

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 One Lincoln Center 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240		² OGRID Number 228937
		³ Reason for Filing Code/ Effective Date RT
⁴ API Number 30 - 0 15-46982	⁵ Pool Name Jennings-Bone Spring, West	⁶ Pool Code 97860
⁷ Property Code 328098	⁸ Property Name Voni Fed Com	⁹ Well Number 123H

II. ¹⁰ Surface Location

Ul or lot no. B	Section 21	Township 26S	Range 31E	Lot Idn	Feet from the 320	North/South Line North	Feet from the 2166	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. 2	Section 33	Township 26S	Range 31E	Lot Idn	Feet from the 112	North/South line South	Feet from the 1982	East/West line East	County Eddy
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		

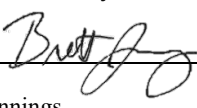
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372018	Longwood RB Pipeline LLC 5400 LBJ Freeway Ste 1500 Dallas, TX 75240	G
214984	Plains Marketing L.P. 17304 Preston Rd. Ste 140 Dallas, TX 75252	O
373401	CP Energy LLC 317 Lilac Dr. Ste 200 Edmond, OK 73034	O

IV. Well Completion Data

²¹ Spud Date 8/23/20	²² Ready Date 02/20/2021	²³ TD 22,359 MD / 9908 TVD	²⁴ PBDT	²⁵ Perforations 9934-22,207	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2"		13 3/8"	1264		940
9 7/8"		7 5/8"	9456 Stage tool @ 4048		2020
6 3/4"		5 1/2"	22,343		1255

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: BUSINESS OP. SPEC.		
E-mail Address: Brett.Jennings@matadorresources.com			Approval Date: 03/12/2021		
Date: 01/21/2021		Phone: 972-629-2160	C-104 RT EXPIRES 05/20/2021		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS-DRILLED

¹ API Number 30-015-46982		² Pool Code 97860		³ Pool Name JENNINGS; BONE SPRING, WEST	
⁴ Property Code 328098		⁵ Property Name VONI FED COM			⁶ Well Number 123H
⁷ OGRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3192'

¹⁰Surface Location

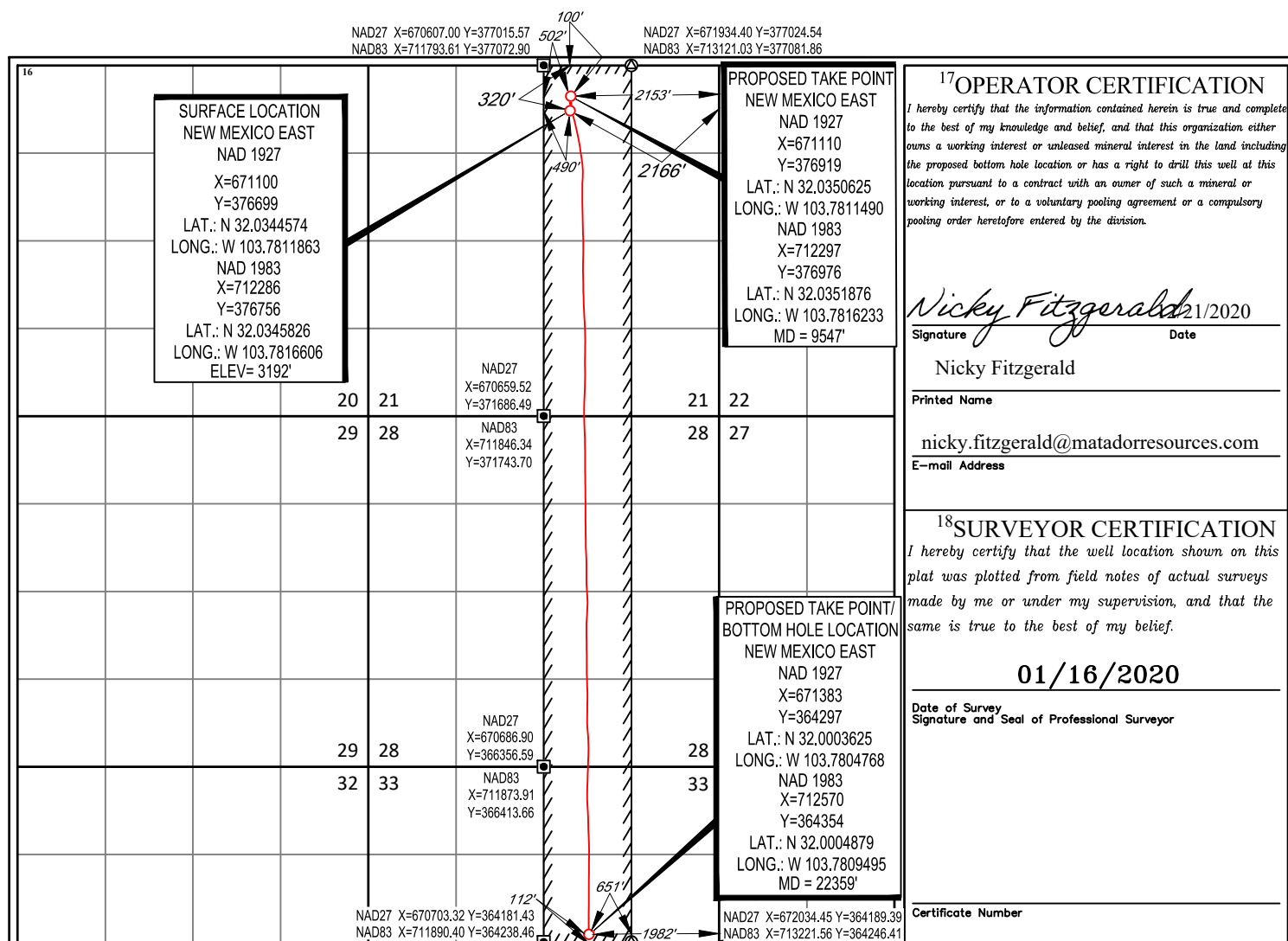
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	26-S	31-E	-	320'	NORTH	2166'	EAST	EDDY

