten signature in black ink, appearing to read "CWD", with a stylized flourish at the end.

Date:

11/10/2020

Email:

charles.davis@msdir.com



Matador Resources
Lea County, New Mexico (NAD 27)
30-025-47351
Rodney Robinson Fed Com 203H
Wellbore 1

MS MWD
Certified Survey Report
10 November 2020



Field			
Lea County, New Mexico (NAD 27) - Matador Resources			
CRS	US-SPC27-EXACT / New Mexico East 3001		
Apply Scale Factor	NO		
System Datum	Mean Sea Level		
Scale Factor	0.9999090909		
Depth Datum->MSL	3745.49 UsFt		

Well			
Rodney Robinson Fed Com 203H			
Local North	18.00 UsFt	Local East	24.00 UsFt
Map Northing	478329.00 US survey foot	Map Easting	724097.00 US survey foot
Latitude	32° 18' 46.64937" N	Longitude	103° 36' 28.66026" W
Depth Datum	WELL	Datum Elevation	3745.50 UsFt
GL Elevation	3717.00 UsFt		
Grid Convergence	0.388		

Well bore			
Rodney Robinson Fed Com 203H - Wellbore 1			
Magnetic Model	User defined	Date	30/09/2020
Total Field (nT)	47848.50	Dip Angle (°)	60.000
Declination (°)	6.550		
VS Origin	User Defined	VS Azimuth	359.42
VS Origin NS	0.00 UsFt	VS Origin EW	0.00 UsFt

Survey Program			
MS MWD			
Depth From (UsFt)	Depth To (UsFt)	Survey	Survey Tool
0.00	14250.00	MS MWD	MWD+HRGM

