

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240		² OGRID Number 228937
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-47340	⁵ Pool Name WC-025 G-09 S203521N; WOLFCAMP	⁶ Pool Code 98346
⁷ Property Code 326210	⁸ Property Name Uncle Ches 2116 Fed Com	⁹ Well Number 127H

II. ¹⁰ Surface Location

UL or lot no. P	Section 21	Township 20S	Range 35E	Lot Idn -	Feet from the 410	North/South Line South	Feet from the 567	East/West line East	County LEA
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¹¹ Bottom Hole Location

UL or lot no. B	Section 16	Township 20S	Range 35E	Lot Idn -	Feet from the 46	North/South line North	Feet from the 1680	East/West line East	County LEA
¹² Lse Code F	¹³ Producing Method F Code	¹⁴ Gas Connection Date 03/19/21	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

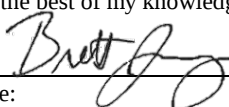
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing, L.P. 17304 Preston Rd, Ste 140 Dallas,TX 75252	O
159160	Versado Gas Processors, LLC 1000 Louisiana St, 4700 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 11/19/2020	²² Ready Date 03/19/2021	²³ TD 21,040 MD/10,564 TVD	²⁴ PBTD 20936 MD /10565 TVD	²⁵ Perforations 10834 - 20893 MD 10616-10577 TVD	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
20		13 3/8	2038		2200
12 1/4		9 5/8	6031 Stage Tool 4214		3046
8 3/4		5 1/2	21025		2690

V. Well Test Data

³¹ Date New Oil 03/19/2021	³² Gas Delivery Date 03/19/2021	³³ Test Date 03/26/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 550
³⁷ Choke Size 38/64	³⁸ Oil 1120	³⁹ Water 1905	⁴⁰ Gas 584		⁴¹ Test Method Flow

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: <i>PATRICIA MARTINEZ</i>	
Title: Regulatory Analyst		Title: <i>PETROLEUM SPECIALIST</i>	
E-mail Address: Brett.Jennings@matadorresources.com		Approval Date: <i>9/9/2021</i>	
Date: 08/30/21	Phone: 972-629-2160		

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 30-025-47340	² Pool Code 24250	³ Pool Name FEATHERSTONE; BONE SPRING
⁴ Property Code 326210	⁵ Property Name UNCLE CHES 2116 FED COM	⁶ Well Number 127H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3705'

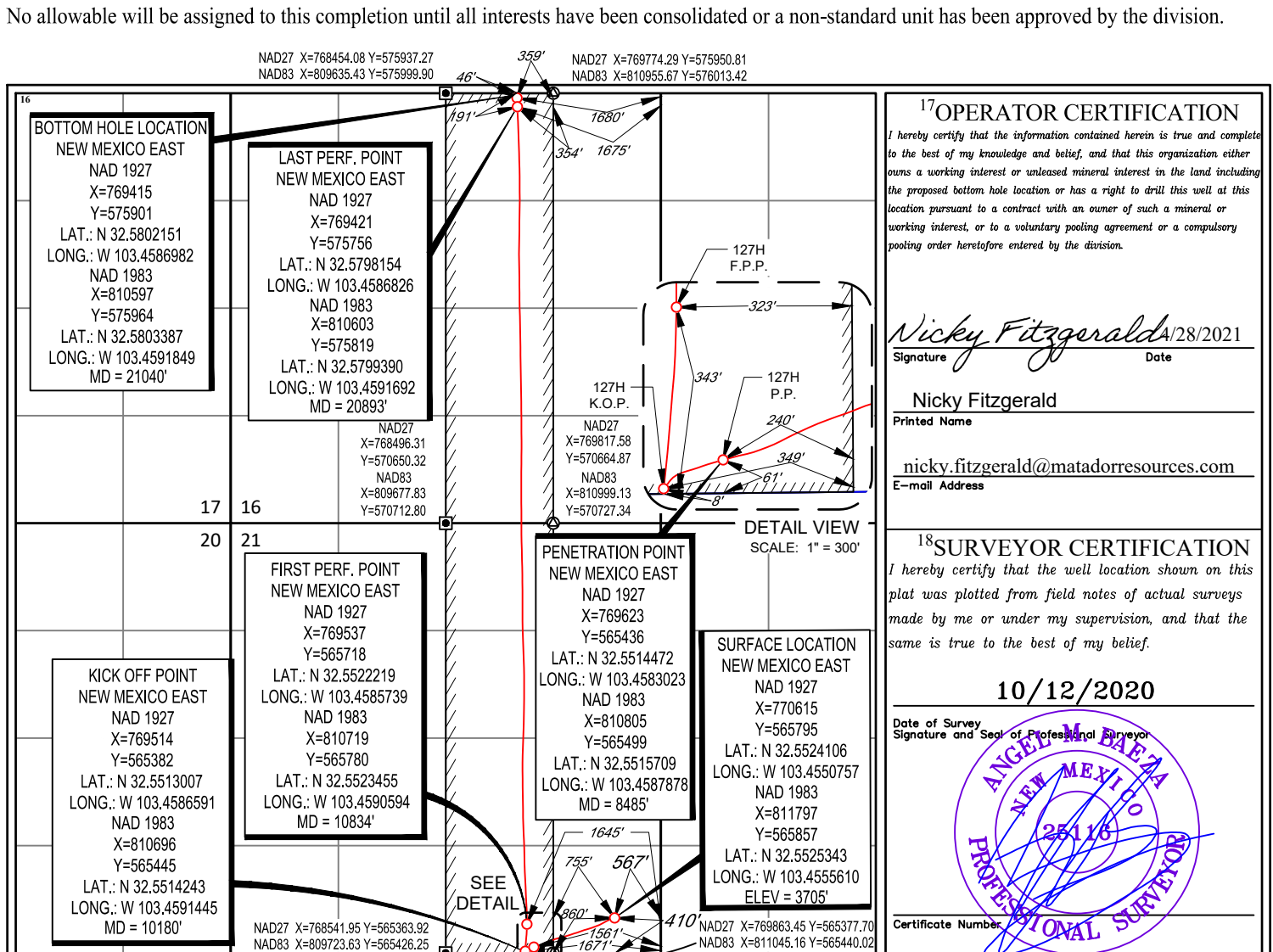
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	20-S	35-E	-	410'	SOUTH	567'	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
B	16	20-S	35-E	-	46'	NORTH	1680'	EAST	LEA

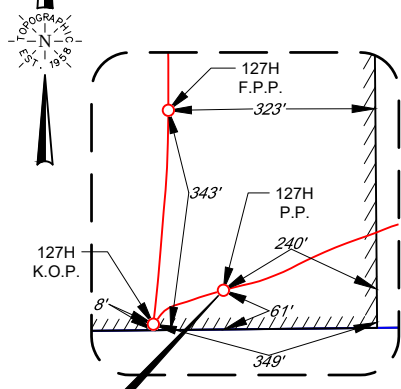
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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SECTION 21, TOWNSHIP 20-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

0' 1000' 2000'



**PENETRATION POINT
NEW MEXICO EAST**
NAD 1927
X=769623
Y=565436
LAT.: N 32.5514472
LONG.: W 103.4583023
NAD 1983
X=810805
Y=565499
LAT.: N 32.5515709
LONG.: W 103.4587878
MD = 8485'

DETAIL VIEW
SCALE: 1" = 300'

