

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 15-46978	⁵ Pool Name Jennings-Bone Spring, West	⁶ Pool Code 97860
⁷ Property Code 328098	⁸ Property Name Voni Fed Com	⁹ Well Number 121H

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
D	21	26S	31E		320	North	404	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	33	26S	31E		79	South	699	West	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

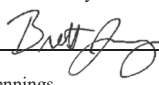
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372018	Longwood RB Pipeline LLC 5400 LBJ Freeway Ste 1500 Dallas, TX 75240	G
214984	Plains Marketing L.P. 17304 Preston Rd. Ste 140 Dallas, TX 75252	O
373401	CP Energy LLC 317 Lilac Dr. Ste 200 Edmond, OK 73034	O

IV. Well Completion Data

²¹ Spud Date 06/07/20	²² Ready Date 04/01/2021	²³ TD 2,296 MD / 9879 TVD	²⁴ PBSD 22216MD/9749TVD	²⁵ Perforations 9,925-22,022MD 9,667-9,745TVD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1158	1020		
9 7/8"	7 5/8"	10,185 Stage tool @ 4012	2175		
6 3/4"	5 1/2"	22,296	1040		

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
	Approved by: KURT SIMMONS
Printed name: Brett Jennings	Title: NMOCD, SANTA FE
Title: Regulatory Analyst	Approval Date: 07/21/2021
E-mail Address: Brett.Jennings@matadorresources.com	RT C-104 EXPIRES 10/21/2021
Date: 03/23/2021	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 30-015-46978		² Pool Code 97860		³ Pool Name Jennings-Bone Spring, West	
⁴ Property Code 328098		⁵ Property Name VONI FED COM			⁶ Well Number 121H
⁷ OGRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3194'

¹⁰Surface Location

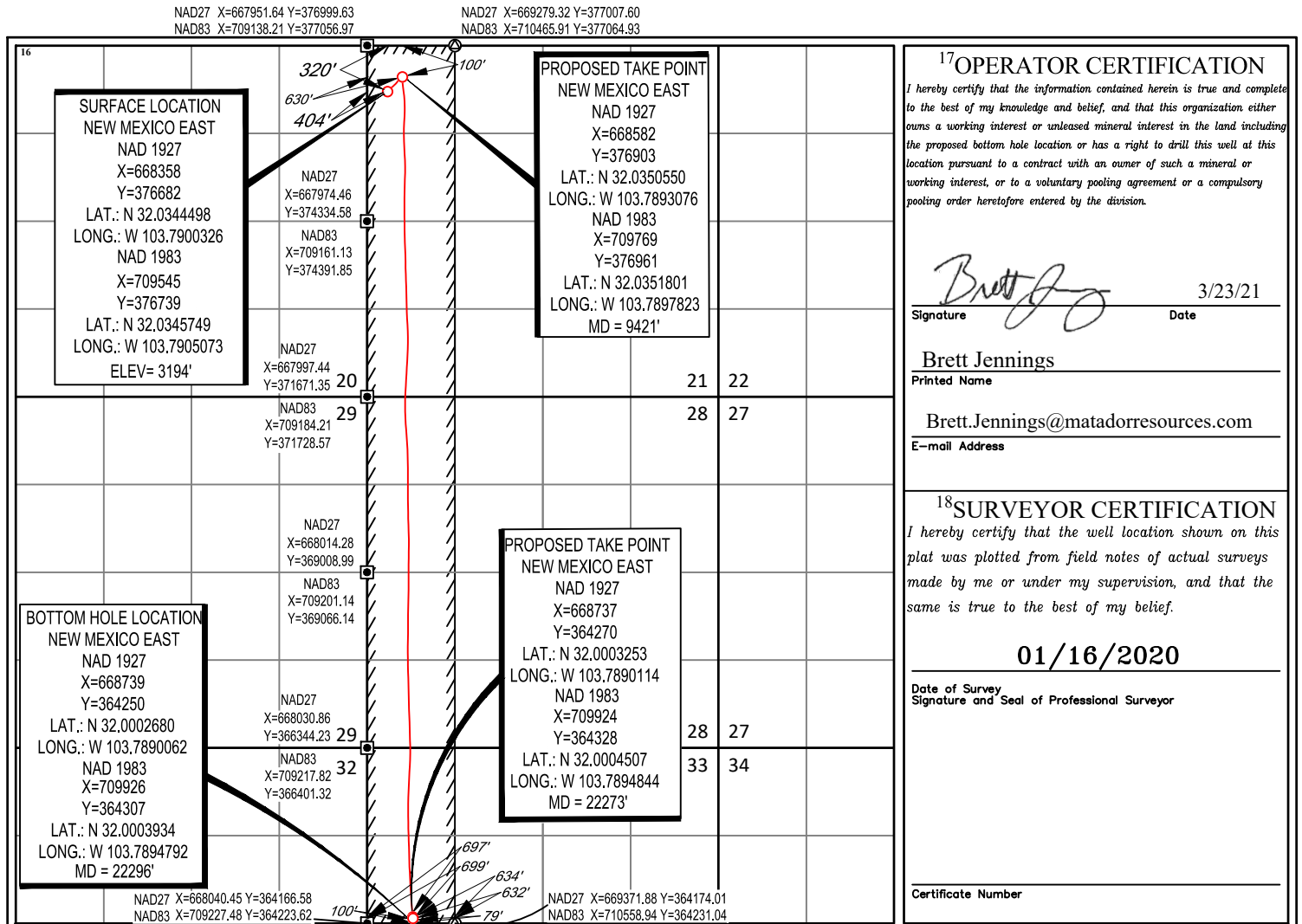
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	21	26-S	31-E	-	320'	NORTH	404'	WEST	EDDY

