

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 - 025-44520	⁵ Pool Name FEATHERSTONE; BONE SPRING	⁶ Pool Code 24250
⁷ Property Code 326210	⁸ Property Name Uncle Ches Federal	⁹ Well Number 128H

II. ¹⁰ Surface Location

UL or lot no. P	Section 21	Township 20S	Range 35E	Lot Idn	Feet from the 398	North/South Line South	Feet from the 539	East/West line East	County LEA
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¹¹ Bottom Hole Location

UL or lot no. A	Section 16	Township 20S	Range 35E	Lot Idn	Feet from the 67	North/South line North	Feet from the 351	East/West line East	County LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 03/19/2021	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

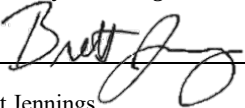
III. Oil and Gas Transporters

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 11/22/2020	²² Ready Date 03/19/2021	²³ TD 20870 MD/10568 TVD	²⁴ PBTD 20,769MD/10579TVD	²⁵ Perforations 10790 - 20723MD 10594-10576TVD	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	stage tool @4228 6030		3990
8 3/4		5 1/2	20855		3230

V. Well Test Data

³¹ Date New Oil 03/19/2021	³² Gas Delivery Date 03/19/2021	³³ Test Date 04/07/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 430
³⁷ Choke Size 38/64	³⁸ Oil 893	³⁹ Water 1599	⁴⁰ Gas 572		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: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: Brett.Jennings@matadorresources.com			Approval Date: 9/9/2021		
Date: 09/02/2021		Phone: 972-629-2160			
FILE 3160-4 WITHIN 10 DAYS TO NMOCD AFTER BLM APPROVAL.					

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 30-025-44520	² Pool Code 24250	³ Pool Name FEATHERSTONE; BONE SPRING
⁴ Property Code 326210	⁵ Property Name UNCLE CHES 2116 FED COM	
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁶ Well Number 128H ⁹ Elevation 3704'

¹⁰Surface Location

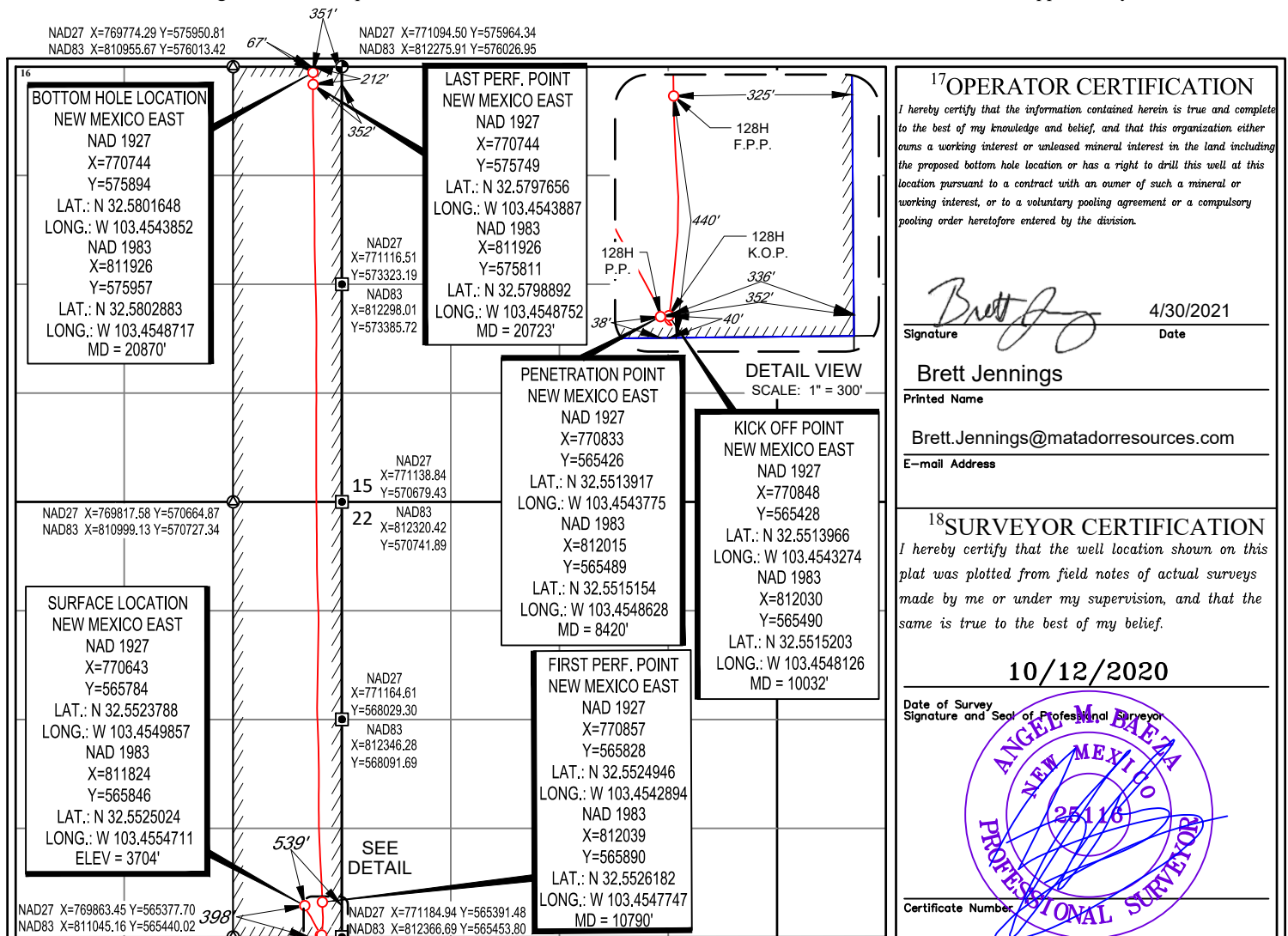
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	20-S	35-E	-	398'	SOUTH	539'	EAST	LEA