**KICK OFF POINT
NEW MEXICO EAST**
NAD 1927
X=769514
Y=565382
LAT.: N 32.5513007
LONG.: W 103.4586591
NAD 1983
X=810696
Y=565445
LAT.: N 32.5514243
LONG.: W 103.4591445
MD = 10180'

**FIRST PERF. POINT
NEW MEXICO EAST**
NAD 1927
X=769537
Y=565718
LAT.: N 32.5522219
LONG.: W 103.4585739
NAD 1983
X=810719
Y=565780
LAT.: N 32.5523455
LONG.: W 103.4590594
MD = 10834'

**BOTTOM HOLE LOCATION
NEW MEXICO EAST**
NAD 1927
X=769415
Y=575901
LAT.: N 32.5802151
LONG.: W 103.4586982
NAD 1983
X=810597
Y=575964
LAT.: N 32.5803387
LONG.: W 103.4591849
MD = 21040'

BLM PERF POINT
X=810674
Y=568077
LAT.: N 32.5586596
LONG.: W 103.4591433
MD=13144'

BLM PERF POINT
X=810685
Y=566757
LAT.: N 32.5550308
LONG.: W 103.4591440
MD=11823'

**LAST PERF. POINT
NEW MEXICO EAST**
NAD 1927
X=769421
Y=575756
LAT.: N 32.5798154
LONG.: W 103.4586826
NAD 1983
X=810603
Y=575819
LAT.: N 32.5799390
LONG.: W 103.4591692
MD = 20893'

BLM PERF POINT
X=810652
Y=570724
LAT.: N 32.5659343
LONG.: W 103.4591454
MD=15794'

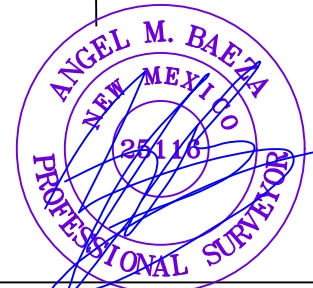
**SURFACE LOCATION
NEW MEXICO EAST**
NAD 1927
X=770615
Y=565795
LAT.: N 32.5524106
LONG.: W 103.4550757
NAD 1983
X=811797
Y=565857
LAT.: N 32.5525343
LONG.: W 103.4555610
ELEV = 3705'

LEASE NAME & WELL NO.: UNCLE CHES 2116 FED COM 127H
SECTION 21 TWP 20-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3705'
DESCRIPTION 410' FSL & 567' FEL



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



Angel Baeza, P.S. No. 25116
APRIL 19, 2021

UNCLE CHES 2116 FED COM
127H
AS-DRILLED
DATE: 04/19/21
AD_UNCLE_CHES_2116_FED_COM_127H
DRAWN BY: GJU
SHEET: 2 OF 2

REVISION:

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. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



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-79689
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Uncle Ches 2116 Fed Com 127H
Location: Lea, New Mexico
API Number: 30-025-47340
Tie In Depth: 0.00
Surveyed Depths: 178.00' - 20982.00'
Projected TD Survey: 21040.00'
Dates Performed: 11/18/2020 - 01/06/2021

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: Mark Gibson

MWD Operations Manager: Charles Davis

Signature:

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

Date: 01/15/2021

Email: charles.davis@msdir.com



Matador Resources
Lea County, New Mexico (NAD 27)
30-025-47340
Uncle Ches 2116 Fed Com 127H
Wellbore 1

MS MWD
Certified Survey Report
15 January 2021



Field	Lea County, New Mexico (NAD 27) - Matador Resources		
CRS	US-SPC27-EXACT / New Mexico East 3001		
Apply Scale Factor	NO	Scale Factor	0.9999090909
System Datum	Mean Sea Level	Depth Datum->MSL	3733.49 UsFt

Well	Uncle Ches 2116 Fed Com 127H		
Local North	-0.00 UsFt	Local East	-0.00 UsFt
Map Northing	565810.00 US survey foot	Map Easting	770578.00 US survey foot
Latitude	32° 33' 8.82863" N	Longitude	103° 27' 18.70122" W
Depth Datum	WELL	Datum Elevation	3733.50 UsFt
GL Elevation	3705.00 UsFt		
Grid Convergence	0.473		

Well bore	Uncle Ches 2116 Fed Com 127H - Wellbore 1		
Magnetic Model	User defined	Date	15/11/2020
Total Field (nT)	47896.30	Dip Angle (°)	60.400
Declination (°)	6.400		
VS Origin	User Defined	VS Azimuth	359.51
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	21040.00	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
178.00	0.50	82.60	178.00	0.10	0.77	0.09	0.28	0.28	46.40
