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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Matador Production Company One Lincoln Centre, 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240	228937
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30-025-47101	WC-025 G-08 S253534O;BONE SPRING	97088

[7] Property Code	[8] Property Name	[9] Well Number
320549	LESLIE FEDERAL COM	124H

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	17	25S	35E		390	SOUTH	614	EAST	LEA

[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
A	8	25S	35E		110	NORTH	958	EAST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F	11/12/22			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
214984	Plains Marketing LP 1734 Preston Road, Suite 140 Dallas, TX 75252	O
317960	Lucid Energy Delaware LLC 105 S. 4th Artesia, NM 88210	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
1/27/22	11/12/22	21,105’	21,087’	11,008’-20,905’	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17.5”	13.375”	987’	845
9.875”	7.625”	10,318’	2330
6.75”	5.5”	21,092’	965

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
11/13/2022	11/13/22	11/16/22	24 hours	-	2700
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
36/64	2326	4099	4184		F

[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: Eileen M Kosakowski

Printed name: Eileen M Kosakowski

Title: Regulatory Analyst

E-mail Address: eileen.kosakowski@matadorresources.com

Date: 9/11/2023

Phone: 832-672-4604

OIL CONSERVATION DIVISION

Approved by: PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 5/2/2024

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**

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-47101	97088	WC-025 G-08 S253534O; BONE SPRING

[4]Property Code	[5]Property Name	[6]Well Number
320549	LESLIE FED COM	124H

[7]OGRID No.	[8]Operator Name	[9]Elevation
228937	MATADOR PRODUCTION COMPANY	3257'

[10]Surface Location

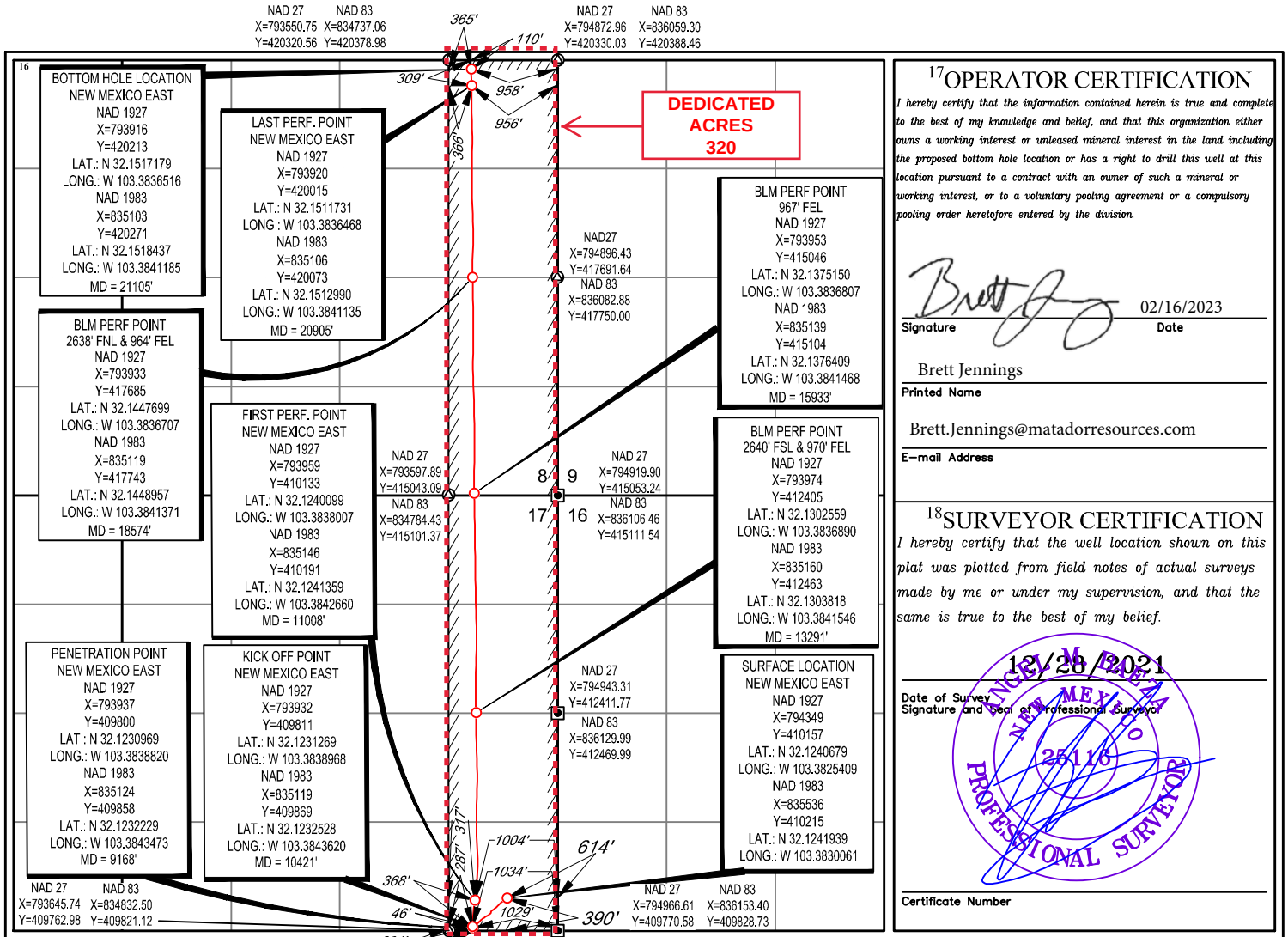
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	25-S	35-E	–	390'	SOUTH	614'	EAST	LEA