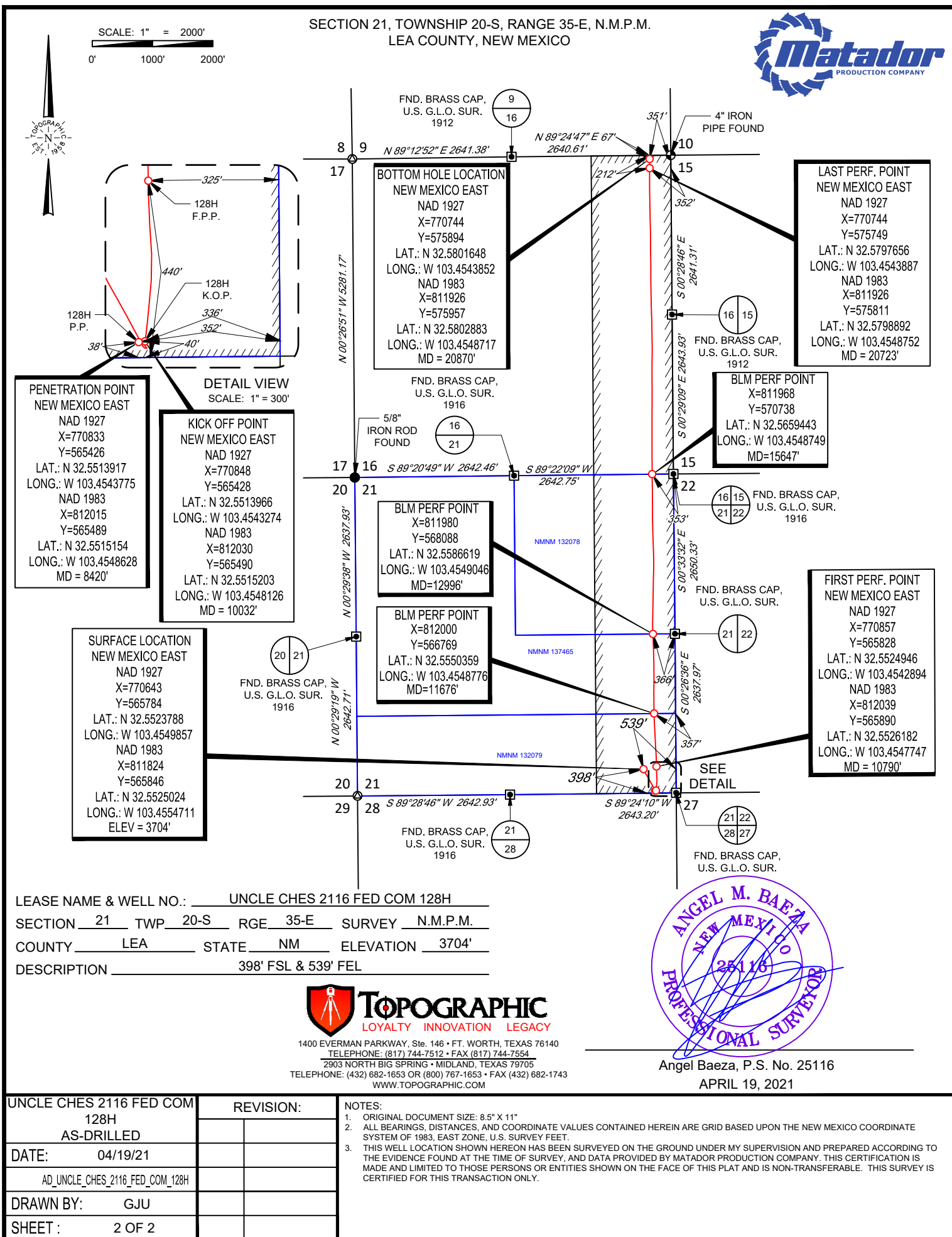
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	20-S	35-E	-	67'	NORTH	351'	EAST	LEA

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.







Matador Resources
Lea County, New Mexico (NAD 27)
30-025-44520
Uncle Ches 2116 Fed Com 128H
Wellbore 1