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
4	33	26-S	31-E	-	79'	SOUTH	699'	WEST	EDDY

¹² Dedicated Acres 385.38	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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.

Brett Jennings 3/23/21
Signature Date

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.

01/16/2020
Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



SECTION 21, TOWNSHIP 26-S, RANGE 31-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO

SCALE: 1" = 2000'

0' 1000' 2000'

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=668358
Y=376682
LAT.: N 32.0344498
LONG.: W 103.7900326
NAD 1983
X=709545
Y=376739
LAT.: N 32.0345749
LONG.: W 103.7905073
ELEV= 3194'

PROPOSED TAKE POINT
NEW MEXICO EAST
NAD 1927
X=668582
Y=376903
LAT.: N 32.0350550
LONG.: W 103.7893076
NAD 1983
X=709769
Y=376961
LAT.: N 32.0351801
LONG.: W 103.7897823
MD = 9421'

PROPOSED TAKE POINT
NEW MEXICO EAST
NAD 1927
X=668737
Y=364270
LAT.: N 32.0003253
LONG.: W 103.7890114
NAD 1983
X=709924
Y=364328
LAT.: N 32.0004507
LONG.: W 103.7894844
MD = 22273'

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
X=668739
Y=364250
LAT.: N 32.0002680
LONG.: W 103.7890062
NAD 1983
X=709926
Y=364307
LAT.: N 32.0003934
LONG.: W 103.7894792
MD = 22296'

BLM PERF POINT
X=709820
Y=371732
LAT.: N 32.0208067
LONG.: W 103.7897014
MD=14859'

LEASE NAME & WELL NO.: VONI FED COM 121H
SECTION 21 TWP 26-S RGE 31-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM ELEVATION 3194'
DESCRIPTION 320' FNL & 404' FWL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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

**INTERNAL
PRE-COMPLETION
PLAT**

Angel M. Baeza, P.S. No. 25116
JANUARY 4, 2021

VONI FED COM 111H PRE-COMPLETION	REVISION:
DATE: 12/31/2020	
C_VONI_FED_COM_121H	
DRAWN BY: A.V.F.	
SHEET: 2 OF 2	

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.