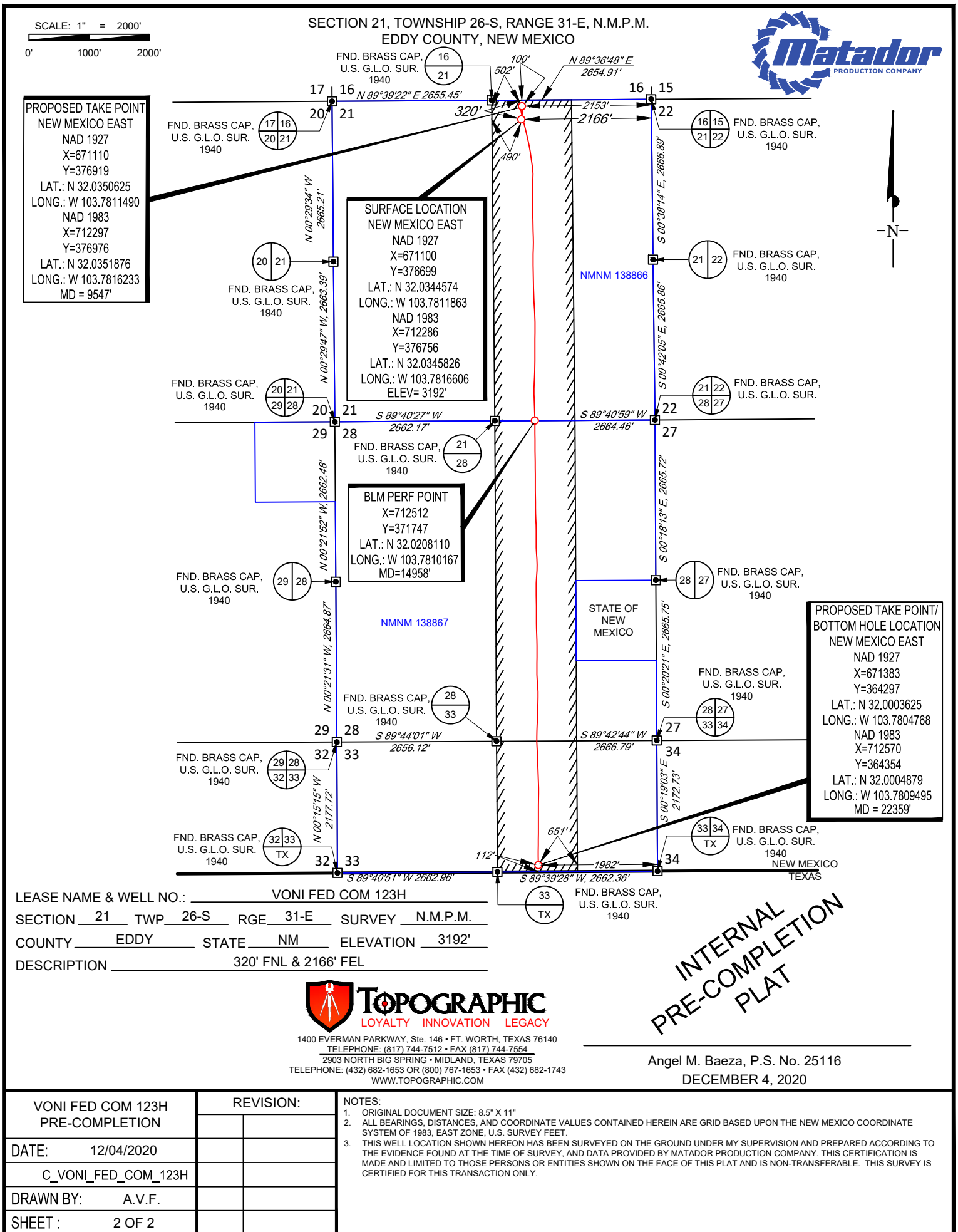
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	33	26-S	31-E	-	112'	SOUTH	1982'	EAST	EDDY