335.00	1.10	103.10	334.98	-0.15	2.92	-0.18	0.42	0.38	13.06
524.00	1.10	106.40	523.95	-1.08	6.42	-1.13	0.03	0.00	1.75
687.00	0.60	47.80	686.93	-0.95	8.56	-1.02	0.58	-0.31	-35.95
875.00	1.10	16.20	874.91	1.45	9.79	1.37	0.36	0.27	-16.81
1062.00	0.60	281.90	1061.90	3.37	9.33	3.29	0.69	-0.27	50.43
1250.00	2.70	262.10	1249.81	2.97	3.98	2.93	1.14	1.12	-10.53
1438.00	6.70	253.00	1437.14	-0.85	-10.90	-0.75	2.16	2.13	-4.94
1629.00	10.40	247.50	1625.99	-10.71	-37.49	-10.39	1.98	1.94	-2.88
1820.00	11.60	246.70	1813.48	-24.90	-71.05	-24.29	0.63	0.63	-0.42
1986.00	12.80	241.60	1975.73	-40.25	-102.56	-39.37	0.97	0.72	-3.07
2100.00	12.50	239.20	2086.96	-52.57	-124.27	-51.51	0.53	-0.26	-2.11
2292.00	10.20	243.40	2275.20	-70.83	-157.32	-69.48	1.27	-1.20	2.19
2483.00	8.90	246.20	2463.55	-84.36	-185.96	-82.77	0.72	-0.68	1.47
2674.00	8.30	248.00	2652.40	-95.49	-212.26	-93.67	0.34	-0.31	0.94
2864.00	7.90	249.80	2840.50	-105.13	-237.23	-103.10	0.25	-0.21	0.95
3055.00	7.50	250.10	3029.78	-113.91	-261.27	-111.67	0.21	-0.21	0.16
3246.00	6.60	251.70	3219.34	-121.60	-283.41	-119.17	0.48	-0.47	0.84
3436.00	6.30	252.20	3408.13	-128.21	-303.71	-125.61	0.16	-0.16	0.26
3627.00	6.60	254.00	3597.92	-134.44	-324.24	-131.67	0.19	0.16	0.94
3817.00	7.90	253.30	3786.40	-141.21	-347.24	-138.23	0.69	0.68	-0.37
4008.00	7.70	252.10	3975.63	-148.91	-371.99	-145.72	0.14	-0.10	-0.63
4199.00	7.70	251.00	4164.91	-157.01	-396.26	-153.61	0.08	0.00	-0.58
4390.00	7.30	250.70	4354.28	-165.19	-419.81	-161.59	0.21	-0.21	-0.16
4581.00	7.20	250.30	4543.75	-173.23	-442.54	-169.44	0.06	-0.05	-0.21
4772.00	7.90	252.80	4733.09	-181.15	-466.34	-177.15	0.40	0.37	1.31
4963.00	7.60	253.30	4922.35	-188.66	-490.98	-184.45	0.16	-0.16	0.26
5154.00	8.70	250.80	5111.42	-197.04	-516.72	-192.61	0.60	0.58	-1.31
5345.00	8.50	251.10	5300.27	-206.36	-543.72	-201.70	0.11	-0.10	0.16
5536.00	8.40	252.60	5489.20	-215.11	-570.38	-210.22	0.13	-0.05	0.79
5728.00	8.20	254.70	5679.19	-222.91	-596.97	-217.80	0.19	-0.10	1.09
5918.00	7.90	254.80	5867.31	-229.91	-622.64	-224.58	0.16	-0.16	0.05
5976.00	7.70	254.20	5924.78	-232.01	-630.23	-226.62	0.37	-0.34	-1.03
6116.00	7.30	254.80	6063.58	-236.90	-647.84	-231.35	0.29	-0.29	0.43
6211.00	9.20	255.10	6157.59	-240.44	-661.00	-234.77	2.00	2.00	0.32
6307.00	9.30	256.10	6252.34	-244.27	-675.95	-238.48	0.20	0.10	1.04
6402.00	8.70	254.30	6346.17	-248.06	-690.32	-242.15	0.70	-0.63	-1.89
6497.00	8.40	253.60	6440.12	-251.96	-703.89	-245.94	0.33	-0.32	-0.74
6593.00	7.40	258.30	6535.21	-255.20	-716.67	-249.06	1.24	-1.04	4.90
6688.00	8.30	249.00	6629.32	-258.90	-729.06	-252.65	1.64	0.95	-9.79
6784.00	8.10	247.90	6724.34	-263.92	-741.80	-257.57	0.26	-0.21	-1.15
6879.00	7.20	247.50	6818.49	-268.72	-753.50	-262.27	0.95	-0.95	-0.42
6975.00	8.20	251.70	6913.62	-273.17	-765.56	-266.61	1.19	1.04	4.38
7070.00	11.40	250.70	7007.23	-278.40	-780.86	-271.72	3.37	3.37	-1.05
7165.00	11.80	249.30	7100.29	-284.94	-798.80	-278.10	0.51	0.42	-1.47
7260.00	11.00	248.30	7193.41	-291.73	-816.31	-284.73	0.87	-0.84	-1.05
7356.00	10.50	245.50	7287.73	-298.74	-832.78	-291.61	0.75	-0.52	-2.92
7451.00	9.60	245.90	7381.27	-305.56	-847.89	-298.30	0.95	-0.95	0.42
7547.00	8.90	244.30	7476.02	-312.05	-861.89	-304.67	0.78	-0.73	-1.67
7642.00	8.10	242.80	7569.98	-318.30	-874.46	-310.81	0.87	-0.84	-1.58