**Matador Resources
Eddy County, New Mexico (NAD 27)
Ace Stern Vegas Fee 22-21 137H
Wellbore 1**

**MS MWD
Certified Survey Report
28 July 2020**

Field		Eddy County, New Mexico (NAD 27) - Matador Resources	
CRS	US-SPC27-EXACT / New Mexico East 3001	Scale Factor	0.9999090909
Apply Scale Factor	NO	Depth Datum->MSL	3094.49 UsFt
System Datum	Mean Sea Level		

Well		Ace Stern Vegas Fee 22-21 137H	
Local North	-0.00 UsFt	Local East	0.00 UsFt
Map Northing	499961.87 US survey foot	Map Easting	572143.06 US survey foot
Latitude	32° 22' 27.457" N	Longitude	104° 5' 58.761" W
Depth Datum	Well	Datum Elevation	3094.50 UsFt
GL Elevation	3066.00 UsFt		
Grid Convergence	0.125		

Well bore		Ace Stern Vegas Fee 22-21 137H - Wellbore 1	
Magnetic Model	User defined	Date	17/07/2020
Total Field (nT)	47808.90	Dip Angle (°)	60.083
Declination (°)	7.033		
VS Origin	User Defined	VS Azimuth	89.92
VS Origin NS	0.00 UsFt	VS Origin EW	0.00 UsFt