Survey Report									
MD	Inc	Azi	TVD	NS	EW	VS	DLS	BR	TR
UsFt	°	°	UsFt	UsFt	UsFt	UsFt	(°/100 UsFt)	(°/100 UsFt)	(°/100 UsFt)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
181.00	0.40	99.10	181.00	-0.10	0.62	-0.11	0.22	0.22	54.75
334.00	0.50	86.20	333.99	-0.14	1.82	-0.16	0.09	0.07	-8.43
493.00	1.50	91.20	492.97	-0.14	4.59	-0.18	0.63	0.63	3.14
683.00	0.30	102.00	682.94	-0.29	7.56	-0.37	0.64	-0.63	5.68
874.00	0.20	88.20	873.94	-0.39	8.39	-0.47	0.06	-0.05	-7.23
1064.00	0.10	178.40	1063.94	-0.54	8.72	-0.63	0.12	-0.05	47.47
1254.00	0.10	168.90	1253.94	-0.87	8.76	-0.96	0.01	0.00	-5.00
1330.00	0.20	224.70	1329.94	-1.03	8.68	-1.12	0.22	0.13	73.42
1433.00	0.20	248.60	1432.94	-1.22	8.38	-1.31	0.08	0.00	23.20
1624.00	3.20	192.00	1623.83	-6.56	6.96	-6.63	1.62	1.57	-29.63
1813.00	3.20	191.30	1812.54	-16.89	4.83	-16.94	0.02	0.00	-0.37
2002.00	4.30	183.30	2001.13	-29.14	3.39	-29.17	0.64	0.58	-4.23
2191.00	4.60	177.70	2189.56	-43.79	3.29	-43.82	0.28	0.16	-2.96
2380.00	5.20	171.70	2377.87	-59.84	4.83	-59.88	0.42	0.32	-3.17
2569.00	5.40	175.50	2566.07	-77.18	6.76	-77.24	0.21	0.11	2.01
2757.00	5.10	162.70	2753.28	-93.97	9.94	-94.07	0.64	-0.16	-6.81
2946.00	4.40	183.50	2941.65	-109.23	12.00	-109.35	0.98	-0.37	11.01
3136.00	4.20	183.50	3131.11	-123.45	11.13	-123.56	0.11	-0.11	0.00
3324.00	4.20	181.30	3318.61	-137.21	10.55	-137.31	0.09	0.00	-1.17
3514.00	3.80	180.20	3508.14	-150.46	10.37	-150.55	0.21	-0.21	-0.58
3703.00	3.90	178.80	3696.72	-163.15	10.49	-163.24	0.07	0.05	-0.74
3893.00	4.00	183.10	3886.27	-176.22	10.26	-176.32	0.16	0.05	2.26
4081.00	4.10	178.30	4073.80	-189.49	10.11	-189.58	0.19	0.05	-2.55
4271.00	4.70	156.30	4263.25	-203.41	13.44	-203.53	0.94	0.32	-11.58
4460.00	4.90	162.30	4451.59	-218.19	19.00	-218.37	0.29	0.11	3.17
4649.00	6.70	146.80	4639.63	-235.10	27.50	-235.37	1.25	0.95	-8.20
4838.00	4.70	156.40	4827.69	-251.43	36.63	-251.79	1.17	-1.06	5.08
5026.00	1.80	203.70	5015.39	-261.19	38.53	-261.57	1.98	-1.54	25.16
5215.00	0.70	206.60	5204.34	-264.94	36.82	-265.30	0.58	-0.58	1.53
5405.00	0.40	216.00	5394.33	-266.52	35.91	-266.87	0.16	-0.16	4.95
5593.00	0.40	216.10	5582.33	-267.58	35.14	-267.92	0.00	0.00	0.05
5782.00	0.40	248.80	5771.32	-268.35	34.14	-268.68	0.12	0.00	17.30
5971.00	0.40	274.10	5960.32	-268.54	32.86	-268.86	0.09	0.00	13.39
6159.00	0.30	284.90	6148.32	-268.37	31.73	-268.68	0.06	-0.05	5.74
6348.00	0.40	274.80	6337.31	-268.19	30.60	-268.48	0.06	0.05	-5.34
6536.00	0.30	293.60	6525.31	-267.93	29.49	-268.22	0.08	-0.05	10.00
6725.00	0.30	285.30	6714.31	-267.61	28.56	-267.88	0.02	0.00	-4.39
6914.00	0.20	249.90	6903.30	-267.59	27.77	-267.86	0.09	-0.05	-18.73
7103.00	0.10	245.20	7092.30	-267.77	27.32	-268.03	0.05	-0.05	-2.49
7292.00	0.30	359.90	7281.30	-267.35	27.16	-267.61	0.19	0.11	60.69
7481.00	0.20	291.30	7470.30	-266.73	26.86	-266.99	0.16	-0.05	-36.30
7670.00	0.20	294.80	7659.30	-266.47	26.25	-266.72	0.01	0.00	1.85
7859.00	0.10	310.50	7848.30	-266.23	25.82	-266.47	0.06	-0.05	8.31
8048.00	0.30	277.30	8037.30	-266.06	25.21	-266.30	0.12	0.11	-17.57
8237.00	0.40	243.60	8226.29	-266.29	24.13	-266.52	0.12	0.05	-17.83
8426.00	0.50	252.00	8415.29	-266.84	22.75	-267.05	0.06	0.05	4.44
8615.00	0.50	257.40	8604.28	-267.27	21.16	-267.47	0.02	0.00	2.86
8804.00	0.80	239.60	8793.27	-268.12	19.22	-268.30	0.19	0.16	-9.42
8993.00	0.90	252.50	8982.25	-269.23	16.67	-269.39	0.11	0.05	6.83
9182.00	0.80	251.70	9171.23	-270.09	14.00	-270.22	0.05	-0.05	-0.42