MS MWD
Certified Survey Report
14 December 2020



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 128H		
Local North	-11.00 UsFt	Local East	28.00 UsFt
Map Northing	565799.00 US survey foot	Map Easting	770606.00 US survey foot
Latitude	32° 33' 8.71751" N	Longitude	103° 27' 18.37518" 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 128H - 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	20870.00	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
173.00	0.20	345.50	173.00	0.29	-0.08	0.29	0.12	0.12	8.38
330.00	0.10	323.80	330.00	0.67	-0.23	0.67	0.07	-0.06	-13.82
519.00	1.20	115.40	518.99	-0.05	1.47	-0.06	0.68	0.58	80.21
687.00	0.80	111.10	686.96	-1.22	4.15	-1.26	0.24	-0.24	-2.56
875.00	0.90	100.90	874.94	-1.98	6.82	-2.03	0.10	0.05	-5.43
1062.00	1.60	118.60	1061.89	-3.50	10.56	-3.59	0.42	0.37	9.47
1250.00	1.50	94.80	1249.83	-4.97	15.31	-5.10	0.34	-0.05	-12.66
1438.00	1.00	64.10	1437.78	-4.46	19.24	-4.62	0.44	-0.27	-16.33
1629.00	1.30	202.50	1628.77	-5.73	19.91	-5.90	1.13	0.16	72.46
1820.00	1.90	192.90	1819.69	-10.82	18.38	-10.97	0.34	0.31	-5.03
1986.00	3.00	182.30	1985.54	-17.84	17.59	-17.99	0.71	0.66	-6.39
2101.00	3.00	177.30	2100.38	-23.85	17.61	-24.00	0.23	0.00	-4.35
2292.00	2.80	168.40	2291.14	-33.42	18.78	-33.57	0.26	-0.10	-4.66
2483.00	2.60	163.20	2481.93	-42.13	20.97	-42.31	0.17	-0.10	-2.72
2674.00	2.60	164.30	2672.73	-50.45	23.40	-50.65	0.03	0.00	0.58
2865.00	4.10	152.70	2863.40	-60.69	27.70	-60.92	0.86	0.79	-6.07
3055.00	5.80	147.30	3052.69	-74.80	36.00	-75.11	0.93	0.89	-2.84
3246.00	6.80	146.00	3242.53	-92.30	47.54	-92.70	0.53	0.52	-0.68
3436.00	7.20	144.00	3431.11	-111.26	60.83	-111.78	0.25	0.21	-1.05
3627.00	7.30	150.50	3620.59	-131.50	73.84	-132.13	0.43	0.05	3.40
3818.00	6.90	152.40	3810.12	-152.23	85.13	-152.96	0.24	-0.21	0.99
4008.00	6.50	153.20	3998.83	-171.95	95.27	-172.76	0.22	-0.21	0.42
4199.00	6.00	154.60	4188.69	-190.61	104.42	-191.50	0.27	-0.26	0.73
4390.00	7.00	150.40	4378.46	-209.75	114.45	-210.72	0.58	0.52	-2.20
4581.00	6.90	150.50	4568.06	-229.86	125.85	-230.93	0.05	-0.05	0.05
4773.00	6.70	150.90	4758.71	-249.68	136.98	-250.84	0.11	-0.10	0.21
4964.00	6.40	151.00	4948.46	-268.73	147.56	-269.98	0.16	-0.16	0.05
5154.00	6.20	150.20	5137.31	-286.89	157.79	-288.23	0.11	-0.11	-0.42
5345.00	6.10	153.00	5327.21	-304.89	167.52	-306.31	0.17	-0.05	1.47
5536.00	6.10	151.30	5517.13	-322.83	177.01	-324.33	0.09	0.00	-0.89
5727.00	6.10	151.60	5707.05	-340.66	186.71	-342.24	0.02	0.00	0.16
5918.00	4.10	156.00	5897.29	-355.82	194.31	-357.47	1.07	-1.05	2.30
5969.00	4.30	155.70	5948.15	-359.23	195.84	-360.89	0.39	0.39	-0.59
6116.00	2.80	144.50	6094.87	-367.18	200.19	-368.88	1.12	-1.02	-7.62
6307.00	1.00	112.90	6285.76	-371.62	204.44	-373.36	1.06	-0.94	-16.54
6498.00	0.40	92.60	6476.74	-372.30	206.64	-374.06	0.34	-0.31	-10.63
6689.00	0.50	116.30	6667.74	-372.70	208.05	-374.47	0.11	0.05	12.41
6880.00	0.40	82.80	6858.73	-372.99	209.46	-374.77	0.14	-0.05	-17.54
7072.00	0.50	87.90	7050.72	-372.87	210.96	-374.66	0.06	0.05	2.66
7262.00	1.10	313.40	7240.71	-371.59	210.46	-373.38	0.79	0.32	70.79
7454.00	1.70	317.40	7432.66	-368.23	207.20	-369.99	0.32	0.31	2.08
7645.00	1.60	318.10	7623.58	-364.16	203.50	-365.88	0.05	-0.05	0.37
7836.00	1.80	316.30	7814.49	-360.00	199.65	-361.70	0.11	0.10	-0.94
8027.00	1.10	269.40	8005.44	-357.85	195.74	-359.52	0.69	-0.37	-24.55
8218.00	0.70	273.70	8196.41	-357.80	192.74	-359.43	0.21	-0.21	2.25
8408.00	0.70	275.80	8386.40	-357.61	190.43	-359.22	0.01	0.00	1.11
8600.00	0.40	44.30	8578.39	-357.01	189.73	-358.62	0.52	-0.16	66.93
8792.00	1.30	48.60	8770.37	-355.09	191.83	-356.72	0.47	0.47	2.24
8983.00	1.50	66.90	8961.31	-352.67	195.76	-354.34	0.25	0.10	9.58
9174.00	1.60	81.30	9152.24	-351.29	200.69	-352.99	0.21	0.05	7.54



