

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 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240		² OGRID Number 228937
		³ Reason for Filing Code/ Effective Date RT
⁴ API Number 30 - 025-47340	⁵ Pool Name FEATHERSTONE; BONE SPRING	⁶ Pool Code 24250
⁷ Property Code 326210	⁸ Property Name Uncle Ches 2116 Fed Com	⁹ Well Number 127H

II. ¹⁰ Surface 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	20S	35E	-	410	South	567	East	LEA

¹¹ Bottom Hole Location

SL

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

III. Oil and Gas Transporters

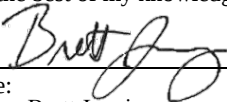
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing, L.P. 17304 Preston Rd, Ste 140 Dallas,TX 75252	O
159160	Versado Gas Processors, LLC 1000 Louisiana St, 4700 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 11/19/2020	²² Ready Date 02/05/2021	²³ TD 21,040 MD/10,564 TVD	²⁴ PBTD	²⁵ Perforations 10834 - 20893	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	3046	Stage Tool 4214	
8 3/4	5 1/2	21025	2690		

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:
Title: Regulatory Analyst	Title:
E-mail Address: Brett.Jennings@matadorresources.com	Approval Date:
Date:	Phone:

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 Well Name FEATHERSTONE; BONE SPRING KZ
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 3703'

¹⁰Surface Location

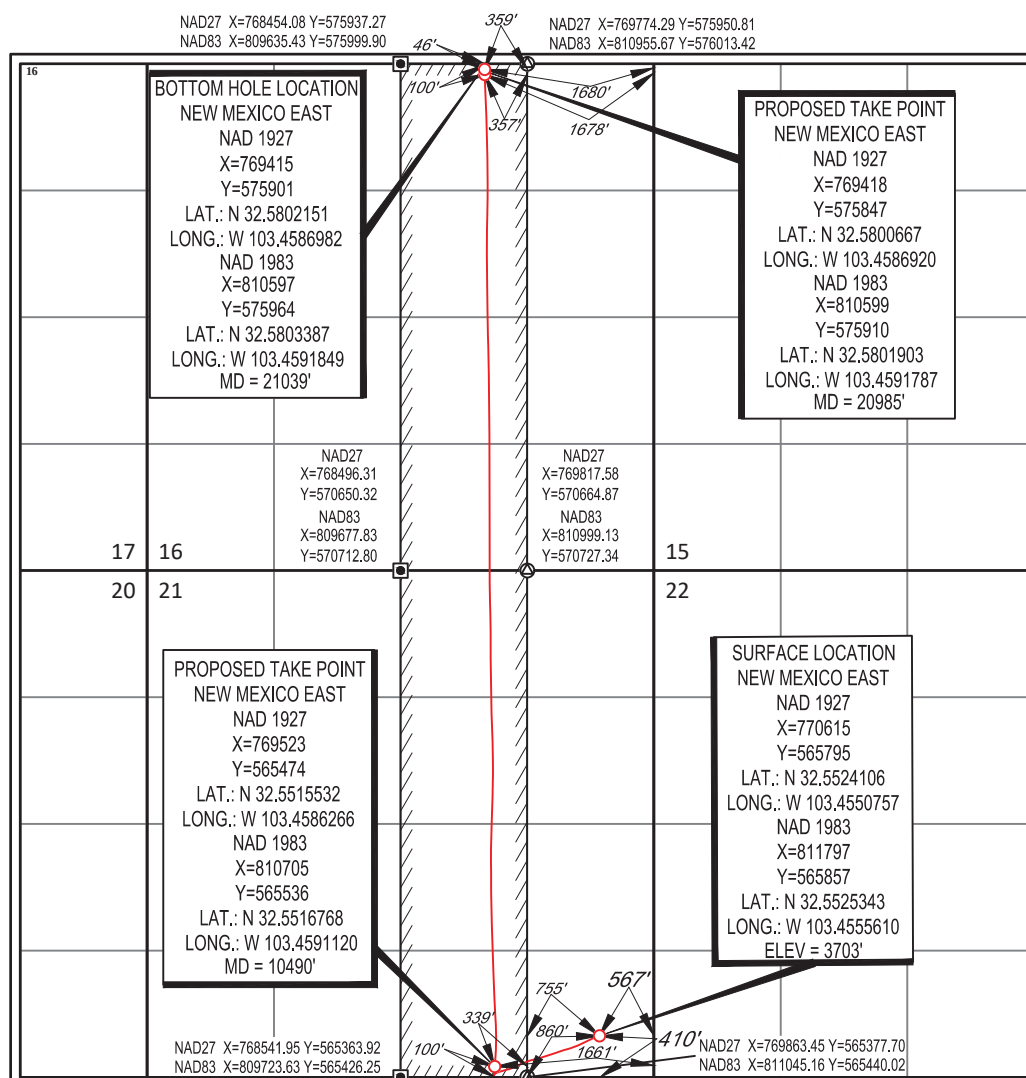
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	20-S	35-E	-	410'	SOUTH	567'	EAST	LEA

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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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.