¹² Dedicated Acres 385.27	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
Eddy County, New Mexico (NAD 27)
30-015-46982
Voni Fed Com 123H
Wellbore 1

MS MWD
Certified Survey Report
14 October 2020



Field	Eddy 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	3220.49 UsFt

Well	Voni Fed Com 123H		
Local North	-0.00 UsFt	Local East	-0.00 UsFt
Map Northing	376699.00 US survey foot	Map Easting	671100.00 US survey foot
Latitude	32° 2' 4.04851" N	Longitude	103° 46' 52.26800" W
Depth Datum	WELL	Datum Elevation	3220.50 UsFt
GL Elevation	3192.00 UsFt		
Grid Convergence	0.293		

Well bore	Voni Fed Com 123H - Wellbore 1		
Magnetic Model	User defined	Date	24/08/2020
Total Field (nT)	47601.40	Dip Angle (°)	59.600
Declination (°)	6.533		
VS Origin	User Defined	VS Azimuth	179.54
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	22359.00	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
143.00	0.40	30.10	143.00	0.43	0.25	-0.43	0.28	0.28	21.05
328.00	0.50	44.90	327.99	1.56	1.14	-1.55	0.08	0.05	8.00
514.00	0.80	82.50	513.98	2.31	3.00	-2.28	0.27	0.16	20.22
698.00	0.50	128.30	697.97	1.98	4.91	-1.94	0.31	-0.16	24.89
883.00	0.60	144.20	882.96	0.69	6.11	-0.64	0.10	0.05	8.59
1067.00	0.60	195.60	1066.95	-1.02	6.41	1.07	0.28	0.00	27.93
1156.00	0.90	191.50	1155.95	-2.15	6.15	2.20	0.34	0.34	-4.61
1331.00	1.30	231.10	1330.92	-4.75	4.33	4.78	0.48	0.23	22.63
1515.00	2.70	211.50	1514.80	-9.75	0.44	9.76	0.84	0.76	-10.65
1700.00	3.20	226.10	1699.56	-17.05	-5.56	17.00	0.49	0.27	7.89
1884.00	1.70	187.40	1883.40	-23.32	-9.61	23.24	1.17	-0.82	-21.03
2067.00	1.10	63.50	2066.37	-25.22	-8.39	25.16	1.36	-0.33	-67.70
2257.00	0.70	127.50	2256.35	-25.12	-5.83	25.07	0.53	-0.21	33.68
2445.00	1.20	170.90	2444.32	-27.76	-4.61	27.72	0.45	0.27	23.09
2634.00	1.50	173.20	2633.27	-32.17	-4.01	32.14	0.16	0.16	1.22
2823.00	1.60	18.30	2822.25	-32.12	-2.88	32.10	1.60	0.05	-81.96
3012.00	1.50	1.80	3011.18	-27.14	-1.98	27.13	0.24	-0.05	-8.73
3201.00	1.00	14.70	3200.13	-23.08	-1.48	23.06	0.30	-0.26	6.83