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
9365.00	0.90	159.00	9343.21	-352.29	203.87	-354.02	0.87	-0.37	40.68
9557.00	0.40	188.00	9535.20	-354.36	204.31	-356.09	0.30	-0.26	15.10
9747.00	0.50	178.80	9725.19	-355.84	204.24	-357.58	0.06	0.05	-4.84
9938.00	0.60	145.20	9916.18	-357.50	204.83	-359.24	0.17	0.05	-17.59
9999.00	0.70	169.10	9977.18	-358.13	205.08	-359.87	0.47	0.16	39.18
10094.00	6.00	13.70	10072.02	-353.87	206.37	-355.62	6.99	5.58	-163.58
10190.00	15.60	6.70	10166.21	-336.13	209.07	-337.91	10.07	10.00	-7.29
10286.00	23.60	5.70	10256.58	-304.14	212.49	-305.94	8.34	8.33	-1.04
10381.00	31.50	5.50	10340.74	-260.44	216.76	-262.29	8.32	8.32	-0.21
10476.00	40.70	4.80	10417.42	-204.75	221.74	-206.64	9.69	9.68	-0.74
10572.00	46.00	357.30	10487.25	-138.98	222.74	-140.88	7.69	5.52	7.81
10667.00	54.80	356.60	10547.75	-66.00	218.14	-67.87	9.36	9.26	-1.79
10763.00	66.70	359.30	10594.58	17.51	214.58	15.67	12.84	12.40	3.85
10858.00	76.10	359.20	10624.85	107.44	213.40	105.61	9.90	9.89	-0.11
10953.00	84.90	357.00	10640.51	200.99	210.27	199.18	9.54	9.26	-2.32
11017.00	90.40	357.10	10643.14	264.82	206.98	263.04	8.60	8.59	0.16
11049.00	90.70	356.70	10642.83	296.77	205.25	295.01	1.56	0.94	-1.25
11143.00	90.80	356.70	10641.60	390.61	199.84	388.89	0.11	0.11	0.00
11259.00	90.90	357.10	10639.88	506.43	193.57	504.75	0.36	0.09	0.34
11353.00	91.90	357.10	10637.58	600.28	188.82	598.64	1.06	1.06	0.00
11447.00	93.50	357.10	10633.15	694.05	184.07	692.45	1.70	1.70	0.00
11542.00	92.70	357.80	10628.02	788.82	179.85	787.25	1.12	-0.84	0.74
11634.00	93.40	358.00	10623.12	880.62	176.48	879.08	0.79	0.76	0.22
11728.00	91.80	358.70	10618.86	974.48	173.78	972.96	1.86	-1.70	0.74
11822.00	89.50	359.50	10617.79	1068.46	172.30	1066.95	2.59	-2.45	0.85
11916.00	89.40	359.70	10618.69	1162.45	171.64	1160.94	0.24	-0.11	0.21
12010.00	88.30	0.00	10620.58	1256.43	171.40	1254.92	1.21	-1.17	0.32
12106.00	89.00	0.40	10622.84	1352.40	171.73	1350.89	0.84	0.73	0.42
12201.00	90.20	0.90	10623.51	1447.39	172.81	1445.86	1.37	1.26	0.53
12297.00	89.00	360.00	10624.18	1543.39	173.56	1541.84	1.56	-1.25	0.94
12392.00	88.80	359.50	10626.00	1638.37	173.15	1636.83	0.57	-0.21	-0.53
12488.00	89.90	358.90	10627.09	1734.35	171.81	1732.82	1.31	1.15	-0.63
12583.00	87.40	358.60	10629.33	1829.29	169.74	1827.77	2.65	-2.63	-0.32
12679.00	87.40	358.40	10633.68	1925.16	167.23	1923.66	0.21	0.00	-0.21
12774.00	87.40	358.40	10637.99	2020.03	164.58	2018.54	0.00	0.00	0.00
12870.00	88.00	357.80	10641.84	2115.90	161.40	2114.44	0.88	0.63	-0.63
12965.00	89.20	357.50	10644.16	2210.79	157.50	2209.36	1.30	1.26	-0.32
13061.00	90.40	357.30	10644.50	2306.68	153.15	2305.29	1.27	1.25	-0.21
13156.00	89.00	0.40	10645.00	2401.65	151.24	2400.27	3.58	-1.47	3.26
13252.00	89.30	1.50	10646.42	2497.62	152.83	2496.23	1.19	0.31	1.15
13347.00	90.70	0.90	10646.42	2592.60	154.82	2591.18	1.60	1.47	-0.63
13443.00	91.90	0.70	10644.24	2688.56	156.16	2687.13	1.27	1.25	-0.21
13538.00	89.80	1.10	10642.83	2783.54	157.66	2782.09	2.25	-2.21	0.42
13634.00	89.50	0.90	10643.42	2879.52	159.33	2878.05	0.38	-0.31	-0.21
13730.00	87.80	1.10	10645.68	2975.48	161.01	2973.99	1.78	-1.77	0.21
13825.00	88.00	1.10	10649.16	3070.39	162.83	3068.89	0.21	0.21	0.00
13921.00	88.90	1.30	10651.76	3166.34	164.84	3164.81	0.96	0.94	0.21
14017.00	90.30	1.30	10652.43	3262.31	167.02	3260.76	1.46	1.46	0.00
14112.00	88.90	0.70	10653.09	3357.29	168.67	3355.72	1.60	-1.47	-0.63
14208.00	89.30	0.40	10654.60	3453.27	169.59	3451.69	0.52	0.42	-0.31
14303.00	87.20	357.90	10657.50	3548.20	168.19	3546.64	3.44	-2.21	2.63
14399.00	88.30	357.50	10661.27	3644.05	164.34	3642.51	1.22	1.15	-0.42
14494.00	89.20	357.40	10663.34	3738.93	160.11	3737.43	0.95	0.95	-0.11
14590.00	88.20	358.90	10665.52	3834.85	157.01	3833.37	1.88	-1.04	1.56
14685.00	88.70	358.50	10668.09	3929.79	154.86	3928.33	0.67	0.53	-0.42
14781.00	90.00	357.70	10669.18	4025.73	151.68	4024.29	1.59	1.35	-0.83
14877.00	89.70	359.90	10669.43	4121.71	149.67	4120.28	2.31	-0.31	2.29
14972.00	91.10	359.90	10668.77	4216.70	149.50	4215.27	1.47	1.47	0.00
15068.00	92.20	359.70	10666.00	4312.66	149.17	4311.23	1.16	1.15	-0.21
15163.00	93.40	359.50	10661.36	4407.54	148.50	4406.11	1.28	1.26	-0.21
15258.00	94.50	359.40	10654.82	4502.31	147.59	4500.88	1.16	1.16	-0.11
15354.00	94.90	359.70	10646.95	4597.98	146.84	4596.56	0.52	0.42	0.31
15450.00	92.70	359.30	10640.59	4693.76	146.01	4692.34	2.33	-2.29	-0.42
15546.00	93.90	359.20	10635.07	4789.59	144.75	4788.18	1.25	1.25	-0.10
15641.00	92.10	359.20	10630.09	4884.45	143.43	4883.05	1.89	-1.89	0.00
15736.00	93.30	359.30	10625.62	4979.34	142.18	4977.94	1.27	1.26	0.11
15832.00	91.00	360.00	10622.02	5075.26	141.60	5073.86	2.50	-2.40	0.73
15928.00	90.90	359.70	10620.43	5171.25	141.35	5169.85	0.33	-0.10	-0.31
16023.00	90.80	360.00	10619.02	5266.23	141.10	5264.84	0.33	-0.11	0.32
16119.00	87.90	360.00	10620.11	5362.22	141.10	5360.82	3.02	-3.02	0.00
16215.00	87.20	0.00	10624.21	5458.13	141.10	5456.72	0.73	-0.73	-0.00
16311.00	87.40	0.00	10628.73	5554.02	141.10	5552.61	0.21	0.21	0.00
16406.00	88.40	0.00	10632.21	5648.96	141.10	5647.54	1.05	1.05	0.00
16502.00	89.50	360.00	10633.97	5744.94	141.10	5743.52	1.15	1.15	-0.00
16598.00	90.30	0.00	10634.14	5840.94	141.10	5839.52	0.83	0.83	-0.00
16694.00	92.00	0.10	10632.21	5936.92	141.18	5935.49	1.77	1.77	0.10
16789.00	93.50	0.70	10627.66	6031.80	141.84	6030.37	1.70	1.58	0.63
16885.00	92.20	360.00	10622.88	6127.68	142.43	6126.24	1.54	-1.35	0.73