Survey Program		MS MWD	
Depth From (UsFt)	0.00	Depth To (UsFt)	390.00
		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	-128.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
228.00	0.30	336.00	100.00	0.55	-0.24	-0.24	0.13	0.13	10.53	
410.00	0.20	80.10	282.00	1.04	-0.12	-0.12	0.22	-0.05	57.20	
603.00	0.30	73.00	475.00	1.24	0.69	0.69	0.05	0.05	-3.68	
788.00	0.20	125.00	659.99	1.20	1.42	1.42	0.13	-0.05	28.11	
971.00	0.30	233.50	842.99	0.73	1.30	1.30	0.22	0.05	59.29	
1100.00	0.60	243.00	971.99	0.22	0.42	0.42	0.24	0.23	7.36	
1239.00	1.10	248.70	1110.97	-0.59	-1.47	-1.47	0.36	0.36	4.10	
1425.00	0.70	219.90	1296.95	-2.11	-3.86	-3.86	0.32	-0.22	-15.48	
1614.00	0.30	263.80	1485.94	-3.05	-5.09	-5.10	0.28	-0.21	23.23	
1804.00	0.60	279.40	1675.94	-2.94	-6.57	-6.57	0.17	0.16	8.21	
1994.00	0.80	292.80	1865.92	-2.27	-8.77	-8.78	0.14	0.11	7.05	
2184.00	0.50	355.30	2055.91	-0.93	-10.06	-10.07	0.38	-0.16	32.89	
2373.00	0.30	160.10	2244.91	-0.57	-9.96	-9.96	0.42	-0.11	87.20	
2562.00	0.10	67.50	2433.91	-0.97	-9.64	-9.64	0.17	-0.11	-48.99	
2752.00	0.30	280.60	2623.91	-0.82	-9.98	-9.98	0.20	0.11	77.32	
2942.00	0.20	267.10	2813.91	-0.74	-10.80	-10.80	0.06	-0.05	-7.11	
3131.00	0.40	330.80	3002.91	-0.18	-11.45	-11.45	0.19	0.11	33.70	
3322.00	0.80	72.00	3193.90	0.81	-10.51	-10.51	0.50	0.21	52.98	
3511.00	0.30	188.60	3382.89	0.73	-9.33	-9.33	0.51	-0.26	61.69	
3701.00	2.00	144.00	3572.85	-2.45	-7.45	-7.46	0.95	0.89	-23.47	
3890.00	0.60	232.90	3761.81	-5.71	-6.30	-6.31	1.10	-0.74	47.04	
4080.00	1.00	231.30	3951.79	-7.35	-8.39	-8.40	0.21	0.21	-0.84	
4270.00	0.80	245.60	4141.77	-8.93	-10.89	-10.90	0.16	-0.11	7.53	
4460.00	0.90	255.20	4331.74	-9.86	-13.54	-13.56	0.09	0.05	5.05	
4650.00	0.00	234.60	4521.74	-10.24	-14.99	-15.00	0.47	-0.47	-10.84	
4840.00	0.40	287.20	4711.73	-10.05	-15.62	-15.63	0.21	0.21	27.68	
5028.00	0.10	302.10	4899.73	-9.77	-16.38	-16.40	0.16	-0.16	7.93	
5218.00	0.10	191.60	5089.73	-9.84	-16.56	-16.57	0.09	0.00	-58.16	
5407.00	0.30	125.50	5278.73	-10.29	-16.19	-16.20	0.15	0.11	-34.97	
5596.00	0.50	75.90	5467.73	-10.38	-14.99	-15.00	0.20	0.11	-26.24	
5785.00	2.10	33.10	5656.68	-7.27	-12.30	-12.31	0.93	0.85	-22.65	
5974.00	5.90	39.10	5845.18	3.17	-4.27	-4.27	2.02	2.01	3.17	
6165.00	9.70	49.20	6034.39	21.31	14.10	14.13	2.11	1.99	5.29	
6354.00	9.80	50.60	6220.66	41.92	38.59	38.65	0.14	0.05	0.74	
6545.00	8.00	49.90	6409.35	60.80	61.32	61.40	0.94	-0.94	-0.37	
6734.00	8.40	46.80	6596.42	78.73	81.44	81.55	0.32	0.21	-1.64	
6925.00	7.20	47.00	6785.65	96.44	100.36	100.50	0.63	-0.63	0.10	
7115.00	8.20	46.70	6973.93	113.85	118.93	119.09	0.53	0.53	-0.16	
7304.00	9.00	38.40	7160.81	134.68	137.93	138.11	0.78	0.42	-4.39	
7493.00	7.90	39.40	7347.76	156.31	155.35	155.57	0.59	-0.58	0.53	
7683.00	7.00	40.20	7536.15	175.24	171.11	171.36	0.48	-0.47	0.42	
7873.00	5.80	41.10	7724.97	191.32	184.90	185.17	0.63	-0.63	0.47	
8064.00	4.30	39.00	7915.22	204.15	195.75	196.03	0.79	-0.79	-1.10	
8253.00	3.10	38.40	8103.82	213.67	203.38	203.68	0.64	-0.63	-0.32	
8443.00	4.30	55.00	8293.43	221.78	212.41	212.72	0.84	0.63	8.74	
8633.00	3.50	39.20	8482.99	230.36	221.91	222.23	0.70	-0.42	-8.32	
8823.00	2.70	1.30	8672.73	239.33	225.68	226.01	1.13	-0.42	-19.95	
9014.00	1.90	354.90	8863.58	246.98	225.50	225.84	0.44	-0.42	3.35	
9109.00	1.60	352.60	8958.53	249.86	225.19	225.54	0.32	-0.32	-2.42	
9224.00	0.80	171.10	9073.52	250.66	225.11	225.46	2.09	-0.70	155.22	

Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
9319.00	7.80	180.00	9168.19	243.55	225.21	225.55	7.38	7.37	9.37
9414.00	16.60	186.10	9260.96	223.57	223.76	224.08	9.35	9.26	6.42
9508.00	26.50	173.30	9348.29	189.16	222.59	222.85	10.85	10.53	-7.23
9603.00	35.80	173.40	9429.53	140.25	226.05	226.25	10.29	9.79	-6.21
9697.00	41.50	174.00	9502.91	81.92	232.47	232.59	6.08	6.06	0.64
9792.00	51.80	172.60	9568.04	13.41	240.59	240.61	10.89	10.84	-1.47
9886.00	58.80	172.60	9621.51	-63.18	250.54	250.45	7.45	7.45	0.00
9982.00	64.20	177.70	9667.33	-147.18	257.57	257.36	7.31	5.63	5.31
10077.00	69.00	179.80	9705.05	-234.32	259.44	259.11	5.44	5.05	2.21
10139.00	75.10	181.60	9724.15	-293.26	258.71	258.30	10.22	9.84	2.90
10214.00	83.30	182.10	9738.19	-366.83	256.32	255.81	10.95	10.93	0.67
10308.00	93.70	184.20	9740.65	-460.52	251.16	250.52	11.29	11.06	2.23
10404.00	92.50	180.60	9735.46	-556.28	247.15	246.38	3.95	-1.25	-3.75
10499.00	91.80	179.80	9731.89	-651.21	246.82	245.91	1.12	-0.74	-0.84
10594.00	89.30	177.40	9730.98	-746.17	249.14	248.10	3.65	-2.63	-2.53
10689.00	89.10	177.60	9732.31	-841.07	253.29	252.11	0.30	-0.21	0.21
10784.00	89.10	177.10	9733.80	-935.95	257.68	256.37	0.53	0.00	-0.53
10879.00	88.00	176.20	9736.20	-1030.76	263.23	261.79	1.50	-1.16	-0.95
10974.00	88.20	180.20	9739.35	-1125.64	266.21	264.64	4.21	0.21	4.21
11070.00	91.70	181.80	9739.44	-1221.61	264.53	262.83	4.01	3.65	1.67
11164.00	90.80	181.70	9737.39	-1315.54	261.66	259.83	0.96	-0.96	-0.11
11260.00	90.10	181.70	9736.63	-1411.49	258.82	256.84	0.73	-0.73	0.00
11355.00	89.00	181.30	9737.38	-1506.46	256.33	254.23	1.23	-1.16	-0.42
11450.00	93.20	180.60	9735.56	-1601.40	254.75	252.52	4.48	4.42	-0.74
11546.00	91.60	179.80	9731.54	-1697.32	254.42	252.05	1.86	-1.67	-0.83
11641.00	89.80	179.60	9730.37	-1792.30	254.92	252.41	1.91	-1.89	-0.21
11736.00	88.60	179.60	9731.70	-1887.29	255.58	252.94	1.26	-1.26	0.00
11831.00	87.20	179.10	9735.18	-1982.22	256.66	253.89	1.56	-1.47	-0.53
11926.00	89.70	179.60	9737.75	-2077.17	257.73	254.83	2.68	2.63	0.53
12022.00	89.10	178.90	9738.76	-2173.15	258.99	255.96	0.96	-0.63	-0.73
12117.00	89.00	177.60	9740.33	-2268.09	261.89	258.72	1.37	-0.11	-1.37
12213.00	88.60	177.00	9742.34	-2363.97	266.41	263.11	0.75	-0.42	-0.63
12309.00	92.20	179.30	9741.67	-2459.89	269.51	266.08	4.45	3.75	2.40
12404.00	91.80	179.10	9738.36	-2554.82	270.84	267.27	0.47	-0.42	-0.21
12500.00	91.00	178.70	9736.01	-2650.78	272.68	268.96	0.93	-0.83	-0.42
12596.00	89.40	178.30	9735.68	-2746.74	275.19	271.36	1.72	-1.67	-0.42
12692.00	90.20	178.30	9736.01	-2842.70	278.04	274.07	0.83	0.83	0.00
12787.00	90.10	177.60	9735.76	-2937.63	281.44	277.34	0.74	-0.11	-0.74
12882.00	90.80	179.30	9735.02	-3032.59	284.01	279.77	1.94	0.74	1.79