¹⁷OPERATOR 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 Brett Jennings Date 2/3/2021

Brett Jennings

Printed Name

Brett.Jennings@matadorresources.com

E-mail Address

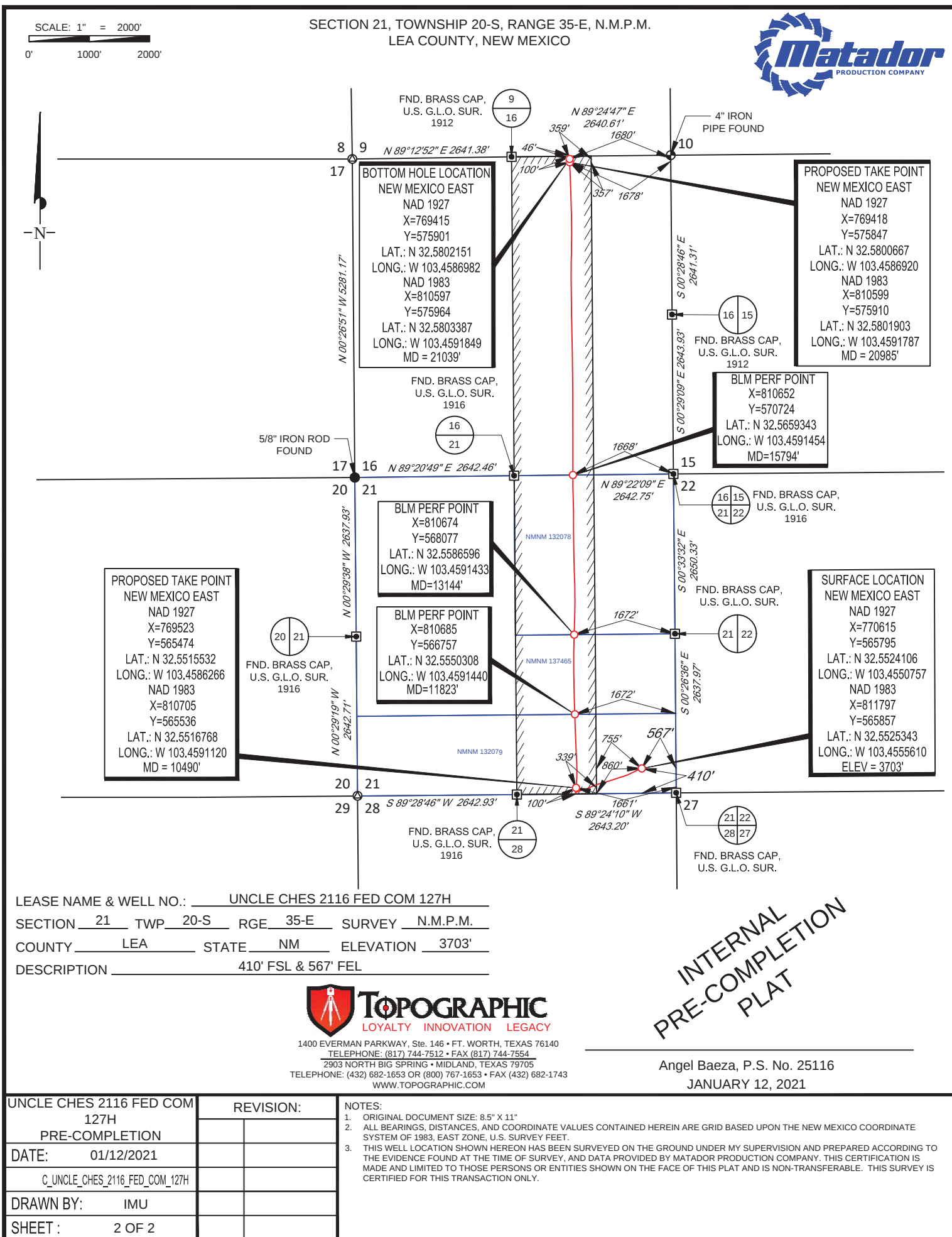
¹⁸SURVEYOR CERTIFICATION

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.

11/05/2020

Date of Survey
Signature and Seal of Professional Surveyor

Certificate Number





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



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-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

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District IV

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

CONDITIONS

Action 16704

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500 One Lincoln Centre Dallas, TX75240	228937	16704	C-104C

OCD Reviewer	Condition
plmartinez	None