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
16981.00	92.90	0.20	10618.61	6223.58	142.60	6222.14	0.76	0.73	0.21
17077.00	90.70	359.40	10615.60	6319.53	142.26	6318.08	2.44	-2.29	0.83
17172.00	91.30	359.40	10613.94	6414.51	141.27	6413.07	0.63	0.63	0.00
17268.00	92.60	0.00	10610.67	6510.45	140.76	6509.01	1.49	1.35	0.62
17364.00	93.40	359.70	10605.65	6606.32	140.51	6604.87	0.89	0.83	0.31
17460.00	91.60	0.90	10601.46	6702.22	141.02	6700.77	2.25	-1.88	1.25
17556.00	91.00	0.70	10599.28	6798.18	142.36	6796.72	0.66	-0.63	-0.21
17651.00	91.90	0.70	10596.88	6893.14	143.52	6891.66	0.95	0.95	0.00
17747.00	89.60	359.20	10595.62	6989.13	143.43	6987.64	2.86	-2.40	1.56
17842.00	90.00	359.30	10595.95	7084.12	142.19	7082.64	0.43	0.42	0.11
17938.00	91.00	359.00	10595.11	7180.10	140.77	7178.64	1.09	1.04	-0.31
18034.00	91.80	359.30	10592.77	7276.06	139.34	7274.60	0.89	0.83	0.31
18130.00	88.90	358.50	10592.18	7372.03	137.50	7370.59	3.13	-3.02	-0.83
18225.00	89.30	358.50	10593.68	7466.99	135.01	7465.56	0.42	0.42	0.00
18321.00	90.20	358.10	10594.09	7562.94	132.16	7561.54	1.03	0.94	-0.42
18417.00	91.50	358.80	10592.67	7658.89	129.57	7657.51	1.54	1.35	0.73
18495.00	92.90	358.40	10589.68	7736.81	127.66	7735.44	1.87	1.79	-0.51
18590.00	90.90	358.90	10586.53	7831.73	125.43	7830.37	2.17	-2.11	0.53
18686.00	90.50	358.90	10585.35	7927.70	123.58	7926.36	0.42	-0.42	0.00
18781.00	91.80	359.30	10583.45	8022.67	122.09	8021.33	1.43	1.37	0.42
18877.00	89.10	360.00	10582.69	8118.66	121.51	8117.32	2.91	-2.81	0.73
18972.00	88.60	359.60	10584.60	8213.64	121.17	8212.30	0.67	-0.53	-0.42
19068.00	88.90	359.70	10586.69	8309.61	120.59	8308.28	0.33	0.31	0.10
19163.00	89.60	359.50	10587.94	8404.60	119.93	8403.27	0.77	0.74	-0.21
19259.00	90.40	359.40	10587.94	8500.59	119.00	8499.27	0.84	0.83	-0.10
19354.00	91.20	359.60	10586.61	8595.58	118.17	8594.26	0.87	0.84	0.21
19450.00	92.10	359.70	10583.85	8691.54	117.59	8690.21	0.94	0.94	0.10
19545.00	89.30	359.50	10582.69	8786.52	116.93	8785.20	2.95	-2.95	-0.21
19641.00	88.40	358.80	10584.61	8882.49	115.50	8881.18	1.19	-0.94	-0.73
19736.00	88.60	358.70	10587.10	8977.43	113.43	8976.13	0.24	0.21	-0.11
19831.00	89.40	358.80	10588.76	9072.39	111.36	9071.11	0.85	0.84	0.11
19927.00	90.40	358.60	10588.93	9168.37	109.18	9167.10	1.06	1.04	-0.21
20022.00	91.00	358.60	10587.76	9263.33	106.86	9262.08	0.63	0.63	0.00
20118.00	89.30	359.50	10587.51	9359.31	105.27	9358.07	2.00	-1.77	0.94
20214.00	90.00	359.00	10588.10	9455.30	104.01	9454.07	0.90	0.73	-0.52
20309.00	90.10	358.90	10588.02	9550.29	102.27	9549.06	0.15	0.11	-0.11
20405.00	91.80	0.10	10586.43	9646.27	101.43	9645.05	2.17	1.77	1.25
20500.00	91.60	360.00	10583.61	9741.22	101.52	9740.00	0.24	-0.21	0.11
20596.00	91.80	0.00	10580.76	9837.18	101.52	9835.95	0.21	0.21	-0.00
20691.00	93.10	359.90	10576.70	9932.09	101.43	9930.86	1.37	1.37	0.11
20787.00	94.70	359.90	10570.17	10027.87	101.27	10026.63	1.67	1.67	0.00
20808.00	95.00	360.00	10568.39	10048.79	101.25	10047.56	1.51	1.43	0.48
20870.00	95.00	360.00	10562.99	10110.56	101.25	10109.32	0.00	0.00	0.00 PTB



3335 Pollok Drive
Conroe, Texas 77303
936.442.2500 (office)
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MS Directional LLC Survey Data Certification

MS Directional LLC Job Number: MSMO-79690
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Uncle Ches 2116 Fed Com 128H
Location: Lea, New Mexico
API Number: 30-025-44520
Tie In Depth: 0.00
Surveyed Depths: 173.00' - 20808.00'
Projected TD Survey: 20870.00'
Dates Performed: 11/22/2020 - 12/14/2020

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: Micheal Schumacher

MWD Operations Manager: Charles Davis

Signature:

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

Date: 12/14/2020

Email: charles.davis@msdir.com



Matador Resources
Lea County, New Mexico (NAD 27)
30-025-44520
Uncle Ches 2116 Fed Com 128H
Wellbore 1