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
7737.00	7.50	241.50	7664.10	-324.32	-885.86	-316.73	0.66	-0.63	-1.37
7833.00	8.50	246.80	7759.16	-330.10	-897.89	-322.41	1.29	1.04	5.52
7928.00	8.30	248.90	7853.14	-335.34	-910.74	-327.53	0.39	-0.21	2.21
8024.00	8.00	249.30	7948.17	-340.19	-923.46	-332.28	0.32	-0.31	0.42
8119.00	7.40	251.70	8042.32	-344.45	-935.45	-336.44	0.72	-0.63	2.53
8215.00	7.80	258.20	8137.47	-347.72	-947.70	-339.61	0.99	0.42	6.77
8311.00	9.90	257.10	8232.33	-350.90	-962.12	-342.66	2.19	2.19	-1.15
8406.00	10.40	254.60	8325.84	-355.00	-978.35	-346.62	0.70	0.53	-2.63
8502.00	9.30	253.90	8420.42	-359.45	-994.15	-350.93	1.15	-1.15	-0.73
8597.00	8.30	254.00	8514.30	-363.47	-1008.12	-354.83	1.05	-1.05	0.11
8693.00	6.40	253.90	8609.51	-366.86	-1019.92	-358.13	1.98	-1.98	-0.10
8789.00	4.90	249.60	8705.04	-369.78	-1028.91	-360.96	1.62	-1.56	-4.48
8884.00	6.70	250.40	8799.55	-373.05	-1037.93	-364.16	1.90	1.89	0.84
8980.00	6.20	253.30	8894.94	-376.42	-1048.17	-367.44	0.62	-0.52	3.02
9076.00	6.50	254.20	8990.36	-379.39	-1058.36	-370.32	0.33	0.31	0.94
9171.00	6.10	249.80	9084.78	-382.59	-1068.28	-373.44	0.66	-0.42	-4.63
9266.00	5.00	241.40	9179.34	-386.32	-1076.65	-377.10	1.44	-1.16	-8.84
9362.00	4.70	231.00	9274.99	-390.80	-1083.38	-381.52	0.97	-0.31	-10.83
9457.00	4.10	217.20	9369.72	-395.95	-1088.46	-386.63	1.28	-0.63	-14.53
9553.00	1.60	216.20	9465.59	-399.77	-1091.32	-390.42	2.60	-2.60	-1.04
9648.00	1.70	216.20	9560.55	-401.97	-1092.94	-392.61	0.11	0.11	0.00
9744.00	1.80	214.40	9656.51	-404.37	-1094.63	-394.99	0.12	0.10	-1.88
9839.00	1.50	214.80	9751.47	-406.62	-1096.18	-397.23	0.32	-0.32	0.42
9965.00	1.50	213.40	9877.42	-409.35	-1098.03	-399.95	0.03	0.00	-1.11
10060.00	1.60	218.30	9972.39	-411.43	-1099.54	-402.01	0.17	0.11	5.16
10156.00	1.20	208.10	10068.36	-413.37	-1100.84	-403.94	0.49	-0.42	-10.63
10204.00	3.30	7.10	10116.34	-412.44	-1100.91	-403.01	9.25	4.38	331.25
10251.00	9.00	7.10	10163.05	-407.45	-1100.29	-398.02	12.13	12.13	0.00
10347.00	17.40	5.90	10256.43	-385.68	-1097.88	-376.27	8.75	8.75	-1.25
10442.00	31.00	5.70	10342.88	-347.02	-1093.97	-337.65	14.32	14.32	-0.21
10538.00	35.70	4.40	10423.05	-294.47	-1089.36	-285.14	4.95	4.90	-1.35
10633.00	42.20	4.60	10496.89	-234.96	-1084.67	-225.68	6.84	6.84	0.21
10681.00	45.90	5.50	10531.38	-201.72	-1081.73	-192.47	7.82	7.71	1.88
10728.00	50.80	1.80	10562.61	-166.70	-1079.54	-157.46	11.97	10.43	-7.87
10776.00	55.80	1.90	10591.29	-128.24	-1078.29	-119.02	10.42	10.42	0.21
10824.00	61.80	0.60	10616.15	-87.22	-1077.41	-78.00	12.71	12.50	-2.71
10872.00	68.40	359.60	10636.34	-43.70	-1077.35	-34.49	13.88	13.75	2.08
10919.00	71.80	0.00	10652.34	0.48	-1077.50	9.70	7.28	7.23	0.85
11015.00	74.80	358.10	10679.93	92.41	-1079.04	101.63	3.65	3.13	1.98
11111.00	85.70	355.90	10696.16	186.74	-1084.01	196.00	11.58	11.35	-2.29
11206.00	90.20	357.70	10699.56	281.50	-1089.31	290.81	5.10	4.74	1.89
11302.00	90.70	357.80	10698.80	377.43	-1093.07	386.76	0.53	0.52	0.10
11397.00	90.80	356.90	10697.56	472.32	-1097.47	481.68	0.95	0.11	-0.95
11492.00	90.70	356.60	10696.32	567.15	-1102.85	576.57	0.33	-0.11	-0.32
11588.00	91.50	359.30	10694.47	663.07	-1106.29	672.50	2.93	0.83	2.81
11683.00	91.50	358.90	10691.99	758.02	-1107.78	767.47	0.42	0.00	-0.42
11779.00	91.30	358.40	10689.64	853.97	-1110.04	863.43	0.56	-0.21	-0.52
11874.00	91.10	357.90	10687.65	948.90	-1113.10	958.38	0.57	-0.21	-0.53
11969.00	91.00	357.40	10685.91	1043.80	-1117.00	1053.31	0.54	-0.11	-0.53
12065.00	90.70	357.30	10684.49	1139.69	-1121.44	1149.23	0.33	-0.31	-0.10
12160.00	90.80	359.50	10683.24	1234.63	-1124.09	1244.20	2.32	0.11	2.32
12256.00	90.70	359.50	10681.99	1330.62	-1124.93	1340.19	0.10	-0.10	0.00
12351.00	90.70	358.70	10680.83	1425.60	-1126.42	1435.18	0.84	0.00	-0.84
12447.00	90.80	358.80	10679.57	1521.57	-1128.51	1531.17	0.15	0.10	0.10
12542.00	90.10	0.60	10678.82	1616.56	-1129.01	1626.16	2.03	-0.74	1.89
12638.00	90.80	359.50	10678.07	1712.56	-1128.93	1722.15	1.36	0.73	1.15
12733.00	90.90	358.80	10676.66	1807.54	-1130.34	1817.14	0.74	0.11	-0.74
12828.00	90.50	0.60	10675.50	1902.52	-1130.83	1912.13	1.94	-0.42	1.89
12924.00	90.80	1.30	10674.41	1998.50	-1129.24	2008.09	0.79	0.31	0.73
13019.00	89.40	1.90	10674.25	2093.46	-1126.59	2103.02	1.60	-1.47	0.63
13115.00	89.30	2.20	10675.33	2189.40	-1123.16	2198.92	0.33	-0.10	0.31
13211.00	90.10	1.80	10675.84	2285.34	-1119.80	2294.83	0.93	0.83	-0.42
13306.00	87.10	1.70	10678.16	2380.25	-1116.90	2389.72	3.16	-3.16	-0.11
13402.00	87.20	1.30	10682.93	2476.10	-1114.40	2485.54	0.43	0.10	-0.42
13497.00	88.40	0.80	10686.58	2571.01	-1112.66	2580.43	1.37	1.26	-0.53
13616.00	88.10	0.60	10690.21	2689.95	-1111.20	2699.35	0.30	-0.25	-0.17
13712.00	88.00	0.30	10693.48	2785.89	-1110.45	2795.28	0.33	-0.10	-0.31
13807.00	87.20	359.50	10697.46	2880.80	-1110.61	2890.20	1.19	-0.84	0.84
13903.00	87.10	359.20	10702.23	2976.68	-1111.70	2986.08	0.33	-0.10	-0.31
13999.00	86.60	358.90	10707.51	3072.52	-1113.29	3081.93	0.61	-0.52	-0.31
14094.00	86.30	358.40	10713.39	3167.31	-1115.53	3176.74	0.61	-0.32	-0.53
14190.00	86.20	357.80	10719.67	3263.05	-1118.70	3272.50	0.63	-0.10	-0.63
14285.00	86.00	357.50	10726.13	3357.75	-1122.59	3367.23	0.38	-0.21	-0.32
14381.00	88.90	357.70	10730.40	3453.56	-1126.60	3463.07	3.03	3.02	0.21
14476.00	90.60	358.00	10730.81	3548.49	-1130.17	3558.03	1.82	1.79	0.32
14572.00	89.10	0.20	10731.06	3644.47	-1131.67	3654.02	2.77	-1.56	2.29
14667.00	88.50	0.10	10733.05	3739.45	-1131.43	3748.99	0.64	-0.63	-0.11
14763.00	89.60	359.90	10734.65	3835.44	-1131.43	3844.97	1.16	1.15	0.21