3389.00	1.60	92.40	3388.09	-21.60	1.56	21.61	0.90	0.32	41.33
3579.00	1.00	87.60	3578.04	-21.64	5.86	21.69	0.32	-0.32	-2.53
3769.00	1.50	108.40	3768.00	-22.36	9.88	22.43	0.35	0.26	10.95
3957.00	2.60	16.20	3955.92	-19.04	13.41	19.14	1.62	0.59	-49.04
4143.00	1.70	22.70	4141.78	-12.44	15.65	12.57	0.50	-0.48	3.49
4332.00	1.40	11.50	4330.71	-7.59	17.19	7.73	0.22	-0.16	-5.93
4521.00	1.00	11.80	4519.67	-3.72	17.99	3.86	0.21	-0.21	0.16
4711.00	3.90	352.00	4709.48	4.31	17.43	-4.17	1.57	1.53	10.42
4900.00	3.30	350.20	4898.11	16.03	15.61	-15.91	0.32	-0.32	-0.95
5089.00	5.90	354.10	5086.48	31.06	13.68	-30.95	1.38	1.38	2.06
5279.00	7.80	352.00	5275.12	53.54	10.88	-53.45	1.01	1.00	-1.11
5468.00	7.30	351.50	5462.48	78.12	7.32	-78.06	0.27	-0.26	-0.26
5657.00	6.60	345.90	5650.09	100.53	2.90	-100.50	0.52	-0.37	-2.96
5847.00	7.80	350.10	5838.59	123.82	-1.97	-123.83	0.69	0.63	2.21
6035.00	7.10	347.90	6025.00	147.75	-6.60	-147.80	0.40	-0.37	-1.17
6225.00	8.00	5.50	6213.38	172.39	-7.80	-172.45	1.30	0.47	9.26
6414.00	7.00	2.70	6400.76	196.99	-6.00	-197.03	0.56	-0.53	-1.48
6603.00	6.00	1.00	6588.54	218.37	-5.28	-218.41	0.54	-0.53	-0.90
6791.00	4.80	0.70	6775.71	236.06	-5.01	-236.09	0.64	-0.64	-0.16
6979.00	3.70	359.50	6963.19	249.99	-4.97	-250.02	0.59	-0.59	0.64
7167.00	3.20	357.30	7150.84	261.30	-5.27	-261.33	0.28	-0.27	-1.17
7357.00	1.20	70.60	7340.72	267.26	-3.64	-267.28	1.62	-1.05	38.58
7547.00	0.80	64.10	7530.69	268.50	-0.57	-268.50	0.22	-0.21	-3.42
7734.00	0.70	78.90	7717.68	269.29	1.72	-269.27	0.12	-0.05	7.91
7922.00	0.50	85.80	7905.67	269.57	3.67	-269.53	0.11	-0.11	3.67
8112.00	0.30	78.40	8095.66	269.73	4.98	-269.68	0.11	-0.11	-3.89
8303.00	1.10	75.80	8286.64	270.28	7.25	-270.22	0.42	0.42	-1.36
8493.00	0.90	218.00	8476.63	269.55	8.10	-269.48	1.00	-0.11	74.84
8684.00	1.10	171.90	8667.61	266.56	7.43	-266.49	0.42	0.10	-24.14
8873.00	1.10	174.80	8856.57	262.95	7.85	-262.88	0.03	0.00	1.53
8968.00	0.80	186.40	8951.56	261.39	7.86	-261.31	0.37	-0.32	12.21
9063.00	0.90	175.80	9046.55	259.98	7.84	-259.91	0.20	0.11	-11.16