[11]Bottom 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	8	25-S	35-E	–	110'	NORTH	958'	EAST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
320		C	

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.



[16]

[17]OPERATOR 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 — Date: 02/16/2023

Brett Jennings
Printed Name

Brett.Jennings@matadorresources.com
E-mail Address

[18]SURVEYOR 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.

12/28/2021
Date of Survey
Signature and Seal of Professional Surveyor

NEW MEXICO 25116 PROFESSIONAL SURVEYOR

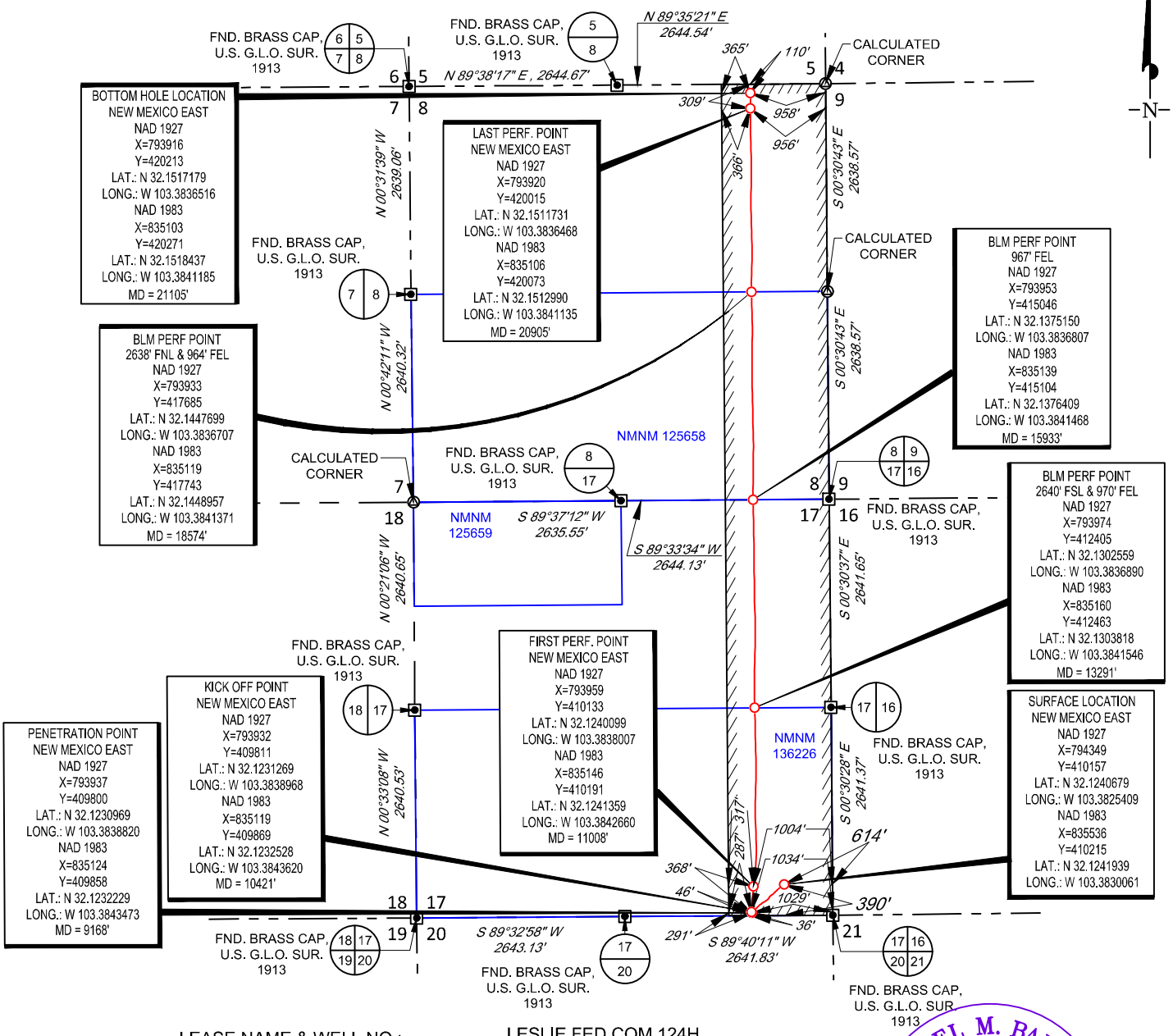
Certificate Number

S:\SURVEY\MATADOR_RESOURCES\LESLIE_17-25S-35E\FINAL_PRODUCTS\AD_LESLIE_FED_COM_124H.DWG 1/24/2023 12:39:37 PM juliana.franklin

SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 17, TOWNSHIP 25-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: LESLIE FED COM 124H

SECTION 17 TWP 25-S RGE 35-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3257'

DESCRIPTION 390' FSL & 614' FEL

ANGEL M. BAEZA NEW MEXICO 25116 PROFESSIONAL SURVEYOR

Matador PRODUCTION COMPANY