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
14859.00	88.40	359.90	10736.32	3931.42	-1131.59	3940.95	1.25	-1.25	0.00
14954.00	88.40	359.70	10738.97	4026.38	-1131.92	4035.91	0.21	0.00	-0.21
15050.00	88.60	359.60	10741.49	4122.35	-1132.51	4131.88	0.23	0.21	-0.10
15145.00	88.30	359.10	10744.06	4217.30	-1133.59	4226.85	0.61	-0.32	-0.53
15241.00	90.10	359.10	10745.40	4313.28	-1135.10	4322.83	1.88	1.88	0.00
15335.00	92.20	358.60	10743.51	4407.24	-1136.98	4416.80	2.30	2.23	-0.53
15450.00	93.20	358.50	10738.09	4522.07	-1139.89	4531.65	0.87	0.87	-0.09
15546.00	94.00	358.20	10732.06	4617.84	-1142.65	4627.44	0.89	0.83	-0.31
15641.00	92.40	359.90	10726.76	4712.67	-1144.22	4722.29	2.46	-1.68	1.79
15737.00	92.60	0.00	10722.57	4808.58	-1144.30	4818.19	0.23	0.21	0.10
15832.00	93.50	359.60	10717.52	4903.44	-1144.63	4913.05	1.04	0.95	0.42
15928.00	91.00	359.90	10713.75	4999.36	-1145.05	5008.97	2.62	-2.60	0.31
16024.00	89.40	359.70	10713.42	5095.36	-1145.39	5104.97	1.68	-1.67	-0.21
16119.00	91.50	359.80	10712.67	5190.35	-1145.80	5199.96	2.21	2.21	0.11
16215.00	93.10	0.10	10708.82	5286.27	-1145.89	5295.87	1.70	1.67	0.31
16311.00	93.40	0.30	10703.37	5382.11	-1145.55	5391.71	0.38	0.31	0.21
16407.00	94.40	359.90	10696.85	5477.89	-1145.38	5487.48	1.12	1.04	0.42
16502.00	92.20	0.70	10691.38	5572.72	-1144.89	5582.31	2.46	-2.32	0.84
16598.00	92.50	0.40	10687.44	5668.64	-1143.97	5678.21	0.44	0.31	-0.31
16694.00	93.00	0.30	10682.83	5764.53	-1143.38	5774.09	0.53	0.52	-0.10
16790.00	93.00	359.90	10677.81	5860.39	-1143.21	5869.96	0.42	0.00	0.42
16886.00	93.10	359.60	10672.70	5956.26	-1143.63	5965.82	0.33	0.10	-0.31
16982.00	94.00	359.50	10666.76	6052.07	-1144.38	6061.63	0.94	0.94	-0.10
17077.00	92.20	359.80	10661.62	6146.92	-1144.96	6156.49	1.92	-1.89	0.32
17173.00	92.50	359.40	10657.68	6242.84	-1145.63	6252.41	0.52	0.31	-0.42
17269.00	93.30	359.60	10652.83	6338.71	-1146.47	6348.29	0.86	0.83	0.21
17364.00	91.10	359.40	10649.18	6433.63	-1147.30	6443.21	2.33	-2.32	-0.21
17460.00	91.30	359.00	10647.17	6529.60	-1148.64	6539.19	0.47	0.21	-0.42
17556.00	91.70	359.00	10644.66	6625.56	-1150.31	6635.15	0.42	0.42	0.00
17652.00	92.20	358.80	10641.39	6721.48	-1152.15	6731.09	0.56	0.52	-0.21
17747.00	92.90	358.90	10637.16	6816.37	-1154.06	6825.99	0.74	0.74	0.11
17843.00	90.70	359.40	10634.15	6912.30	-1155.48	6921.93	2.35	-2.29	0.52
17939.00	90.60	359.50	10633.06	7008.29	-1156.40	7017.93	0.15	-0.10	0.10
18034.00	90.50	359.00	10632.15	7103.28	-1157.65	7112.92	0.54	-0.11	-0.53
18130.00	91.70	358.90	10630.31	7199.24	-1159.41	7208.90	1.25	1.25	-0.10
18226.00	91.90	358.80	10627.29	7295.18	-1161.33	7304.84	0.23	0.21	-0.10
18322.00	92.80	358.50	10623.35	7391.07	-1163.59	7400.75	0.99	0.94	-0.31
18417.00	93.70	358.40	10617.97	7485.88	-1166.16	7495.58	0.95	0.95	-0.11
18513.00	91.60	0.20	10613.53	7581.76	-1167.33	7591.47	2.88	-2.19	1.87
18608.00	90.80	359.70	10611.54	7676.74	-1167.41	7686.44	0.99	-0.84	0.53
18704.00	89.90	358.70	10610.95	7772.73	-1168.75	7782.44	1.40	-0.94	-1.04
18799.00	90.70	359.50	10610.46	7867.71	-1170.24	7877.43	1.19	0.84	0.84
18895.00	91.30	359.20	10608.78	7963.69	-1171.33	7973.42	0.70	0.63	-0.31
18990.00	90.80	358.40	10607.04	8058.65	-1173.32	8068.39	0.99	-0.53	-0.84
19086.00	92.90	0.60	10603.94	8154.59	-1174.16	8164.33	3.17	2.19	2.29
19181.00	93.10	1.00	10598.97	8249.45	-1172.83	8259.18	0.47	0.21	0.42
19277.00	93.10	0.70	10593.78	8345.30	-1171.41	8355.01	0.31	0.00	-0.31
19372.00	93.70	0.90	10588.14	8440.12	-1170.09	8449.82	0.67	0.63	0.21
19468.00	91.30	0.70	10583.96	8536.01	-1168.75	8545.70	2.51	-2.50	-0.21
19563.00	92.20	1.00	10581.05	8630.96	-1167.34	8640.62	1.00	0.95	0.32
19659.00	93.20	0.80	10576.53	8726.84	-1165.83	8736.49	1.06	1.04	-0.21
19754.00	88.90	0.00	10574.79	8821.80	-1165.17	8831.44	4.60	-4.53	-0.84
19849.00	89.10	359.80	10576.45	8916.78	-1165.34	8926.42	0.30	0.21	0.21
19945.00	89.40	359.60	10577.71	9012.77	-1165.84	9022.41	0.38	0.31	-0.21
20040.00	90.50	359.20	10577.79	9107.76	-1166.83	9117.41	1.23	1.16	-0.42
20136.00	89.90	358.80	10577.45	9203.75	-1168.51	9213.40	0.75	-0.63	-0.42
20232.00	89.50	358.50	10577.96	9299.72	-1170.77	9309.39	0.52	-0.42	-0.31
20327.00	89.30	358.50	10578.95	9394.68	-1173.26	9404.37	0.21	-0.21	0.00
20423.00	90.10	358.20	10579.45	9490.64	-1176.02	9500.35	0.89	0.83	-0.31
20519.00	89.40	358.00	10579.87	9586.59	-1179.21	9596.32	0.76	-0.73	-0.21
20615.00	89.50	357.80	10580.79	9682.52	-1182.72	9692.28	0.23	0.10	-0.21
20710.00	91.00	357.40	10580.38	9777.43	-1186.70	9787.22	1.63	1.58	-0.42
20806.00	93.00	358.00	10577.03	9873.29	-1190.55	9883.11	2.17	2.08	0.63
20901.00	93.60	357.90	10571.56	9968.07	-1193.94	9977.92	0.64	0.63	-0.11
20982.00	94.40	357.50	10565.91	10048.81	-1197.19	10058.68	1.10	0.99	-0.49
21040.00	94.40	357.50	10561.46	10106.58	-1199.71	10116.47	0.00	0.00	0.00 PTB