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
9158.00	0.90	187.00	9141.54	258.50	7.81	-258.43	0.18	0.00	11.79
9252.00	1.50	185.70	9235.52	256.54	7.59	-256.47	0.64	0.64	-1.38
9347.00	2.30	186.70	9330.46	253.41	7.25	-253.34	0.84	0.84	1.05
9392.00	4.90	189.60	9375.37	250.62	6.82	-250.56	5.79	5.78	6.44
9464.00	10.50	181.90	9446.69	241.02	6.09	-240.97	7.89	7.78	-10.69
9528.00	17.30	162.40	9508.82	226.10	8.78	-226.02	12.76	10.63	-30.47
9623.00	26.20	176.00	9597.02	191.62	14.53	-191.50	10.71	9.37	14.32
9718.00	37.40	177.80	9677.63	141.71	17.11	-141.57	11.83	11.79	1.89
9813.00	47.30	174.70	9747.76	77.96	21.45	-77.78	10.65	10.42	-3.26
9909.00	58.10	171.00	9805.86	2.34	31.11	-2.09	11.66	11.25	-3.85
10004.00	65.20	166.10	9850.97	-79.49	47.81	79.87	8.74	7.47	-5.16
10098.00	74.70	165.00	9883.16	-164.89	69.85	165.44	10.17	10.11	-1.17
10194.00	83.80	167.90	9901.05	-256.48	91.88	257.21	9.93	9.48	3.02
10289.00	87.10	168.00	9908.58	-349.08	111.65	349.97	3.48	3.47	0.11
10383.00	87.10	167.90	9913.34	-440.89	131.25	441.93	0.11	0.00	-0.11
10477.00	89.60	172.20	9916.05	-533.41	147.48	534.58	5.29	2.66	4.57
10571.00	89.40	171.50	9916.87	-626.46	160.80	627.73	0.77	-0.21	-0.74
10666.00	90.10	170.90	9917.28	-720.34	175.33	721.72	0.97	0.74	-0.63
10759.00	89.20	173.40	9917.85	-812.46	188.04	813.94	2.86	-0.97	2.69
10854.00	91.50	179.20	9917.27	-907.21	194.16	908.74	6.57	2.42	6.11
10955.00	92.40	184.70	9913.83	-1008.05	190.73	1009.55	5.51	0.89	5.45
11049.00	92.20	181.00	9910.06	-1101.84	186.06	1103.30	3.94	-0.21	-3.94
11143.00	92.40	180.30	9906.28	-1195.76	185.00	1197.21	0.77	0.21	-0.74
11238.00	92.20	179.90	9902.47	-1290.69	184.83	1292.13	0.47	-0.21	-0.42
11332.00	88.50	178.50	9901.90	-1384.66	186.14	1386.11	4.21	-3.94	-1.49
11426.00	91.30	178.80	9902.06	-1478.62	188.36	1480.08	3.00	2.98	0.32
11521.00	89.50	178.80	9901.40	-1573.59	190.35	1575.07	1.89	-1.89	0.00
11617.00	91.30	179.00	9900.73	-1669.57	192.19	1671.06	1.89	1.88	0.21
11711.00	90.70	178.70	9899.09	-1763.54	194.08	1765.04	0.71	-0.64	-0.32
11806.00	90.00	178.10	9898.51	-1858.50	196.73	1860.01	0.97	-0.74	-0.63
11900.00	89.10	178.30	9899.25	-1952.45	199.68	1953.99	0.98	-0.96	0.21
11994.00	84.60	180.20	9904.41	-2046.27	200.91	2047.81	5.20	-4.79	2.02
12089.00	87.20	181.60	9911.20	-2141.00	199.42	2142.53	3.11	2.74	1.47
12184.00	88.60	181.40	9914.68	-2235.90	196.94	2237.41	1.49	1.47	-0.21
12279.00	89.80	179.70	9916.01	-2330.88	196.03	2332.38	2.19	1.26	-1.79
12373.00	89.40	179.60	9916.67	-2424.88	196.60	2426.38	0.44	-0.43	-0.11
12467.00	89.20	179.30	9917.81	-2518.87	197.50	2520.37	0.38	-0.21	-0.32
12562.00	91.30	179.00	9917.40	-2613.85	198.91	2615.36	2.23	2.21	-0.32
12657.00	92.80	178.80	9914.00	-2708.77	200.73	2710.29	1.59	1.58	-0.21
12753.00	92.40	178.20	9909.65	-2804.64	203.24	2806.18	0.75	-0.42	-0.63