MS MWD
Certified Survey Report
14 December 2020



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 128H		
Local North	-11.00 UsFt	Local East	28.00 UsFt
Map Northing	565799.00 US survey foot	Map Easting	770606.00 US survey foot
Latitude	32° 33' 8.71751" N	Longitude	103° 27' 18.37518" 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 128H - 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	20870.00	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
173.00	0.20	345.50	173.00	0.29	-0.08	0.29	0.12	0.12	8.38
330.00	0.10	323.80	330.00	0.67	-0.23	0.67	0.07	-0.06	-13.82
519.00	1.20	115.40	518.99	-0.05	1.47	-0.06	0.68	0.58	80.21
687.00	0.80	111.10	686.96	-1.22	4.15	-1.26	0.24	-0.24	-2.56
875.00	0.90	100.90	874.94	-1.98	6.82	-2.03	0.10	0.05	-5.43
1062.00	1.60	118.60	1061.89	-3.50	10.56	-3.59	0.42	0.37	9.47
1250.00	1.50	94.80	1249.83	-4.97	15.31	-5.10	0.34	-0.05	-12.66
1438.00	1.00	64.10	1437.78	-4.46	19.24	-4.62	0.44	-0.27	-16.33
1629.00	1.30	202.50	1628.77	-5.73	19.91	-5.90	1.13	0.16	72.46
1820.00	1.90	192.90	1819.69	-10.82	18.38	-10.97	0.34	0.31	-5.03
1986.00	3.00	182.30	1985.54	-17.84	17.59	-17.99	0.71	0.66	-6.39
2101.00	3.00	177.30	2100.38	-23.85	17.61	-24.00	0.23	0.00	-4.35
2292.00	2.80	168.40	2291.14	-33.42	18.78	-33.57	0.26	-0.10	-4.66
2483.00	2.60	163.20	2481.93	-42.13	20.97	-42.31	0.17	-0.10	-2.72
2674.00	2.60	164.30	2672.73	-50.45	23.40	-50.65	0.03	0.00	0.58
2865.00	4.10	152.70	2863.40	-60.69	27.70	-60.92	0.86	0.79	-6.07
3055.00	5.80	147.30	3052.69	-74.80	36.00	-75.11	0.93	0.89	-2.84
3246.00	6.80	146.00	3242.53	-92.30	47.54	-92.70	0.53	0.52	-0.68
3436.00	7.20	144.00	3431.11	-111.26	60.83	-111.78	0.25	0.21	-1.05
3627.00	7.30	150.50	3620.59	-131.50	73.84	-132.13	0.43	0.05	3.40
3818.00	6.90	152.40	3810.12	-152.23	85.13	-152.96	0.24	-0.21	0.99
4008.00	6.50	153.20	3998.83	-171.95	95.27	-172.76	0.22	-0.21	0.42
4199.00	6.00	154.60	4188.69	-190.61	104.42	-191.50	0.27	-0.26	0.73
4390.00	7.00	150.40	4378.46	-209.75	114.45	-210.72	0.58	0.52	-2.20
4581.00	6.90	150.50	4568.06	-229.86	125.85	-230.93	0.05	-0.05	0.05
4773.00	6.70	150.90	4758.71	-249.68	136.98	-250.84	0.11	-0.10	0.21
4964.00	6.40	151.00	4948.46	-268.73	147.56	-269.98	0.16	-0.16	0.05
5154.00	6.20	150.20	5137.31	-286.89	157.79	-288.23	0.11	-0.11	-0.42
5345.00	6.10	153.00	5327.21	-304.89	167.52	-306.31	0.17	-0.05	1.47
5536.00	6.10	151.30	5517.13	-322.83	177.01	-324.33	0.09	0.00	-0.89
5727.00	6.10	151.60	5707.05	-340.66	186.71	-342.24	0.02	0.00	0.16
5918.00	4.10	156.00	5897.29	-355.82	194.31	-357.47	1.07	-1.05	2.30
5969.00	4.30	155.70	5948.15	-359.23	195.84	-360.89	0.39	0.39	-0.59
6116.00	2.80	144.50	6094.87	-367.18	200.19	-368.88	1.12	-1.02	-7.62
6307.00	1.00	112.90	6285.76	-371.62	204.44	-373.36	1.06	-0.94	-16.54
6498.00	0.40	92.60	6476.74	-372.30	206.64	-374.06	0.34	-0.31	-10.63
6689.00	0.50	116.30	6667.74	-372.70	208.05	-374.47	0.11	0.05	12.41
6880.00	0.40	82.80	6858.73	-372.99	209.46	-374.77	0.14	-0.05	-17.54
7072.00	0.50	87.90	7050.72	-372.87	210.96	-374.66	0.06	0.05	2.66
7262.00	1.10	313.40	7240.71	-371.59	210.46	-373.38	0.79	0.32	70.79
7454.00	1.70	317.40	7432.66	-368.23	207.20	-369.99	0.32	0.31	2.08
7645.00	1.60	318.10	7623.58	-364.16	203.50	-365.88	0.05	-0.05	0.37
7836.00	1.80	316.30	7814.49	-360.00	199.65	-361.70	0.11	0.10	-0.94
8027.00	1.10	269.40	8005.44	-357.85	195.74	-359.52	0.69	-0.37	-24.55
8218.00	0.70	273.70	8196.41	-357.80	192.74	-359.43	0.21	-0.21	2.25
8408.00	0.70	275.80	8386.40	-357.61	190.43	-359.22	0.01	0.00	1.11
8600.00	0.40	44.30	8578.39	-357.01	189.73	-358.62	0.52	-0.16	66.93
8792.00	1.30	48.60	8770.37	-355.09	191.83	-356.72	0.47	0.47	2.24
8983.00	1.50	66.90	8961.31	-352.67	195.76	-354.34	0.25	0.10	9.58
9174.00	1.60	81.30	9152.24	-351.29	200.69	-352.99	0.21	0.05	7.54