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
9372.00	0.90	243.80	9361.21	-271.17	11.40	-271.27	0.08	0.05	-4.16
9561.00	0.30	296.20	9550.20	-271.60	9.62	-271.69	0.40	-0.32	27.72
9750.00	1.40	248.70	9739.17	-272.22	7.03	-272.28	0.64	0.58	-25.13
9938.00	0.50	272.30	9927.15	-273.03	4.07	-273.05	0.51	-0.48	12.55
10127.00	0.60	342.80	10116.14	-272.05	2.95	-272.06	0.34	0.05	37.30
10317.00	0.40	316.20	10306.13	-270.62	2.20	-270.63	0.16	-0.11	-14.00
10411.00	0.30	253.80	10400.13	-270.45	1.74	-270.45	0.40	-0.11	-66.38
10506.00	0.50	349.20	10495.13	-270.11	1.42	-270.11	0.64	0.21	100.42
10600.00	0.90	358.60	10589.12	-268.97	1.32	-268.97	0.44	0.43	10.00
10695.00	0.50	11.70	10684.12	-267.82	1.39	-267.82	0.45	-0.42	13.79
10790.00	0.80	63.60	10779.11	-267.12	2.07	-267.13	0.66	0.32	54.63
10884.00	0.90	99.20	10873.10	-266.95	3.38	-266.97	0.56	0.11	37.87
10979.00	0.70	67.30	10968.09	-266.84	4.66	-266.87	0.51	-0.21	-33.58
11073.00	0.80	18.80	11062.08	-266.00	5.40	-266.04	0.66	0.11	-51.60
11168.00	0.90	340.50	11157.08	-264.67	5.36	-264.71	0.60	0.11	40.32
11262.00	0.50	338.50	11251.07	-263.59	4.97	-263.63	0.43	-0.43	-2.13
11356.00	0.50	342.30	11345.06	-262.82	4.69	-262.85	0.04	0.00	4.04
11445.00	0.60	318.10	11434.06	-262.10	4.26	-262.13	0.28	0.11	-27.19
11528.00	0.70	249.40	11517.06	-261.96	3.50	-261.98	0.89	0.12	-82.77
11587.00	1.20	209.50	11576.05	-262.62	2.86	-262.64	1.36	0.85	-67.63
11681.00	3.70	195.10	11669.96	-266.41	1.58	-266.41	2.72	2.66	-15.32
11775.00	4.00	210.70	11763.75	-272.15	-0.88	-272.13	1.16	0.32	16.60
11870.00	2.70	236.80	11858.59	-276.23	-4.45	-276.17	2.08	-1.37	27.47
11964.00	0.10	320.30	11952.55	-277.38	-6.35	-277.30	2.86	-2.77	88.83
12058.00	0.90	12.70	12046.55	-276.59	-6.24	-276.52	0.90	0.85	55.74
12153.00	1.30	359.80	12141.53	-274.79	-6.08	-274.71	0.49	0.42	13.58
12247.00	1.10	327.40	12235.51	-272.96	-6.57	-272.88	0.74	-0.21	-34.47
12342.00	1.50	289.20	12330.49	-271.78	-8.24	-271.69	0.98	0.42	-40.21
12437.00	1.10	327.20	12425.46	-270.61	-9.91	-270.49	0.98	-0.42	40.00
12531.00	1.00	57.70	12519.45	-269.41	-9.70	-269.30	1.59	-0.11	96.28
12626.00	0.50	62.50	12614.45	-268.78	-8.63	-268.68	0.53	-0.53	5.05
12721.00	0.40	54.10	12709.44	-268.39	-8.00	-268.30	0.13	-0.11	-8.84
12815.00	0.40	107.10	12803.44	-268.30	-7.42	-268.21	0.38	0.00	56.38
12909.00	0.60	137.70	12897.44	-268.76	-6.77	-268.67	0.35	0.21	32.55
13004.00	0.30	118.00	12992.43	-269.24	-6.22	-269.16	0.35	-0.32	-20.74
13099.00	0.90	192.50	13087.43	-270.09	-6.16	-270.01	0.92	0.63	78.42
13194.00	1.50	309.30	13182.42	-270.03	-7.28	-269.94	2.18	0.63	122.95
13288.00	1.40	296.30	13276.39	-268.74	-9.27	-268.63	0.36	-0.11	-13.83
13383.00	1.30	279.10	13371.36	-268.05	-11.37	-267.93	0.44	-0.11	-18.11
13477.00	0.90	115.70	13465.36	-268.21	-11.76	-268.07	2.32	-0.43	-173.83
13572.00	0.80	139.40	13560.35	-269.03	-10.65	-268.91	0.38	-0.11	24.95
13667.00	0.80	158.30	13655.34	-270.15	-9.98	-270.04	0.28	0.00	19.89
13761.00	0.80	174.50	13749.33	-271.42	-9.67	-271.30	0.24	0.00	17.23
13855.00	1.00	189.90	13843.32	-272.88	-9.75	-272.76	0.33	0.21	16.38
13950.00	1.00	208.00	13938.30	-274.43	-10.28	-274.31	0.33	0.00	19.05
14044.00	1.20	205.60	14032.28	-276.04	-11.09	-275.91	0.22	0.21	-2.55
14139.00	1.20	208.70	14127.26	-277.81	-12.00	-277.67	0.07	0.00	3.26
14193.00	1.20	215.40	14181.25	-278.76	-12.60	-278.62	0.26	0.00	12.41
14250.00	1.20	215.40	14238.24	-279.74	-13.29	-279.59	0.00	0.00	0.00 PTB