12846.00	89.60	178.00	9908.02	-2897.56	206.33	2899.13	3.02	-3.01	-0.22
12941.00	89.20	177.80	9909.02	-2992.49	209.81	2994.08	0.47	-0.42	-0.21
13036.00	86.90	176.00	9912.25	-3087.29	214.94	3088.92	3.07	-2.42	-1.89
13131.00	87.90	176.30	9916.56	-3181.98	221.31	3183.65	1.10	1.05	0.32
13226.00	88.70	179.20	9919.38	-3276.85	225.04	3278.55	3.17	0.84	3.05
13319.00	87.60	178.30	9922.38	-3369.78	227.07	3371.49	1.53	-1.18	-0.97
13412.00	88.50	179.70	9925.55	-3462.71	228.69	3464.43	1.79	0.97	1.51
13503.00	91.20	181.10	9925.78	-3553.69	228.05	3555.41	3.34	2.97	1.54
13596.00	90.80	180.90	9924.16	-3646.66	226.43	3648.36	0.48	-0.43	-0.22
13688.00	93.10	180.40	9921.03	-3738.60	225.39	3740.29	2.56	2.50	-0.54
13780.00	93.40	179.60	9915.82	-3830.45	225.39	3832.14	0.93	0.33	-0.87
13873.00	92.00	179.50	9911.43	-3923.34	226.12	3925.03	1.51	-1.51	-0.11
13965.00	92.10	180.40	9908.14	-4015.28	226.20	4016.97	0.98	0.11	0.98
14057.00	91.10	180.70	9905.57	-4107.24	225.32	4108.92	1.13	-1.09	0.33
14150.00	91.80	182.40	9903.22	-4200.17	222.80	4201.83	1.98	0.75	1.83
14242.00	90.30	182.50	9901.54	-4292.07	218.87	4293.69	1.63	-1.63	0.11
14334.00	91.20	182.40	9900.33	-4383.98	214.94	4385.56	0.98	0.98	-0.11
14426.00	90.70	181.40	9898.81	-4475.91	211.89	4477.47	1.22	-0.54	-1.09
14517.00	88.60	179.00	9899.36	-4566.90	211.57	4568.45	3.50	-2.31	-2.64
14609.00	88.20	178.20	9901.93	-4658.83	213.82	4660.40	0.97	-0.43	-0.87
14704.00	87.50	177.60	9905.49	-4753.70	217.29	4755.29	0.97	-0.74	-0.63
14798.00	87.20	177.10	9909.84	-4847.50	221.64	4849.12	0.62	-0.32	-0.53
14893.00	89.90	179.50	9912.24	-4942.41	224.45	4944.06	3.80	2.84	2.53
14988.00	88.60	179.30	9913.49	-5037.40	225.45	5039.05	1.38	-1.37	-0.21
15083.00	90.40	179.50	9914.32	-5132.39	226.44	5134.04	1.91	1.89	0.21
15179.00	91.80	179.80	9912.47	-5228.36	227.03	5230.02	1.49	1.46	0.31
15274.00	92.50	179.90	9908.91	-5323.30	227.28	5324.95	0.74	0.74	0.11
15368.00	92.90	179.60	9904.48	-5417.19	227.69	5418.84	0.53	0.43	-0.32
15463.00	91.40	179.60	9900.92	-5512.12	228.35	5513.77	1.58	-1.58	0.00
15557.00	90.20	179.30	9899.61	-5606.10	229.25	5607.76	1.32	-1.28	-0.32
15653.00	89.10	179.10	9900.19	-5702.09	230.59	5703.76	1.16	-1.15	-0.21
15748.00	89.70	179.60	9901.19	-5797.08	231.67	5798.75	0.82	0.63	0.53
15843.00	90.70	179.60	9900.86	-5892.07	232.33	5893.75	1.05	1.05	0.00
15936.00	91.30	180.00	9899.23	-5985.06	232.66	5986.73	0.78	0.65	0.43
16031.00	89.90	180.00	9898.24	-6080.05	232.66	6081.72	1.47	-1.47	0.00
16126.00	88.80	178.90	9899.32	-6175.04	233.57	6176.71	1.64	-1.16	-1.16
16221.00	88.30	179.30	9901.72	-6270.00	235.06	6271.68	0.67	-0.53	0.42
16316.00	88.50	179.50	9904.37	-6364.95	236.05	6366.64	0.30	0.21	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)