TOPOGRAPHIC LOYALTY INNOVATION LEGACY

481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM

Angel M. Baeza, P.S. No. 25116
January 23, 2023

LESLIE FED COM 124H AS-COMPLETED	REVISION: INT	DATE
DATE: 01/23/23		
FILE: AD_LESLIE_FED_COM_124H		
DRAWN BY: MML		
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.

S:\SURVEY\MATADOR_RESOURCES\LESLIE_17-25S-35E\FINAL_PRODUCTS\AD_LESLIE_FED_COM_124H.DWG 1/24/2023 12:39:40 PM juliana.franklin

LEGACY DIRECTIONAL

Directional Survey Report

Company Name:	Matador Production Company	State/Prov:	NM	Latitude:	32.12406	Proposed Azimuth:	359.49
Well Name:	Leslie Fed Com 124H	County:	Lea	Longitude:	-103.38254	Total Correction:	5.85
Field:	2nd Bone Springs	Location:		Y (Northing):	410157	North Reference:	Grid North
Rig ID:	Patterson 298	API/UWI:	30-025-47101	X (Easting):	794349	Mag Declination:	6.35
Survey Company:	Legacy Directional Drilling	MWD Operators:	Brian Kitchens	Datum:	NAD 1927	RKB:	3285.5
Job Number:	HU220043		Michael Fogle	Permanent Datum:	Mean Sea Level	Ground Elevation:	28.5
Survey Calc:	Minimum Curvature		Martin Tate	Depth Reference:	Rotary Table	Report Date:	21May2022