Matador Resources
Lea County, New Mexico (NAD 27)
30-025-47340
Uncle Ches 2116 Fed Com 127H
Wellbore 1

MS MWD
Certified Survey Report
15 January 2021



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	3733.49 UsFt		

Well	Uncle Ches 2116 Fed Com 127H		
Local North	-0.00 UsFt		
Map Northing	565810.00 US survey foot		
Latitude	32° 33' 8.82863" N		
Depth Datum	WELL		
GL Elevation	3705.00 UsFt		
Grid Convergence	0.473		
Local East	-0.00 UsFt		
Map Easting	770578.00 US survey foot		
Longitude	103° 27' 18.70122" W		
Datum Elevation	3733.50 UsFt		

Well bore	Uncle Ches 2116 Fed Com 127H - Wellbore 1		
Magnetic Model	User defined		
Total Field (nT)	47896.30		
Declination (°)	6.400		
VS Origin	User Defined		
VS Origin NS	0.00 UsFt		
Date	15/11/2020		
Dip Angle (°)	60.400		
VS Azimuth	359.51		
VS Origin EW	0.00 UsFt		

Survey Program	MS MWD		
Depth From (UsFt)	0.00	Depth To (UsFt)	21040.00
Survey	MS MWD		
Survey Tool	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
178.00	0.50	82.60	178.00	0.10	0.77	0.09	0.28	0.28	46.40
335.00	1.10	103.10	334.98	-0.15	2.92	-0.18	0.42	0.38	13.06
524.00	1.10	106.40	523.95	-1.08	6.42	-1.13	0.03	0.00	1.75
687.00	0.60	47.80	686.93	-0.95	8.56	-1.02	0.58	-0.31	-35.95
875.00	1.10	16.20	874.91	1.45	9.79	1.37	0.36	0.27	-16.81
1062.00	0.60	281.90	1061.90	3.37	9.33	3.29	0.69	-0.27	50.43
1250.00	2.70	262.10	1249.81	2.97	3.98	2.93	1.14	1.12	-10.53
1438.00	6.70	253.00	1437.14	-0.85	-10.90	-0.75	2.16	2.13	-4.94
1629.00	10.40	247.50	1625.99	-10.71	-37.49	-10.39	1.98	1.94	-2.88
1820.00	11.60	246.70	1813.48	-24.90	-71.05	-24.29	0.63	0.63	-0.42
1986.00	12.80	241.60	1975.73	-40.25	-102.56	-39.37	0.97	0.72	-3.07
2100.00	12.50	239.20	2086.96	-52.57	-124.27	-51.51	0.53	-0.26	-2.11
2292.00	10.20	243.40	2275.20	-70.83	-157.32	-69.48	1.27	-1.20	2.19
2483.00	8.90	246.20	2463.55	-84.36	-185.96	-82.77	0.72	-0.68	1.47
2674.00	8.30	248.00	2652.40	-95.49	-212.26	-93.67	0.34	-0.31	0.94
2864.00	7.90	249.80	2840.50	-105.13	-237.23	-103.10	0.25	-0.21	0.95
3055.00	7.50	250.10	3029.78	-113.91	-261.27	-111.67	0.21	-0.21	0.16
3246.00	6.60	251.70	3219.34	-121.60	-283.41	-119.17	0.48	-0.47	0.84
3436.00	6.30	252.20	3408.13	-128.21	-303.71	-125.61	0.16	-0.16	0.26
3627.00	6.60	254.00	3597.92	-134.44	-324.24	-131.67	0.19	0.16	0.94
3817.00	7.90	253.30	3786.40	-141.21	-347.24	-138.23	0.69	0.68	-0.37
4008.00	7.70	252.10	3975.63	-148.91	-371.99	-145.72	0.14	-0.10	-0.63
4199.00	7.70	251.00	4164.91	-157.01	-396.26	-153.61	0.08	0.00	-0.58
4390.00	7.30	250.70	4354.28	-165.19	-419.81	-161.59	0.21	-0.21	-0.16
4581.00	7.20	250.30	4543.75	-173.23	-442.54	-169.44	0.06	-0.05	-0.21
4772.00	7.90	252.80	4733.09	-181.15	-466.34	-177.15	0.40	0.37	1.31
4963.00	7.60	253.30	4922.35	-188.66	-490.98	-184.45	0.16	-0.16	0.26
5154.00	8.70	250.80	5111.42	-197.04	-516.72	-192.61	0.60	0.58	-1.31
5345.00	8.50	251.10	5300.27	-206.36	-543.72	-201.70	0.11	-0.10	0.16
5536.00	8.40	252.60	5489.20	-215.11	-570.38	-210.22	0.13	-0.05	0.79
5728.00	8.20	254.70	5679.19	-222.91	-596.97	-217.80	0.19	-0.10	1.09
5918.00	7.90	254.80	5867.31	-229.91	-622.64	-224.58	0.16	-0.16	0.05
5976.00	7.70	254.20	5924.78	-232.01	-630.23	-226.62	0.37	-0.34	-1.03
6116.00	7.30	254.80	6063.58	-236.90	-647.84	-231.35	0.29	-0.29	0.43
6211.00	9.20	255.10	6157.59	-240.44	-661.00	-234.77	2.00	2.00	0.32
6307.00	9.30	256.10	6252.34	-244.27	-675.95	-238.48	0.20	0.10	1.04
6402.00	8.70	254.30	6346.17	-248.06	-690.32	-242.15	0.70	-0.63	-1.89
6497.00	8.40	253.60	6440.12	-251.96	-703.89	-245.94	0.33	-0.32	-0.74
6593.00	7.40	258.30	6535.21	-255.20	-716.67	-249.06	1.24	-1.04	4.90
6688.00	8.30	249.00	6629.32	-258.90	-729.06	-252.65	1.64	0.95	-9.79
6784.00	8.10	247.90	6724.34	-263.92	-741.80	-257.57	0.26	-0.21	-1.15
6879.00	7.20	247.50	6818.49	-268.72	-753.50	-262.27	0.95	-0.95	-0.42
6975.00	8.20	251.70	6913.62	-273.17	-765.56	-266.61	1.19	1.04	4.38
7070.00	11.40	250.70	7007.23	-278.40	-780.86	-271.72	3.37	3.37	-1.05
7165.00	11.80	249.30	7100.29	-284.94	-798.80	-278.10	0.51	0.42	-1.47
7260.00	11.00	248.30	7193.41	-291.73	-816.31	-284.73	0.87	-0.84	-1.05
7356.00	10.50	245.50	7287.73	-298.74	-832.78	-291.61	0.75	-0.52	-2.92
7451.00	9.60	245.90	7381.27	-305.56	-847.89	-298.30	0.95	-0.95	0.42
7547.00	8.90	244.30	7476.02	-312.05	-861.89	-304.67	0.78	-0.73	-1.67
7642.00	8.10	242.80	7569.98	-318.30	-874.46	-310.81	0.87	-0.84	-1.58