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
9365.00	0.90	159.00	9343.21	-352.29	203.87	-354.02	0.87	-0.37	40.68
9557.00	0.40	188.00	9535.20	-354.36	204.31	-356.09	0.30	-0.26	15.10
9747.00	0.50	178.80	9725.19	-355.84	204.24	-357.58	0.06	0.05	-4.84
9938.00	0.60	145.20	9916.18	-357.50	204.83	-359.24	0.17	0.05	-17.59
9999.00	0.70	169.10	9977.18	-358.13	205.08	-359.87	0.47	0.16	39.18
10094.00	6.00	13.70	10072.02	-353.87	206.37	-355.62	6.99	5.58	-163.58
10190.00	15.60	6.70	10166.21	-336.13	209.07	-337.91	10.07	10.00	-7.29
10286.00	23.60	5.70	10256.58	-304.14	212.49	-305.94	8.34	8.33	-1.04
10381.00	31.50	5.50	10340.74	-260.44	216.76	-262.29	8.32	8.32	-0.21
10476.00	40.70	4.80	10417.42	-204.75	221.74	-206.64	9.69	9.68	-0.74
10572.00	46.00	357.30	10487.25	-138.98	222.74	-140.88	7.69	5.52	7.81
10667.00	54.80	356.60	10547.75	-66.00	218.14	-67.87	9.36	9.26	-1.79
10763.00	66.70	359.30	10594.58	17.51	214.58	15.67	12.84	12.40	3.85
10858.00	76.10	359.20	10624.85	107.44	213.40	105.61	9.90	9.89	-0.11
10953.00	84.90	357.00	10640.51	200.99	210.27	199.18	9.54	9.26	-2.32
11017.00	90.40	357.10	10643.14	264.82	206.98	263.04	8.60	8.59	0.16
11049.00	90.70	356.70	10642.83	296.77	205.25	295.01	1.56	0.94	-1.25
11143.00	90.80	356.70	10641.60	390.61	199.84	388.89	0.11	0.11	0.00
11259.00	90.90	357.10	10639.88	506.43	193.57	504.75	0.36	0.09	0.34
11353.00	91.90	357.10	10637.58	600.28	188.82	598.64	1.06	1.06	0.00
11447.00	93.50	357.10	10633.15	694.05	184.07	692.45	1.70	1.70	0.00
11542.00	92.70	357.80	10628.02	788.82	179.85	787.25	1.12	-0.84	0.74
11634.00	93.40	358.00	10623.12	880.62	176.48	879.08	0.79	0.76	0.22
11728.00	91.80	358.70	10618.86	974.48	173.78	972.96	1.86	-1.70	0.74
11822.00	89.50	359.50	10617.79	1068.46	172.30	1066.95	2.59	-2.45	0.85
11916.00	89.40	359.70	10618.69	1162.45	171.64	1160.94	0.24	-0.11	0.21
12010.00	88.30	0.00	10620.58	1256.43	171.40	1254.92	1.21	-1.17	0.32
12106.00	89.00	0.40	10622.84	1352.40	171.73	1350.89	0.84	0.73	0.42
12201.00	90.20	0.90	10623.51	1447.39	172.81	1445.86	1.37	1.26	0.53
12297.00	89.00	360.00	10624.18	1543.39	173.56	1541.84	1.56	-1.25	0.94
12392.00	88.80	359.50	10626.00	1638.37	173.15	1636.83	0.57	-0.21	-0.53
12488.00	89.90	358.90	10627.09	1734.35	171.81	1732.82	1.31	1.15	-0.63
12583.00	87.40	358.60	10629.33	1829.29	169.74	1827.77	2.65	-2.63	-0.32
12679.00	87.40	358.40	10633.68	1925.16	167.23	1923.66	0.21	0.00	-0.21
12774.00	87.40	358.40	10637.99	2020.03	164.58	2018.54	0.00	0.00	0.00
12870.00	88.00	357.80	10641.84	2115.90	161.40	2114.44	0.88	0.63	-0.63
12965.00	89.20	357.50	10644.16	2210.79	157.50	2209.36	1.30	1.26	-0.32
13061.00	90.40	357.30	10644.50	2306.68	153.15	2305.29	1.27	1.25	-0.21
13156.00	89.00	0.40	10645.00	2401.65	151.24	2400.27	3.58	-1.47	3.26
13252.00	89.30	1.50	10646.42	2497.62	152.83	2496.23	1.19	0.31	1.15
13347.00	90.70	0.90	10646.42	2592.60	154.82	2591.18	1.60	1.47	-0.63
13443.00	91.90	0.70	10644.24	2688.56	156.16	2687.13	1.27	1.25	-0.21
13538.00	89.80	1.10	10642.83	2783.54	157.66	2782.09	2.25	-2.21	0.42
13634.00	89.50	0.90	10643.42	2879.52	159.33	2878.05	0.38	-0.31	-0.21
13730.00	87.80	1.10	10645.68	2975.48	161.01	2973.99	1.78	-1.77	0.21
13825.00	88.00	1.10	10649.16	3070.39	162.83	3068.89	0.21	0.21	0.00
13921.00	88.90	1.30	10651.76	3166.34	164.84	3164.81	0.96	0.94	0.21
14017.00	90.30	1.30	10652.43	3262.31	167.02	3260.76	1.46	1.46	0.00
14112.00	88.90	0.70	10653.09	3357.29	168.67	3355.72	1.60	-1.47	-0.63
14208.00	89.30	0.40	10654.60	3453.27	169.59	3451.69	0.52	0.42	-0.31
14303.00	87.20	357.90	10657.50	3548.20	168.19	3546.64	3.44	-2.21	2.63
14399.00	88.30	357.50	10661.27	3644.05	164.34	3642.51	1.22	1.15	-0.42
14494.00	89.20	357.40	10663.34	3738.93	160.11	3737.43	0.95	0.95	-0.11
14590.00	88.20	358.90	10665.52	3834.85	157.01	3833.37	1.88	-1.04	1.56
14685.00	88.70	358.50	10668.09	3929.79	154.86	3928.33	0.67	0.53	-0.42
14781.00	90.00	357.70	10669.18	4025.73	151.68	4024.29	1.59	1.35	-0.83
14877.00	89.70	359.90	10669.43	4121.71	149.67	4120.28	2.31	-0.31	2.29
14972.00	91.10	359.90	10668.77	4216.70	149.50	4215.27	1.47	1.47	0.00
15068.00	92.20	359.70	10666.00	4312.66	149.17	4311.23	1.16	1.15	-0.21
15163.00	93.40	359.50	10661.36	4407.54	148.50	4406.11	1.28	1.26	-0.21
15258.00	94.50	359.40	10654.82	4502.31	147.59	4500.88	1.16	1.16	-0.11
15354.00	94.90	359.70	10646.95	4597.98	146.84	4596.56	0.52	0.42	0.31
15450.00	92.70	359.30	10640.59	4693.76	146.01	4692.34	2.33	-2.29	-0.42
15546.00	93.90	359.20	10635.07	4789.59	144.75	4788.18	1.25	1.25	-0.10
15641.00	92.10	359.20	10630.09	4884.45	143.43	4883.05	1.89	-1.89	0.00
15736.00	93.30	359.30	10625.62	4979.34	142.18	4977.94	1.27	1.26	0.11
15832.00	91.00	360.00	10622.02	5075.26	141.60	5073.86	2.50	-2.40	0.73
15928.00	90.90	359.70	10620.43	5171.25	141.35	5169.85	0.33	-0.10	-0.31
16023.00	90.80	360.00	10619.02	5266.23	141.10	5264.84	0.33	-0.11	0.32
16119.00	87.90	360.00	10620.11	5362.22	141.10	5360.82	3.02	-3.02	0.00
16215.00	87.20	0.00	10624.21	5458.13	141.10	5456.72	0.73	-0.73	-0.00
16311.00	87.40	0.00	10628.73	5554.02	141.10	5552.61	0.21	0.21	0.00
16406.00	88.40	0.00	10632.21	5648.96	141.10	5647.54	1.05	1.05	0.00
16502.00	89.50	360.00	10633.97	5744.94	141.10	5743.52	1.15	1.15	-0.00
16598.00	90.30	0.00	10634.14	5840.94	141.10	5839.52	0.83	0.83	-0.00
16694.00	92.00	0.10	10632.21	5936.92	141.18	5935.49	1.77	1.77	0.10
16789.00	93.50	0.70	10627.66	6031.80	141.84	6030.37	1.70	1.58	0.63
16885.00	92.20	360.00	10622.88	6127.68	142.43	6126.24	1.54	-1.35	0.73