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp
Tie In	952.5	1.00	258.17	952.39	0.91	-10.60	1.00	0.00	0	10.64	274.91	0.0
1	1114	0.69	238.11	1113.87	0.11	-12.81	0.22	0.26	161.5	12.81	270.48	93.2
2	1206	0.44	256.06	1205.87	-0.27	-13.62	-0.15	0.33	92	13.62	268.86	95.0
3	1297	0.59	232.39	1296.86	-0.64	-14.33	-0.51	0.28	91	14.34	267.44	98.6
4	1389	0.55	214.91	1388.86	-1.29	-14.96	-1.16	0.19	92	15.01	265.06	104.0
5	1481	0.72	226.09	1480.85	-2.05	-15.63	-1.92	0.23	92	15.76	262.51	109.4
6	1570	0.76	230.44	1569.85	-2.82	-16.48	-2.67	0.08	89	16.72	260.30	111.2
7	1665	0.67	242.10	1664.84	-3.48	-17.46	-3.32	0.18	95	17.80	258.73	113.0
8	1760	0.66	215.32	1759.83	-4.19	-18.27	-4.02	0.32	95	18.74	257.09	114.8
9	1854	0.56	225.90	1853.83	-4.95	-18.91	-4.78	0.16	94	19.55	255.34	118.4
10	1947	1.88	223.08	1946.80	-6.38	-20.28	-6.20	1.42	93	21.26	252.54	120.2
11	2042	2.15	216.87	2041.75	-8.94	-22.41	-8.74	0.37	95	24.13	248.25	122.0
12	2137	3.08	241.52	2136.65	-11.58	-25.72	-11.36	1.51	95	28.21	245.76	123.8
13	2231	3.08	235.67	2230.51	-14.21	-30.03	-13.94	0.33	94	33.22	244.67	125.6
14	2326	4.30	233.19	2325.31	-17.79	-34.99	-17.47	1.29	95	39.25	243.05	122.0
15	2419	4.25	233.79	2418.06	-21.91	-40.56	-21.55	0.07	93	46.10	241.62	125.6
16	2513	5.18	226.30	2511.74	-26.90	-46.44	-26.49	1.18	94	53.67	239.92	127.4
17	2607	5.03	228.13	2605.37	-32.58	-52.58	-32.11	0.24	94	61.85	238.21	127.4
18	2702	5.94	230.38	2699.93	-38.50	-59.46	-37.97	0.98	95	70.84	237.08	129.2
19	2797	5.77	230.18	2794.43	-44.69	-66.92	-44.09	0.18	95	80.47	236.26	131.0
20	2891	5.13	230.39	2888.01	-50.40	-73.78	-49.74	0.68	94	89.35	235.67	131.0
21	2986	5.39	223.72	2982.61	-56.33	-80.14	-55.61	0.70	95	97.96	234.90	131.0
22	3081	6.57	224.64	3077.09	-63.42	-87.04	-62.64	1.25	95	107.70	233.92	132.8
23	3175	6.28	224.01	3170.50	-70.94	-94.39	-70.10	0.32	94	118.08	233.07	134.6
24	3270	5.51	223.60	3265.00	-77.98	-101.15	-77.08	0.81	95	127.72	232.37	134.6
25	3365	4.89	226.45	3359.61	-84.08	-107.23	-83.12	0.71	95	136.26	231.90	134.6
26	3459	5.44	227.20	3453.22	-89.86	-113.40	-88.85	0.59	94	144.69	231.61	131.0
27	3553	6.45	227.76	3546.72	-96.44	-120.58	-95.36	1.08	94	154.40	231.35	132.8
28	3647	5.95	228.90	3640.17	-103.19	-128.16	-102.05	0.55	94	164.54	231.16	138.2
29	3742	5.01	227.60	3734.73	-109.23	-134.94	-108.02	1.00	95	173.60	231.01	140.0
30	3836	5.17	224.74	3828.36	-115.00	-140.95	-113.74	0.32	94	181.91	230.79	143.6