12977.00	90.20	178.40	9734.19	-3127.57	285.91	281.55	1.14	-0.63	-0.95
13072.00	92.40	178.90	9732.03	-3222.51	288.15	283.65	2.37	2.32	0.53
13167.00	91.90	177.60	9728.47	-3317.40	291.05	286.42	1.47	-0.53	-1.37
13262.00	91.60	176.90	9725.57	-3412.24	295.61	290.84	0.80	-0.32	-0.74
13354.00	91.30	176.20	9723.24	-3504.05	301.14	296.25	0.83	-0.33	-0.76
13447.00	89.80	178.90	9722.35	-3596.95	305.12	300.09	3.32	-1.61	2.90
13538.00	88.50	178.30	9723.70	-3687.91	307.34	302.19	1.57	-1.43	-0.66
13631.00	89.20	181.30	9725.56	-3780.88	307.66	302.38	3.31	0.75	3.23
13723.00	89.70	182.20	9726.45	-3872.83	304.85	299.45	1.12	0.54	0.98
13815.00	88.80	181.70	9727.65	-3964.77	301.72	296.19	1.12	-0.98	-0.54
13908.00	89.90	184.00	9728.71	-4057.64	297.10	291.43	2.74	1.18	2.47
13999.00	88.80	183.20	9729.74	-4148.45	291.39	285.59	1.49	-1.21	-0.88
14094.00	92.00	183.50	9729.07	-4243.27	285.84	279.91	3.38	3.37	0.32
14188.00	90.00	182.70	9727.43	-4337.12	280.75	274.70	2.29	-2.13	-0.85
14283.00	95.80	183.60	9722.63	-4431.81	275.54	269.36	6.18	6.11	0.95
14378.00	95.70	183.10	9713.11	-4526.17	270.02	263.70	0.53	-0.11	-0.53
14472.00	94.30	181.80	9704.92	-4619.72	266.02	259.57	2.03	-1.49	-1.38
14567.00	92.30	179.50	9699.45	-4714.55	264.95	258.36	3.21	-2.11	-2.42
14662.00	91.20	178.80	9696.55	-4809.49	266.35	259.64	1.37	-1.16	-0.74
14758.00	90.70	177.60	9694.96	-4905.43	269.37	262.52	1.35	-0.52	-1.25
14853.00	88.10	176.30	9695.95	-5000.28	274.42	267.44	3.06	-2.74	-1.37
14948.00	87.00	175.60	9700.01	-5094.95	281.13	274.01	1.37	-1.16	-0.74
15043.00	86.10	176.30	9705.73	-5189.54	287.82	280.58	1.20	-0.95	0.74
15138.00	85.90	175.60	9712.36	-5284.07	294.52	287.14	0.76	-0.21	-0.74
15233.00	86.20	177.70	9718.90	-5378.68	300.05	292.54	2.23	0.32	2.21
15327.00	87.70	179.80	9723.90	-5472.52	302.10	294.46	2.74	1.60	2.23
15423.00	84.80	177.50	9730.18	-5568.27	304.35	296.58	3.85	-3.02	-2.40
15516.00	88.40	180.20	9735.70	-5661.06	306.21	298.31	4.84	3.87	2.90
15612.00	89.60	179.60	9737.37	-5757.04	306.38	298.34	1.40	1.25	-0.63
15707.00	89.00	179.00	9738.53	-5852.03	307.54	299.37	0.89	-0.63	-0.63
15802.00	93.50	180.90	9736.46	-5946.98	307.63	299.32	5.14	4.74	2.00
15897.00	93.90	179.80	9730.33	-6041.78	307.05	298.61	1.23	0.42	-1.16
15992.00	94.20	179.10	9723.62	-6136.53	307.96	299.39	0.80	0.32	-0.74
16087.00	91.10	179.50	9719.23	-6231.41	309.11	300.41	3.29	-3.26	0.42
16182.00	90.50	179.10	9717.90	-6326.40	310.27	301.44	0.76	-0.63	-0.42
16277.00	90.60	178.70	9716.99	-6421.37	312.10	303.13	0.43	0.11	-0.42
16372.00	90.60	178.20	9716.00	-6516.33	314.67	305.57	0.53	0.00	-0.53
16468.00	89.80	177.30	9715.66	-6612.26	318.44	309.20	1.25	-0.83	-0.94
16587.00	84.10	179.10	9721.99	-6730.98	322.17	312.77	5.02	-4.79	1.51