3335 Pollok Drive
Conroe, Texas 77303
936.442.2500 (office)
www.msdir.com

MS Directional LLC Survey Data Certification

MS Directional LLC Job Number: MSMO-78856
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Rodney Robinson Fed Com 203H
Location: Lea, New Mexico
API Number: 30-025-47351
Tie In Depth: 11528.00
Surveyed Depths: 11587.00' - 22300.00'
Projected TD Survey: 22462.00'
Dates Performed: 09/21/2020 - 11/08/2020

To the best of my knowledge, I certify the following:

1. The data is true, correct and complete and within the limitations of the tool set forth by MS Directional LLC
2. I am authorized and qualified to make this report; and
3. I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Directional LLC

MWD Surveyor Name: Jason Fulton

MWD Operations Manager: Charles Davis

Signature:

A handwritten signature in black ink, appearing to read "CWD", followed by a stylized flourish.

Date: 11/10/2020

Email: charles.davis@msdir.com



Matador Resources
Lea County, New Mexico (NAD 27)
30-025-47351
Rodney Robinson Fed Com 203H
Wellbore 2

MS MWD (SDTRK)
Certified Survey Report
10 November 2020



Field	Lea County, New Mexico (NAD 27) - Matador Resources		
CRS	US-SPC27-EXACT / New Mexico East 3001		
Apply Scale Factor	NO		
System Datum	Mean Sea Level		
Scale Factor	0.9999090909		
Depth Datum->MSL	3745.49 UsFt		

Well	Rodney Robinson Fed Com 203H		
Local North	18.00 UsFt		
Map Northing	478329.00 US survey foot		
Latitude	32° 18' 46.64937" N		
Depth Datum	WELL		
GL Elevation	3717.00 UsFt		
Grid Convergence	0.388		
Local East	24.00 UsFt		
Map Easting	724097.00 US survey foot		
Longitude	103° 36' 28.66026" W		
Datum Elevation	3745.50 UsFt		

Well bore	Rodney Robinson Fed Com 203H - Wellbore 2		
Magnetic Model	User defined		
Total Field (nT)	47848.50		
Declination (°)	6.550		
VS Origin	User Defined		
VS Origin NS	0.00 UsFt		
Date	30/09/2020		
Dip Angle (°)	60.000		
VS Azimuth	359.42		
VS Origin EW	0.00 UsFt		

Survey Program	MS MWD (SDTRK)		
Depth From (UsFt)	0.00	Depth To (UsFt)	11528.00
11587.00	22462.00	Survey	MS MWD
		MS MWD (SDTRK)	
		Survey Tool	MWD+HRGM
		MWD+HRGM	