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
16981.00	92.90	0.20	10618.61	6223.58	142.60	6222.14	0.76	0.73	0.21
17077.00	90.70	359.40	10615.60	6319.53	142.26	6318.08	2.44	-2.29	0.83
17172.00	91.30	359.40	10613.94	6414.51	141.27	6413.07	0.63	0.63	0.00
17268.00	92.60	0.00	10610.67	6510.45	140.76	6509.01	1.49	1.35	0.62
17364.00	93.40	359.70	10605.65	6606.32	140.51	6604.87	0.89	0.83	0.31
17460.00	91.60	0.90	10601.46	6702.22	141.02	6700.77	2.25	-1.88	1.25
17556.00	91.00	0.70	10599.28	6798.18	142.36	6796.72	0.66	-0.63	-0.21
17651.00	91.90	0.70	10596.88	6893.14	143.52	6891.66	0.95	0.95	0.00
17747.00	89.60	359.20	10595.62	6989.13	143.43	6987.64	2.86	-2.40	1.56
17842.00	90.00	359.30	10595.95	7084.12	142.19	7082.64	0.43	0.42	0.11
17938.00	91.00	359.00	10595.11	7180.10	140.77	7178.64	1.09	1.04	-0.31
18034.00	91.80	359.30	10592.77	7276.06	139.34	7274.60	0.89	0.83	0.31
18130.00	88.90	358.50	10592.18	7372.03	137.50	7370.59	3.13	-3.02	-0.83
18225.00	89.30	358.50	10593.68	7466.99	135.01	7465.56	0.42	0.42	0.00
18321.00	90.20	358.10	10594.09	7562.94	132.16	7561.54	1.03	0.94	-0.42
18417.00	91.50	358.80	10592.67	7658.89	129.57	7657.51	1.54	1.35	0.73
18495.00	92.90	358.40	10589.68	7736.81	127.66	7735.44	1.87	1.79	-0.51
18590.00	90.90	358.90	10586.53	7831.73	125.43	7830.37	2.17	-2.11	0.53
18686.00	90.50	358.90	10585.35	7927.70	123.58	7926.36	0.42	-0.42	0.00
18781.00	91.80	359.30	10583.45	8022.67	122.09	8021.33	1.43	1.37	0.42
18877.00	89.10	360.00	10582.69	8118.66	121.51	8117.32	2.91	-2.81	0.73
18972.00	88.60	359.60	10584.60	8213.64	121.17	8212.30	0.67	-0.53	-0.42
19068.00	88.90	359.70	10586.69	8309.61	120.59	8308.28	0.33	0.31	0.10
19163.00	89.60	359.50	10587.94	8404.60	119.93	8403.27	0.77	0.74	-0.21
19259.00	90.40	359.40	10587.94	8500.59	119.00	8499.27	0.84	0.83	-0.10
19354.00	91.20	359.60	10586.61	8595.58	118.17	8594.26	0.87	0.84	0.21
19450.00	92.10	359.70	10583.85	8691.54	117.59	8690.21	0.94	0.94	0.10
19545.00	89.30	359.50	10582.69	8786.52	116.93	8785.20	2.95	-2.95	-0.21
19641.00	88.40	358.80	10584.61	8882.49	115.50	8881.18	1.19	-0.94	-0.73
19736.00	88.60	358.70	10587.10	8977.43	113.43	8976.13	0.24	0.21	-0.11
19831.00	89.40	358.80	10588.76	9072.39	111.36	9071.11	0.85	0.84	0.11
19927.00	90.40	358.60	10588.93	9168.37	109.18	9167.10	1.06	1.04	-0.21
20022.00	91.00	358.60	10587.76	9263.33	106.86	9262.08	0.63	0.63	0.00
20118.00	89.30	359.50	10587.51	9359.31	105.27	9358.07	2.00	-1.77	0.94
20214.00	90.00	359.00	10588.10	9455.30	104.01	9454.07	0.90	0.73	-0.52
20309.00	90.10	358.90	10588.02	9550.29	102.27	9549.06	0.15	0.11	-0.11
20405.00	91.80	0.10	10586.43	9646.27	101.43	9645.05	2.17	1.77	1.25
20500.00	91.60	360.00	10583.61	9741.22	101.52	9740.00	0.24	-0.21	0.11
20596.00	91.80	0.00	10580.76	9837.18	101.52	9835.95	0.21	0.21	-0.00
20691.00	93.10	359.90	10576.70	9932.09	101.43	9930.86	1.37	1.37	0.11
20787.00	94.70	359.90	10570.17	10027.87	101.27	10026.63	1.67	1.67	0.00
20808.00	95.00	360.00	10568.39	10048.79	101.25	10047.56	1.51	1.43	0.48
20870.00	95.00	360.00	10562.99	10110.56	101.25	10109.32	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-79690
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Uncle Ches 2116 Fed Com 128H
Location: Lea, New Mexico
API Number: 30-025-44520
Tie In Depth: 0.00
Surveyed Depths: 173.00' - 20808.00'
Projected TD Survey: 20870.00'
Dates Performed: 11/22/2020 - 12/14/2020

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: Micheal Schumacher

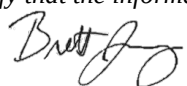
MWD Operations Manager: Charles Davis

Signature:

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

Date: 12/14/2020

Email: charles.davis@msdir.com

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										
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 21 16 FEDERAL COM		
								6. Well Number: 128H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator MATADOR PROUDCTION 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		398	South	539	East	Lea
BH:	A	16	20S	35E		67	North	351	East	Lea
13. Date Spudded 11/22/2020	14. Date T.D. Reached 12/14/2020		15. Date Rig Released 12/16/2020			16. Date Completed (Ready to Produce) 03/19/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3704 GR		
18. Total Measured Depth of Well 20870 MD			19. Plug Back Measured Depth 20769 MD			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run MWD		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10834-20723 Bone Spring										
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		J-55		2038		20		2200sx Class C		
9 5/8		J-55		6,030' Stage tool@4228		12 1/4		3990sx Class C		
5 1/2		P-110		20855		8 3/4		3230sx Class C		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET
26. Perforation record (interval, size, and number) 10834-20723, 45, .39" hole						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10834-20723				
28. PRODUCTION										
Date First Production 03/19/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod				
Date of Test 04/07/2021	Hours Tested 24	Choke Size 38/64	Prod'n For Test Period	Oil - Bbl 893	Gas - MCF 572	Water - Bbl. 1599	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 430	Calculated 24-Hour Rate	Oil - Bbl. 893	Gas - MCF 572	Water - Bbl. 1599	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							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: 01/16/2021			
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 Brett Jennings			Title Regulatory Analyst			Date 09/02/2021	
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 3632	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 3961	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 4201	T. Devonian	T. Cliff House	T. Leadville
T. Queen 5124	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 8398	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 46119

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 46119
	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 46119

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 46119
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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