16410.00	89.60	179.50	9905.93	-6458.93	236.87	6460.63	1.17	1.17	0.00
16505.00	91.90	178.80	9904.69	-6553.91	238.28	6555.61	2.53	2.42	-0.74
16600.00	87.70	177.30	9905.02	-6648.83	241.51	6650.55	4.69	-4.42	-1.58
16694.00	84.40	177.00	9911.49	-6742.48	246.18	6744.24	3.53	-3.51	-0.32
16790.00	92.00	180.20	9914.51	-6838.32	248.51	6840.09	8.59	7.92	3.33
16885.00	92.40	180.20	9910.86	-6933.25	248.18	6935.02	0.42	0.42	0.00
16980.00	91.20	180.90	9907.88	-7028.19	247.27	7029.95	1.46	-1.26	0.74
17075.00	89.60	178.00	9907.21	-7123.17	248.18	7124.94	3.49	-1.68	-3.05
17169.00	92.00	175.80	9905.90	-7217.02	253.26	7218.82	3.46	2.55	-2.34
17264.00	90.20	176.30	9904.08	-7311.77	259.81	7313.62	1.97	-1.89	0.53
17359.00	88.10	179.20	9905.49	-7406.67	263.54	7408.55	3.77	-2.21	3.05
17455.00	89.20	183.40	9907.75	-7502.59	261.36	7504.45	4.52	1.15	4.38
17550.00	88.70	184.10	9909.49	-7597.37	255.15	7599.18	0.91	-0.53	0.74
17606.00	88.70	183.90	9910.76	-7653.22	251.24	7654.99	0.36	0.00	-0.36
17669.00	94.80	181.80	9908.84	-7716.08	248.11	7717.83	10.24	9.68	-3.33
17764.00	91.20	179.10	9903.86	-7810.93	247.37	7812.66	4.73	-3.79	-2.84
17859.00	91.10	179.30	9901.96	-7905.90	248.69	7907.64	0.24	-0.11	0.21
17954.00	90.70	179.20	9900.47	-8000.88	249.94	8002.63	0.43	-0.42	-0.11
18050.00	90.90	179.60	9899.13	-8096.86	250.94	8098.62	0.47	0.21	0.42
18145.00	90.10	179.70	9898.30	-8191.86	251.52	8193.61	0.85	-0.84	0.11
18239.00	88.30	180.20	9899.61	-8285.84	251.60	8287.60	1.99	-1.91	0.53
18333.00	87.00	180.00	9903.46	-8379.76	251.44	8381.51	1.40	-1.38	-0.21
18428.00	90.50	178.50	9905.54	-8474.71	252.68	8476.47	4.01	3.68	-1.58
18523.00	90.40	178.00	9904.79	-8569.67	255.59	8571.44	0.54	-0.11	-0.53
18618.00	88.60	177.60	9905.62	-8664.59	259.23	8666.39	1.94	-1.89	-0.42
18712.00	89.70	179.10	9907.01	-8758.53	261.94	8760.35	1.98	1.17	1.60
18807.00	92.50	180.90	9905.19	-8853.50	261.94	8855.32	3.50	2.95	1.89
18901.00	91.70	180.50	9901.74	-8947.43	260.79	8949.24	0.95	-0.85	-0.43
18995.00	90.60	180.30	9899.86	-9041.41	260.14	9043.21	1.19	-1.17	-0.21
19090.00	92.00	180.70	9897.70	-9136.38	259.31	9138.17	1.53	1.47	0.42
19186.00	91.50	179.80	9894.77	-9232.33	258.89	9234.11	1.07	-0.52	-0.94
19280.00	83.00	174.20	9899.28	-9325.97	263.78	9327.79	10.82	-9.04	-5.96
19375.00	85.90	175.80	9908.47	-9420.15	272.02	9422.03	3.48	3.05	1.68
19469.00	88.10	177.60	9913.39	-9513.86	277.42	9515.78	3.02	2.34	1.91
19562.00	91.60	181.20	9913.63	-9606.83	278.39	9608.75	5.40	3.76	3.87
19657.00	91.80	181.30	9910.81	-9701.76	276.32	9703.67	0.24	0.21	0.11
19751.00	91.20	182.00	9908.35	-9795.69	273.61	9797.57	0.98	-0.64	0.74
19846.00	92.00	182.10	9905.70	-9890.59	270.22	9892.44	0.85	0.84	0.11
19941.00	87.90	181.70	9905.78	-9985.52	267.07	9987.34	4.34	-4.32	-0.42
20035.00	91.80	182.50	9906.03	-10079.43	263.62	10081.23	4.24	4.15	0.85