Survey Report									
MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
11528.00	0.70	249.40	11517.06	-261.95	3.50	-261.97	0.00	0.00	0.00 Tie In
11587.00	1.20	209.50	11576.05	-262.61	2.86	-262.63	1.36	0.85	-67.63
11676.00	1.10	225.90	11665.03	-264.02	1.79	-264.02	0.38	-0.11	18.43
11773.00	7.80	7.00	11761.76	-258.12	1.92	-258.13	8.95	6.91	145.46
11869.00	10.10	354.70	11856.60	-243.27	1.94	-243.28	3.10	2.40	12.81
11963.00	23.40	1.20	11946.41	-216.28	1.56	-216.29	14.27	14.15	6.91
12059.00	33.70	5.00	12030.63	-170.56	4.29	-170.60	10.89	10.73	3.96
12155.00	37.50	3.20	12108.68	-114.84	8.25	-114.91	4.11	3.96	-1.88
12250.00	43.60	1.90	12180.83	-53.17	10.95	-53.27	6.48	6.42	-1.37
12346.00	50.10	1.90	12246.45	16.80	13.27	16.66	6.77	6.77	0.00
12440.00	63.30	358.20	12297.96	95.17	13.15	95.03	14.42	14.04	3.94
12534.00	70.20	356.80	12335.04	181.39	9.35	181.29	7.47	7.34	-1.49
12629.00	73.80	358.10	12364.39	271.64	5.34	271.57	4.01	3.79	1.37
12723.00	79.70	358.20	12385.93	363.05	2.39	363.01	6.28	6.28	0.11
12818.00	85.90	0.20	12397.83	457.24	1.09	457.20	6.85	6.53	2.11
12912.00	85.30	0.10	12405.04	550.96	1.33	550.92	0.65	-0.64	-0.11
13007.00	84.20	359.90	12413.74	645.56	1.33	645.51	1.18	-1.16	0.21
13102.00	86.80	359.80	12421.19	740.26	1.09	740.21	2.74	2.74	-0.11
13197.00	89.70	359.40	12424.09	835.20	0.42	835.16	3.08	3.05	-0.42
13291.00	89.30	358.00	12424.91	929.17	-1.71	929.14	1.55	-0.43	-1.49
13385.00	88.80	356.80	12426.47	1023.06	-5.97	1023.07	1.38	-0.53	-1.28
13480.00	88.30	355.90	12428.87	1117.84	-12.02	1117.90	1.08	-0.53	-0.95
13574.00	88.80	357.60	12431.25	1211.65	-17.34	1211.77	1.88	0.53	1.81
13669.00	88.80	356.80	12433.24	1306.52	-21.98	1306.67	0.84	0.00	-0.84
13764.00	89.10	359.10	12435.06	1401.43	-25.38	1401.62	2.43	0.21	2.42
13858.00	89.30	358.80	12436.46	1495.41	-27.10	1495.60	0.45	0.32	-0.32
13953.00	89.30	357.50	12437.62	1590.35	-30.17	1590.57	1.37	0.00	-1.37
14048.00	88.50	0.90	12439.44	1685.31	-31.50	1685.54	3.68	-0.84	3.58
14142.00	89.20	0.10	12441.33	1779.28	-30.68	1779.50	1.13	0.74	-0.85
14237.00	89.50	4.00	12442.41	1874.20	-27.28	1874.38	4.12	0.32	4.11
14331.00	90.50	3.80	12442.41	1967.98	-20.89	1968.09	1.08	1.06	-0.21
14426.00	91.00	2.50	12441.17	2062.82	-15.67	2062.88	1.47	0.53	-1.37
14520.00	91.10	1.70	12439.44	2156.74	-12.22	2156.76	0.86	0.11	-0.85
14615.00	91.40	0.90	12437.37	2251.70	-10.07	2251.68	0.90	0.32	-0.84
14709.00	89.50	1.60	12436.63	2345.67	-8.02	2345.63	2.15	-2.02	0.74
14804.00	89.70	359.50	12437.30	2440.65	-7.11	2440.60	2.22	0.21	2.21
14899.00	87.50	357.60	12439.62	2535.58	-9.51	2535.55	3.06	-2.32	-2.00
14993.00	87.80	357.60	12443.47	2629.42	-13.44	2629.42	0.32	0.32	0.00
15088.00	88.80	356.20	12446.29	2724.24	-18.58	2724.29	1.81	1.05	-1.47
15183.00	88.00	358.10	12448.94	2819.08	-23.30	2819.17	2.17	-0.84	2.00
15277.00	88.70	358.40	12451.65	2913.00	-26.17	2913.11	0.81	0.74	0.32
15372.00	89.30	357.50	12453.31	3007.92	-29.56	3008.06	1.14	0.63	-0.95
15466.00	87.30	357.30	12456.10	3101.78	-33.83	3101.96	2.14	-2.13	-0.21
15561.00	87.40	356.20	12460.49	3196.52	-39.21	3196.75	1.16	0.11	-1.16
15656.00	85.40	358.70	12466.45	3291.23	-43.43	3291.50	3.37	-2.11	2.63
15751.00	86.90	0.60	12472.83	3386.00	-44.00	3386.28	2.54	1.58	2.00
15845.00	91.80	1.50	12473.90	3479.95	-42.28	3480.20	5.30	5.21	0.96
15940.00	92.90	1.30	12470.00	3574.84	-39.96	3575.06	1.18	1.16	-0.21
16034.00	93.60	1.20	12464.67	3668.67	-37.92	3668.86	0.75	0.74	-0.11
16129.00	94.90	1.60	12457.63	3763.38	-35.60	3763.54	1.43	1.37	0.42