Survey Report

MD	Inc	Azi	TVD	NS	EW	VS	DLS	BR	TR
UsFt	°	°	UsFt	UsFt	UsFt	UsFt	(°/100 UsFt)	(°/100 UsFt)	(°/100 UsFt)
16682.00	87.40	181.00	9729.03	-6825.70	322.09	312.56	4.01	3.47	2.00
16777.00	88.20	181.20	9732.68	-6920.61	320.26	310.60	0.87	0.84	0.21
16872.00	88.30	180.50	9735.58	-7015.55	318.86	309.06	0.74	0.11	-0.74
16967.00	89.00	180.30	9737.82	-7110.52	318.19	308.26	0.77	0.74	-0.21
17062.00	88.90	180.50	9739.56	-7205.51	317.53	307.47	0.24	-0.11	0.21
17157.00	87.80	180.20	9742.29	-7300.46	316.95	306.76	1.20	-1.16	-0.32
17251.00	91.70	179.60	9742.70	-7394.44	317.11	306.79	4.20	4.15	-0.64
17347.00	94.30	180.30	9737.68	-7490.30	317.20	306.74	2.80	2.71	0.73
17441.00	90.20	181.40	9733.99	-7584.20	315.80	305.21	4.52	-4.36	1.17
17536.00	90.00	181.90	9733.82	-7679.16	313.07	302.35	0.57	-0.21	0.53
17631.00	88.60	181.30	9734.98	-7774.11	310.42	299.56	1.60	-1.47	-0.63
17726.00	88.00	180.40	9737.80	-7869.06	309.01	298.02	1.14	-0.63	-0.95
17822.00	86.70	180.00	9742.24	-7964.95	308.67	297.55	1.42	-1.35	-0.42
17917.00	88.00	179.80	9746.63	-8059.85	308.84	297.58	1.38	1.37	-0.21
18012.00	87.00	180.70	9750.78	-8154.76	308.42	297.04	1.42	-1.05	0.95
18107.00	88.20	181.30	9754.76	-8249.66	306.77	295.25	1.41	1.26	0.63
18202.00	87.50	180.20	9758.32	-8344.58	305.52	293.87	1.37	-0.74	-1.16
18297.00	91.00	179.80	9759.56	-8439.56	305.52	293.74	3.71	3.68	-0.42
18391.00	92.00	179.50	9757.10	-8533.52	306.10	294.18	1.11	1.06	-0.32
18486.00	93.00	179.00	9752.96	-8628.42	307.34	295.29	1.18	1.05	-0.53
18580.00	90.40	178.30	9750.17	-8722.34	309.55	297.38	2.86	-2.77	-0.74
18675.00	90.80	177.80	9749.18	-8817.28	312.79	300.48	0.67	0.42	-0.53
18770.00	91.10	178.30	9747.60	-8912.21	316.02	303.57	0.61	0.32	0.53
18865.00	88.90	178.90	9747.60	-9007.18	318.34	305.76	2.40	-2.32	0.63
18960.00	88.10	179.10	9750.09	-9102.13	320.00	307.29	0.87	-0.84	0.21
19055.00	86.10	178.70	9754.89	-9196.99	321.82	308.98	2.15	-2.11	-0.42
19150.00	88.30	178.20	9759.53	-9291.83	324.39	311.41	2.37	2.32	-0.53
19244.00	88.20	177.80	9762.40	-9385.73	327.66	314.56	0.44	-0.11	-0.43
19339.00	87.90	178.10	9765.64	-9480.62	331.06	317.82	0.45	-0.32	0.32
19434.00	86.50	178.00	9770.28	-9575.45	334.29	320.92	1.48	-1.47	-0.11
19525.00	87.90	179.20	9774.72	-9666.31	336.51	323.01	2.03	1.54	1.32
19618.00	87.50	177.60	9778.46	-9759.19	339.10	325.48	1.77	-0.43	-1.72
19714.00	88.80	178.90	9781.55	-9855.09	342.03	328.27	1.91	1.35	1.35
19809.00	91.50	180.30	9781.31	-9950.08	342.70	328.80	3.20	2.84	1.47
19902.00	90.40	182.60	9779.76	-10043.03	340.34	326.32	2.74	-1.18	2.47
19996.00	90.80	183.10	9778.78	-10136.91	335.67	321.52	0.68	0.43	0.53