20128.00	91.80	181.90	9903.11	-10172.32	260.06	10174.08	0.64	0.00	-0.65
20223.00	92.20	181.40	9899.79	-10267.22	257.32	10268.96	0.67	0.42	-0.53
20319.00	89.30	178.00	9898.54	-10363.19	257.82	10364.92	4.65	-3.02	-3.54
20414.00	86.20	176.20	9902.26	-10457.98	262.63	10459.75	3.77	-3.26	-1.89
20509.00	88.20	176.60	9906.91	-10552.67	268.58	10554.49	2.15	2.11	0.42
20603.00	89.60	178.70	9908.71	-10646.57	272.44	10648.41	2.68	1.49	2.23
20697.00	89.80	178.30	9909.20	-10740.53	274.90	10742.40	0.48	0.21	-0.43
20791.00	89.80	178.10	9909.53	-10834.49	277.85	10836.37	0.21	0.00	-0.21
20885.00	89.40	177.00	9910.19	-10928.40	281.87	10930.31	1.25	-0.43	-1.17
20980.00	89.80	179.00	9910.85	-11023.33	285.18	11025.27	2.15	0.42	2.11
21075.00	88.40	178.30	9912.34	-11118.29	287.42	11120.24	1.65	-1.47	-0.74
21170.00	90.70	181.40	9913.09	-11213.27	287.67	11215.22	4.06	2.42	3.26
21265.00	89.40	180.90	9913.01	-11308.25	285.76	11310.18	1.47	-1.37	-0.53
21361.00	90.30	180.20	9913.26	-11404.24	284.84	11406.16	1.19	0.94	-0.73
21456.00	89.80	180.40	9913.17	-11499.24	284.34	11501.15	0.57	-0.53	0.21
21551.00	89.50	179.80	9913.75	-11594.24	284.18	11596.15	0.71	-0.32	-0.63
21646.00	91.40	180.20	9913.01	-11689.23	284.18	11691.14	2.04	2.00	0.42
21740.00	91.50	179.90	9910.63	-11783.20	284.09	11785.10	0.34	0.11	-0.32
21835.00	92.00	180.40	9907.73	-11878.16	283.85	11880.05	0.74	0.53	0.53
21930.00	92.40	180.50	9904.08	-11973.08	283.10	11974.97	0.43	0.42	0.11
22025.00	90.10	180.60	9902.01	-12068.05	282.19	12069.93	2.42	-2.42	0.11
22120.00	88.90	180.20	9902.84	-12163.04	281.53	12164.91	1.33	-1.26	-0.42
22215.00	89.40	180.20	9904.25	-12258.03	281.19	12259.89	0.53	0.53	0.00
22307.00	85.40	178.40	9908.42	-12349.91	282.31	12351.77	4.77	-4.35	-1.96
22359.00	85.40	178.40	9912.59	-12401.72	283.76	12403.60	0.00	0.00	0.00 PTB



3335 Pollok Drive
Conroe, Texas 77303
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MS Directional LLC Survey Data Certification

MS Directional LLC Job Number: MSMO-78501
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Voni Fed Com 123H
Location: Eddy, New Mexico
API Number: 30-015-46982
Tie In Depth: 0.00
Surveyed Depths: 143.00' - 22307.00'
Projected TD Survey: 22359.00'
Dates Performed: 08/22/2020 - 10/09/2020

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: Michael Schmacher

MWD Operations Manager: Charles Davis

Signature:

A handwritten signature in black ink, appearing to read "Charles Davis", written over a horizontal line.

Date: 10/14/2020

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 18134

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500 One Lincoln Centre Dallas, TX75240	228937	18134	C-104C

OCD Reviewer	Condition
abustamante	C-104 RT EXPIRES: 05/20/2021