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
16224.00	92.60	1.80	12451.42	3858.12	-32.79	3858.26	2.43	-2.42	0.21
16318.00	93.10	1.90	12446.75	3951.96	-29.76	3952.06	0.54	0.53	0.11
16413.00	93.70	2.50	12441.11	4046.72	-26.12	4046.78	0.89	0.63	0.63
16508.00	92.80	358.90	12435.73	4141.54	-24.96	4141.59	3.90	-0.95	3.79
16603.00	94.00	359.20	12430.09	4236.36	-26.53	4236.41	1.30	1.26	0.32
16697.00	91.90	359.40	12425.25	4330.23	-27.68	4330.28	2.24	-2.23	0.21
16792.00	91.30	358.60	12422.60	4425.17	-29.34	4425.24	1.05	-0.63	-0.84
16886.00	91.90	358.30	12419.98	4519.10	-31.88	4519.19	0.71	0.64	-0.32
16981.00	92.00	357.20	12416.74	4613.97	-35.61	4614.10	1.16	0.11	-1.16
17075.00	93.20	356.90	12412.48	4707.75	-40.44	4707.92	1.32	1.28	-0.32
17169.00	92.30	356.90	12407.97	4801.50	-45.52	4801.72	0.96	-0.96	0.00
17264.00	92.80	0.40	12403.74	4896.37	-47.75	4896.60	3.72	0.53	3.68
17359.00	92.80	0.20	12399.10	4991.25	-47.26	4991.47	0.21	0.00	-0.21
17453.00	92.90	359.70	12394.43	5085.14	-47.34	5085.35	0.54	0.11	0.53
17547.00	94.30	359.80	12388.53	5178.95	-47.75	5179.16	1.49	1.49	0.11
17642.00	95.00	359.50	12380.82	5273.63	-48.33	5273.85	0.80	0.74	-0.32
17736.00	95.60	359.10	12372.14	5367.22	-49.47	5367.45	0.77	0.64	-0.43
17830.00	94.90	358.60	12363.54	5460.81	-51.35	5461.05	0.91	-0.74	-0.53
17925.00	91.80	358.30	12357.99	5555.60	-53.91	5555.86	3.28	-3.26	-0.32
18019.00	92.30	358.40	12354.63	5649.50	-56.62	5649.78	0.54	0.53	0.11
18114.00	93.70	358.20	12349.66	5744.33	-59.43	5744.63	1.49	1.47	-0.21
18209.00	92.00	358.90	12344.93	5839.17	-61.83	5839.50	1.93	-1.79	0.74
18303.00	92.80	358.10	12341.00	5933.06	-64.29	5933.40	1.20	0.85	-0.85
18398.00	92.50	357.50	12336.60	6027.89	-67.93	6028.26	0.71	-0.32	-0.63
18493.00	92.80	1.20	12332.21	6122.76	-69.01	6123.15	3.90	0.32	3.89
18587.00	93.60	1.10	12326.96	6216.59	-67.13	6216.96	0.86	0.85	-0.11
18682.00	93.80	0.50	12320.83	6311.39	-65.80	6311.73	0.66	0.21	-0.63
18776.00	93.90	0.80	12314.52	6405.17	-64.74	6405.50	0.34	0.11	0.32
18871.00	93.50	0.40	12308.39	6499.97	-63.75	6500.28	0.59	-0.42	-0.42
18966.00	94.80	0.80	12301.51	6594.71	-62.75	6595.01	1.43	1.37	0.42
19061.00	93.90	0.60	12294.31	6689.43	-61.60	6689.71	0.97	-0.95	-0.21
19156.00	96.40	1.10	12285.78	6784.03	-60.19	6784.29	2.68	2.63	0.53
19250.00	93.30	1.50	12277.84	6877.65	-58.07	6877.89	3.33	-3.30	0.43
19345.00	88.90	0.40	12276.01	6972.60	-56.50	6972.81	4.77	-4.63	-1.16
19440.00	89.60	359.80	12277.26	7067.59	-56.33	7067.80	0.97	0.74	0.63