20091.00	91.40	182.80	9776.96	-10231.76	330.78	316.49	0.71	0.63	-0.32
20186.00	90.60	182.60	9775.30	-10326.64	326.31	311.89	0.87	-0.84	-0.21
20280.00	93.00	182.60	9772.35	-10420.49	322.05	307.50	2.55	2.55	0.00
20375.00	93.30	182.50	9767.13	-10515.25	317.83	303.14	0.33	0.32	-0.11
20471.00	93.40	182.20	9761.52	-10611.01	313.90	299.08	0.33	0.10	-0.31
20566.00	91.40	180.50	9757.54	-10705.89	311.66	296.71	2.76	-2.11	-1.79
20659.00	90.50	179.90	9756.00	-10798.88	311.34	296.26	1.16	-0.97	-0.65
20754.00	89.40	179.30	9756.08	-10893.87	312.00	296.79	1.32	-1.16	-0.63
20849.00	95.40	179.80	9752.10	-10988.74	312.75	297.40	6.34	6.32	0.53
20945.00	95.50	178.40	9742.98	-11084.30	314.25	298.77	1.46	0.10	-1.46
21040.00	92.30	178.90	9736.52	-11179.04	316.48	300.87	3.41	-3.37	0.53
21134.00	90.10	177.80	9734.55	-11272.97	319.18	303.44	2.62	-2.34	-1.17
21229.00	88.20	177.50	9735.96	-11367.87	323.08	307.21	2.02	-2.00	-0.32
21324.00	88.70	179.10	9738.53	-11462.79	325.90	309.89	1.76	0.53	1.68
21420.00	88.50	178.50	9740.88	-11558.74	327.91	311.77	0.66	-0.21	-0.63
21515.00	88.10	177.70	9743.70	-11653.65	331.05	314.78	0.94	-0.42	-0.84
21611.00	90.10	177.30	9745.21	-11749.54	335.24	318.84	2.12	2.08	-0.42
21706.00	90.90	177.50	9744.38	-11844.44	339.55	323.01	0.87	0.84	0.21
21801.00	90.80	176.60	9742.97	-11939.30	344.44	327.77	0.95	-0.11	-0.95
21896.00	89.60	176.00	9742.64	-12034.10	350.57	333.77	1.41	-1.26	-0.63
21991.00	88.90	176.00	9743.88	-12128.86	357.20	340.26	0.74	-0.74	0.00
22086.00	88.80	175.50	9745.79	-12223.58	364.23	347.17	0.54	-0.11	-0.53
22179.00	88.40	175.40	9748.06	-12316.26	371.61	354.41	0.44	-0.43	-0.11
22273.00	88.30	175.30	9749.76	-12375.04	376.39	359.11	0.24	-0.17	-0.17
22296.00	88.30	175.30	9751.48	-12432.82	381.14	363.78	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-77694
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Voni Fed Com 121H
Location: Eddy, New Mexico
API Number: 30-015-46978
Tie In Depth: 0.00
Surveyed Depths: 228.00' - 22238.00'
Projected TD Survey: 22296.00'
Dates Performed: 05/22/2020 - 07/20/2020

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: Josh Mirelez
MWD Operations Manager: Charles Davis
Signature: 
Date: 07/28/2020
Email: charles.davis@msdir.com

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 28393

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 28393
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 28393

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 28393
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	RT C-104 expires 10/21/2021; submit all drilling, casing, and completion sundries/reports.	7/21/2021