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
7737.00	7.50	241.50	7664.10	-324.32	-885.86	-316.73	0.66	-0.63	-1.37
7833.00	8.50	246.80	7759.16	-330.10	-897.89	-322.41	1.29	1.04	5.52
7928.00	8.30	248.90	7853.14	-335.34	-910.74	-327.53	0.39	-0.21	2.21
8024.00	8.00	249.30	7948.17	-340.19	-923.46	-332.28	0.32	-0.31	0.42
8119.00	7.40	251.70	8042.32	-344.45	-935.45	-336.44	0.72	-0.63	2.53
8215.00	7.80	258.20	8137.47	-347.72	-947.70	-339.61	0.99	0.42	6.77
8311.00	9.90	257.10	8232.33	-350.90	-962.12	-342.66	2.19	2.19	-1.15
8406.00	10.40	254.60	8325.84	-355.00	-978.35	-346.62	0.70	0.53	-2.63
8502.00	9.30	253.90	8420.42	-359.45	-994.15	-350.93	1.15	-1.15	-0.73
8597.00	8.30	254.00	8514.30	-363.47	-1008.12	-354.83	1.05	-1.05	0.11
8693.00	6.40	253.90	8609.51	-366.86	-1019.92	-358.13	1.98	-1.98	-0.10
8789.00	4.90	249.60	8705.04	-369.78	-1028.91	-360.96	1.62	-1.56	-4.48
8884.00	6.70	250.40	8799.55	-373.05	-1037.93	-364.16	1.90	1.89	0.84
8980.00	6.20	253.30	8894.94	-376.42	-1048.17	-367.44	0.62	-0.52	3.02
9076.00	6.50	254.20	8990.36	-379.39	-1058.36	-370.32	0.33	0.31	0.94
9171.00	6.10	249.80	9084.78	-382.59	-1068.28	-373.44	0.66	-0.42	-4.63
9266.00	5.00	241.40	9179.34	-386.32	-1076.65	-377.10	1.44	-1.16	-8.84
9362.00	4.70	231.00	9274.99	-390.80	-1083.38	-381.52	0.97	-0.31	-10.83
9457.00	4.10	217.20	9369.72	-395.95	-1088.46	-386.63	1.28	-0.63	-14.53
9553.00	1.60	216.20	9465.59	-399.77	-1091.32	-390.42	2.60	-2.60	-1.04
9648.00	1.70	216.20	9560.55	-401.97	-1092.94	-392.61	0.11	0.11	0.00
9744.00	1.80	214.40	9656.51	-404.37	-1094.63	-394.99	0.12	0.10	-1.88
9839.00	1.50	214.80	9751.47	-406.62	-1096.18	-397.23	0.32	-0.32	0.42
9965.00	1.50	213.40	9877.42	-409.35	-1098.03	-399.95	0.03	0.00	-1.11
10060.00	1.60	218.30	9972.39	-411.43	-1099.54	-402.01	0.17	0.11	5.16
10156.00	1.20	208.10	10068.36	-413.37	-1100.84	-403.94	0.49	-0.42	-10.63
10204.00	3.30	7.10	10116.34	-412.44	-1100.91	-403.01	9.25	4.38	331.25
10251.00	9.00	7.10	10163.05	-407.45	-1100.29	-398.02	12.13	12.13	0.00
10347.00	17.40	5.90	10256.43	-385.68	-1097.88	-376.27	8.75	8.75	-1.25
10442.00	31.00	5.70	10342.88	-347.02	-1093.97	-337.65	14.32	14.32	-0.21
10538.00	35.70	4.40	10423.05	-294.47	-1089.36	-285.14	4.95	4.90	-1.35
10633.00	42.20	4.60	10496.89	-234.96	-1084.67	-225.68	6.84	6.84	0.21
10681.00	45.90	5.50	10531.38	-201.72	-1081.73	-192.47	7.82	7.71	1.88
10728.00	50.80	1.80	10562.61	-166.70	-1079.54	-157.46	11.97	10.43	-7.87
10776.00	55.80	1.90	10591.29	-128.24	-1078.29	-119.02	10.42	10.42	0.21
10824.00	61.80	0.60	10616.15	-87.22	-1077.41	-78.00	12.71	12.50	-2.71
10872.00	68.40	359.60	10636.34	-43.70	-1077.35	-34.49	13.88	13.75	2.08
10919.00	71.80	0.00	10652.34	0.48	-1077.50	9.70	7.28	7.23	0.85
11015.00	74.80	358.10	10679.93	92.41	-1079.04	101.63	3.65	3.13	1.98
11111.00	85.70	355.90	10696.16	186.74	-1084.01	196.00	11.58	11.35	-2.29
11206.00	90.20	357.70	10699.56	281.50	-1089.31	290.81	5.10	4.74	1.89
11302.00	90.70	357.80	10698.80	377.43	-1093.07	386.76	0.53	0.52	0.10
11397.00	90.80	356.90	10697.56	472.32	-1097.47	481.68	0.95	0.11	-0.95
11492.00	90.70	356.60	10696.32	567.15	-1102.85	576.57	0.33	-0.11	-0.32
11588.00	91.50	359.30	10694.47	663.07	-1106.29	672.50	2.93	0.83	2.81
11683.00	91.50	358.90	10691.99	758.02	-1107.78	767.47	0.42	0.00	-0.42
11779.00	91.30	358.40	10689.64	853.97	-1110.04	863.43	0.56	-0.21	-0.52
11874.00	91.10	357.90	10687.65	948.90	-1113.10	958.38	0.57	-0.21	-0.53
11969.00	91.00	357.40	10685.91	1043.80	-1117.00	1053.31	0.54	-0.11	-0.53
12065.00	90.70	357.30	10684.49	1139.69	-1121.44	1149.23	0.33	-0.31	-0.10
12160.00	90.80	359.50	10683.24	1234.63	-1124.09	1244.20	2.32	0.11	2.32
12256.00	90.70	359.50	10681.99	1330.62	-1124.93	1340.19	0.10	-0.10	0.00
12351.00	90.70	358.70	10680.83	1425.60	-1126.42	1435.18	0.84	0.00	-0.84
12447.00	90.80	358.80	10679.57	1521.57	-1128.51	1531.17	0.15	0.10	0.10
12542.00	90.10	0.60	10678.82	1616.56	-1129.01	1626.16	2.03	-0.74	1.89
12638.00	90.80	359.50	10678.07	1712.56	-1128.93	1722.15	1.36	0.73	1.15
12733.00	90.90	358.80	10676.66	1807.54	-1130.34	1817.14	0.74	0.11	-0.74
12828.00	90.50	0.60	10675.50	1902.52	-1130.83	1912.13	1.94	-0.42	1.89
12924.00	90.80	1.30	10674.41	1998.50	-1129.24	2008.09	0.79	0.31	0.73
13019.00	89.40	1.90	10674.25	2093.46	-1126.59	2103.02	1.60	-1.47	0.63
13115.00	89.30	2.20	10675.33	2189.40	-1123.16	2198.92	0.33	-0.10	0.31
13211.00	90.10	1.80	10675.84	2285.34	-1119.80	2294.83	0.93	0.83	-0.42
13306.00	87.10	1.70	10678.16	2380.25	-1116.90	2389.72	3.16	-3.16	-0.11
13402.00	87.20	1.30	10682.93	2476.10	-1114.40	2485.54	0.43	0.10	-0.42
13497.00	88.40	0.80	10686.58	2571.01	-1112.66	2580.43	1.37	1.26	-0.53
13616.00	88.10	0.60	10690.21	2689.95	-1111.20	2699.35	0.30	-0.25	-0.17
13712.00	88.00	0.30	10693.48	2785.89	-1110.45	2795.28	0.33	-0.10	-0.31
13807.00	87.20	359.50	10697.46	2880.80	-1110.61	2890.20	1.19	-0.84	0.84
13903.00	87.10	359.20	10702.23	2976.68	-1111.70	2986.08	0.33	-0.10	-0.31
13999.00	86.60	358.90	10707.51	3072.52	-1113.29	3081.93	0.61	-0.52	-0.31
14094.00	86.30	358.40	10713.39	3167.31	-1115.53	3176.74	0.61	-0.32	-0.53
14190.00	86.20	357.80	10719.67	3263.05	-1118.70	3272.50	0.63	-0.10	-0.63
14285.00	86.00	357.50	10726.13	3357.75	-1122.59	3367.23	0.38	-0.21	-0.32
14381.00	88.90	357.70	10730.40	3453.56	-1126.60	3463.07	3.03	3.02	0.21
14476.00	90.60	358.00	10730.81	3548.49	-1130.17	3558.03	1.82	1.79	0.32
14572.00	89.10	0.20	10731.06	3644.47	-1131.67	3654.02	2.77	-1.56	2.29
14667.00	88.50	0.10	10733.05	3739.45	-1131.43	3748.99	0.64	-0.63	-0.11
14763.00	89.60	359.90	10734.65	3835.44	-1131.43	3844.97	1.16	1.15	0.21