19535.00	89.40	359.60	12278.08	7162.58	-56.83	7162.79	0.30	-0.21	-0.21
19629.00	89.70	359.90	12278.82	7256.58	-57.24	7256.79	0.45	0.32	0.32
19724.00	90.10	0.60	12278.99	7351.58	-56.82	7351.78	0.85	0.42	0.74
19818.00	89.70	359.90	12279.15	7445.58	-56.41	7445.77	0.86	-0.43	0.74
19912.00	90.30	359.20	12279.15	7539.57	-57.15	7539.76	0.98	0.64	-0.74
19937.00	90.40	358.80	12279.00	7564.57	-57.59	7564.76	1.65	0.40	-1.60
20032.00	91.20	358.20	12277.67	7659.52	-60.07	7659.74	1.05	0.84	-0.63
20126.00	91.00	357.20	12275.87	7753.43	-63.85	7753.68	1.08	-0.21	-1.06
20221.00	91.30	356.10	12273.96	7848.25	-69.40	7848.55	1.20	0.32	-1.16
20315.00	91.40	358.10	12271.75	7942.10	-74.15	7942.44	2.13	0.11	2.13
20409.00	91.60	357.40	12269.29	8035.99	-77.84	8036.37	0.77	0.21	-0.74
20504.00	89.80	0.80	12268.13	8130.95	-79.33	8131.34	4.05	-1.89	3.58
20598.00	89.50	0.10	12268.70	8224.95	-78.59	8225.32	0.81	-0.32	-0.74
20693.00	89.30	358.40	12269.69	8319.93	-79.84	8320.31	1.80	-0.21	1.79
20788.00	91.10	1.20	12269.36	8414.92	-80.17	8415.30	3.50	1.89	2.95
20882.00	90.90	359.60	12267.72	8508.90	-79.51	8509.27	1.72	-0.21	1.70
20977.00	91.10	358.10	12266.06	8603.86	-81.42	8604.24	1.59	0.21	-1.58
21071.00	91.50	0.30	12263.93	8697.82	-82.73	8698.21	2.38	0.43	2.34
21166.00	91.20	358.30	12261.69	8792.78	-83.89	8793.18	2.13	-0.32	2.11
21260.00	92.40	0.60	12258.74	8886.72	-84.79	8887.13	2.76	1.28	2.45
21355.00	92.40	0.50	12254.76	8981.64	-83.88	8982.03	0.11	0.00	-0.11
21449.00	92.20	359.70	12250.99	9075.56	-83.72	9075.94	0.88	-0.21	0.85
21544.00	92.00	358.80	12247.51	9170.49	-84.96	9170.88	0.97	-0.21	-0.95
21638.00	91.60	358.60	12244.56	9264.42	-87.09	9264.82	0.48	-0.43	-0.21
21733.00	92.40	357.60	12241.24	9359.30	-90.24	9359.74	1.35	0.84	-1.05
21827.00	92.10	356.50	12237.55	9453.11	-95.07	9453.58	1.21	-0.32	-1.17
22016.00	91.70	354.70	12231.28	9641.44	-109.56	9642.05	0.98	-0.21	-0.95
22111.00	92.00	354.60	12228.22	9735.97	-118.42	9736.67	0.33	0.32	-0.11
22205.00	92.50	353.20	12224.53	9829.37	-128.40	9830.16	1.58	0.53	-1.49
22300.00	92.50	351.80	12220.38	9923.46	-140.79	9924.38	1.47	0.00	-1.47
22462.00	92.50	351.80	12213.32	10083.65	-163.87	10084.80	0.00	0.00	0.00 PTB

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 18352

CONDITIONS OF APPROVAL

Operator: MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500	One Lincoln Centre Dallas, TX75240	OGRID: 228937	Action Number: 18352	Action Type: C-104C
OCD Reviewer plmartinez	Condition None			