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
14859.00	88.40	359.90	10736.32	3931.42	-1131.59	3940.95	1.25	-1.25	0.00
14954.00	88.40	359.70	10738.97	4026.38	-1131.92	4035.91	0.21	0.00	-0.21
15050.00	88.60	359.60	10741.49	4122.35	-1132.51	4131.88	0.23	0.21	-0.10
15145.00	88.30	359.10	10744.06	4217.30	-1133.59	4226.85	0.61	-0.32	-0.53
15241.00	90.10	359.10	10745.40	4313.28	-1135.10	4322.83	1.88	1.88	0.00
15335.00	92.20	358.60	10743.51	4407.24	-1136.98	4416.80	2.30	2.23	-0.53
15450.00	93.20	358.50	10738.09	4522.07	-1139.89	4531.65	0.87	0.87	-0.09
15546.00	94.00	358.20	10732.06	4617.84	-1142.65	4627.44	0.89	0.83	-0.31
15641.00	92.40	359.90	10726.76	4712.67	-1144.22	4722.29	2.46	-1.68	1.79
15737.00	92.60	0.00	10722.57	4808.58	-1144.30	4818.19	0.23	0.21	0.10
15832.00	93.50	359.60	10717.52	4903.44	-1144.63	4913.05	1.04	0.95	0.42
15928.00	91.00	359.90	10713.75	4999.36	-1145.05	5008.97	2.62	-2.60	0.31
16024.00	89.40	359.70	10713.42	5095.36	-1145.39	5104.97	1.68	-1.67	-0.21
16119.00	91.50	359.80	10712.67	5190.35	-1145.80	5199.96	2.21	2.21	0.11
16215.00	93.10	0.10	10708.82	5286.27	-1145.89	5295.87	1.70	1.67	0.31
16311.00	93.40	0.30	10703.37	5382.11	-1145.55	5391.71	0.38	0.31	0.21
16407.00	94.40	359.90	10696.85	5477.89	-1145.38	5487.48	1.12	1.04	0.42
16502.00	92.20	0.70	10691.38	5572.72	-1144.89	5582.31	2.46	-2.32	0.84
16598.00	92.50	0.40	10687.44	5668.64	-1143.97	5678.21	0.44	0.31	-0.31
16694.00	93.00	0.30	10682.83	5764.53	-1143.38	5774.09	0.53	0.52	-0.10
16790.00	93.00	359.90	10677.81	5860.39	-1143.21	5869.96	0.42	0.00	0.42
16886.00	93.10	359.60	10672.70	5956.26	-1143.63	5965.82	0.33	0.10	-0.31
16982.00	94.00	359.50	10666.76	6052.07	-1144.38	6061.63	0.94	0.94	-0.10
17077.00	92.20	359.80	10661.62	6146.92	-1144.96	6156.49	1.92	-1.89	0.32
17173.00	92.50	359.40	10657.68	6242.84	-1145.63	6252.41	0.52	0.31	-0.42
17269.00	93.30	359.60	10652.83	6338.71	-1146.47	6348.29	0.86	0.83	0.21
17364.00	91.10	359.40	10649.18	6433.63	-1147.30	6443.21	2.33	-2.32	-0.21
17460.00	91.30	359.00	10647.17	6529.60	-1148.64	6539.19	0.47	0.21	-0.42
17556.00	91.70	359.00	10644.66	6625.56	-1150.31	6635.15	0.42	0.42	0.00
17652.00	92.20	358.80	10641.39	6721.48	-1152.15	6731.09	0.56	0.52	-0.21
17747.00	92.90	358.90	10637.16	6816.37	-1154.06	6825.99	0.74	0.74	0.11
17843.00	90.70	359.40	10634.15	6912.30	-1155.48	6921.93	2.35	-2.29	0.52
17939.00	90.60	359.50	10633.06	7008.29	-1156.40	7017.93	0.15	-0.10	0.10
18034.00	90.50	359.00	10632.15	7103.28	-1157.65	7112.92	0.54	-0.11	-0.53
18130.00	91.70	358.90	10630.31	7199.24	-1159.41	7208.90	1.25	1.25	-0.10
18226.00	91.90	358.80	10627.29	7295.18	-1161.33	7304.84	0.23	0.21	-0.10
18322.00	92.80	358.50	10623.35	7391.07	-1163.59	7400.75	0.99	0.94	-0.31
18417.00	93.70	358.40	10617.97	7485.88	-1166.16	7495.58	0.95	0.95	-0.11
18513.00	91.60	0.20	10613.53	7581.76	-1167.33	7591.47	2.88	-2.19	1.87
18608.00	90.80	359.70	10611.54	7676.74	-1167.41	7686.44	0.99	-0.84	0.53
18704.00	89.90	358.70	10610.95	7772.73	-1168.75	7782.44	1.40	-0.94	-1.04
18799.00	90.70	359.50	10610.46	7867.71	-1170.24	7877.43	1.19	0.84	0.84
18895.00	91.30	359.20	10608.78	7963.69	-1171.33	7973.42	0.70	0.63	-0.31
18990.00	90.80	358.40	10607.04	8058.65	-1173.32	8068.39	0.99	-0.53	-0.84
19086.00	92.90	0.60	10603.94	8154.59	-1174.16	8164.33	3.17	2.19	2.29
19181.00	93.10	1.00	10598.97	8249.45	-1172.83	8259.18	0.47	0.21	0.42
19277.00	93.10	0.70	10593.78	8345.30	-1171.41	8355.01	0.31	0.00	-0.31
19372.00	93.70	0.90	10588.14	8440.12	-1170.09	8449.82	0.67	0.63	0.21
19468.00	91.30	0.70	10583.96	8536.01	-1168.75	8545.70	2.51	-2.50	-0.21
19563.00	92.20	1.00	10581.05	8630.96	-1167.34	8640.62	1.00	0.95	0.32
19659.00	93.20	0.80	10576.53	8726.84	-1165.83	8736.49	1.06	1.04	-0.21
19754.00	88.90	0.00	10574.79	8821.80	-1165.17	8831.44	4.60	-4.53	-0.84
19849.00	89.10	359.80	10576.45	8916.78	-1165.34	8926.42	0.30	0.21	0.21
19945.00	89.40	359.60	10577.71	9012.77	-1165.84	9022.41	0.38	0.31	-0.21
20040.00	90.50	359.20	10577.79	9107.76	-1166.83	9117.41	1.23	1.16	-0.42
20136.00	89.90	358.80	10577.45	9203.75	-1168.51	9213.40	0.75	-0.63	-0.42
20232.00	89.50	358.50	10577.96	9299.72	-1170.77	9309.39	0.52	-0.42	-0.31
20327.00	89.30	358.50	10578.95	9394.68	-1173.26	9404.37	0.21	-0.21	0.00
20423.00	90.10	358.20	10579.45	9490.64	-1176.02	9500.35	0.89	0.83	-0.31
20519.00	89.40	358.00	10579.87	9586.59	-1179.21	9596.32	0.76	-0.73	-0.21
20615.00	89.50	357.80	10580.79	9682.52	-1182.72	9692.28	0.23	0.10	-0.21
20710.00	91.00	357.40	10580.38	9777.43	-1186.70	9787.22	1.63	1.58	-0.42
20806.00	93.00	358.00	10577.03	9873.29	-1190.55	9883.11	2.17	2.08	0.63
20901.00	93.60	357.90	10571.56	9968.07	-1193.94	9977.92	0.64	0.63	-0.11
20982.00	94.40	357.50	10565.91	10048.81	-1197.19	10058.68	1.10	0.99	-0.49
21040.00	94.40	357.50	10561.46	10106.58	-1199.71	10116.47	0.00	0.00	0.00 PTB

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-47340		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Uncle Ches 2116 Fed Com		
								6. Well Number: 127H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator Matador Production Company						9. OGRID 228937				
10. Address of Operator 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240						11. Pool name or Wildcat FEATHERSTONE; BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	21	20S	35E		410	SOUTH	567	EAST	LEA
BH:	B	16	20S	35E		46	NORTH	1680	EAST	LEA
13. Date Spudded 11/19/2020	14. Date T.D. Reached 01/06/2021		15. Date Rig Released 01/09/2021		16. Date Completed (Ready to Produce) 3/19/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3703 GR		
18. Total Measured Depth of Well 21040			19. Plug Back Measured Depth 10,180 20936		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run MWD		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10834-20893										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		54.5		2038		20		2200		
9 5/8		40		6031		12 1/4		3046		
5 1/2		29		21025		8 3/4		2690		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE		DEPTH SET	
									PACKER SET	
26. Perforation record (interval, size, and number) 10,834-20,893, 45 stages, .4						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10834-20893		24962483 lbs propanat		
28. PRODUCTION										
Date First Production 05/03/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flow				Well Status (<i>Prod. or Shut-in</i>) PROD				
Date of Test 3/19/21	Hours Tested 24	Choke Size 38/64	Prod'n For Test Period	Oil - Bbl 1120	Gas - MCF 584	Water - Bbl. 1905	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 550	Calculated 24-Hour Rate	Oil - Bbl. 1120	Gas - MCF 584	Water - Bbl. 1905	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold								30. Test Witnessed By		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date: 01/09/2021		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature		Printed Name		Title		Regulatory Analyst		Date		08/30/21
E-mail Address		Brett.Jennings@matadorresources.com								

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1967	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt 2339	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3594	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 3963	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 4203	T. Devonian	T. Cliff House	T. Leadville
T. Queen 5121	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8403	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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

ACKNOWLEDGMENTS

Action 45268

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 45268
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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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 45268

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 45268
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/9/2021