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp
31	3931	6.75	232.85	3922.85	-121.42	-148.41	-120.09	1.88	95	191.75	230.71	147.2
32	4025	6.88	235.95	4016.18	-127.91	-157.48	-126.50	0.41	94	202.88	230.92	147.2
33	4119	6.30	234.07	4109.56	-134.09	-166.33	-132.60	0.66	94	213.64	231.13	149.0
34	4212	5.33	234.16	4202.08	-139.61	-173.96	-138.06	1.04	93	223.05	231.25	149.0
35	4307	5.81	226.98	4296.63	-145.47	-181.05	-143.86	0.89	95	232.26	231.22	149.0
36	4402	4.92	224.54	4391.22	-151.66	-187.42	-149.98	0.97	95	241.10	231.02	149.0
37	4496	3.41	199.01	4484.97	-157.18	-191.16	-155.47	2.51	94	247.48	230.57	149.0
38	4590	3.81	190.67	4578.79	-162.89	-192.65	-161.17	0.70	94	252.28	229.79	138.2
39	4685	5.17	207.38	4673.50	-169.79	-195.20	-168.05	1.97	95	258.72	228.98	136.4
40	4777	5.93	219.93	4765.07	-177.12	-200.16	-175.33	1.55	92	267.27	228.50	136.4
41	4871	6.45	227.64	4858.52	-184.40	-207.18	-182.55	1.04	94	277.36	228.33	136.4
42	4964	7.08	232.16	4950.87	-191.43	-215.57	-189.51	0.89	93	288.30	228.39	134.6
43	5058	6.77	235.44	5044.19	-198.13	-224.70	-196.12	0.53	94	299.58	228.60	136.4
44	5153	7.31	239.97	5138.47	-204.33	-234.55	-202.24	0.81	95	311.07	228.94	138.2
45	5246	6.78	238.93	5230.77	-210.13	-244.37	-207.94	0.59	93	322.29	229.31	134.6
46	5340	5.97	239.49	5324.19	-215.47	-253.34	-213.21	0.86	94	332.58	229.62	131.0
47	5434	6.87	237.76	5417.60	-220.95	-262.30	-218.61	0.98	94	342.96	229.89	136.4
48	5528	7.42	237.15	5510.87	-227.24	-272.16	-224.81	0.59	94	354.56	230.14	136.4
49	5622	7.11	235.12	5604.11	-233.86	-282.03	-231.34	0.43	94	366.38	230.33	138.2
50	5717	6.65	234.69	5698.43	-240.40	-291.34	-237.80	0.49	95	377.72	230.47	138.2
51	5811	6.06	235.34	5791.85	-246.37	-299.86	-243.69	0.63	94	388.10	230.59	138.2
52	5906	6.48	230.48	5886.28	-252.64	-308.12	-249.88	0.71	95	398.45	230.65	138.2
53	6000	6.60	226.97	5979.67	-259.70	-316.17	-256.87	0.44	94	409.15	230.60	140.0
54	6094	6.20	223.06	6073.09	-267.09	-323.58	-264.20	0.63	94	419.57	230.46	140.0
55	6187	5.93	228.70	6165.57	-273.93	-330.62	-270.98	0.70	93	429.36	230.36	140.0
56	6281	6.03	227.99	6259.05	-280.44	-337.93	-277.42	0.13	94	439.14	230.31	138.2
57	6374	6.82	227.25	6351.47	-287.46	-345.62	-284.37	0.85	93	449.54	230.25	140.0
58	6468	7.09	225.76	6444.78	-295.29	-353.87	-292.13	0.35	94	460.90	230.16	141.8
59	6563	6.48	226.62	6539.11	-303.07	-361.97	-299.83	0.65	95	472.09	230.06	143.6
60	6656	6.12	225.92	6631.55	-310.12	-369.35	-306.82	0.40	93	482.28	229.98	145.4
61	6747	6.40	227.20	6722.01	-316.94	-376.55	-313.58	0.34	91	492.18	229.91	147.2
62	6841	6.30	226.24	6815.43	-324.07	-384.12	-320.64	0.16	94	502.56	229.85	149.0
63	6936	5.86	227.38	6909.90	-330.96	-391.45	-327.46	0.48	95	512.61	229.79	149.0
64	7031	5.40	226.12	7004.44	-337.34	-398.24	-333.78	0.50	95	521.92	229.73	150.8
65	7124	4.86	226.32	7097.07	-343.09	-404.25	-339.48	0.58	93	530.22	229.68	150.8
66	7218	3.08	213.39	7190.84	-347.95	-408.52	-344.30	2.11	94	536.62	229.58	152.6
67	7313	2.98	215.25	7285.71	-352.10	-411.35	-348.42	0.15	95	541.46	229.44	152.6
68	7408	1.94	222.01	7380.62	-355.31	-413.85	-351.61	1.13	95	545.45	229.35	150.8
69	7502	0.64	256.49	7474.59	-356.62	-415.42	-352.90	1.55	94	547.50	229.36	149.0
70	7597	0.69	241.01	7569.59	-357.02	-416.44	-353.30	0.20	95	548.53	229.39	152.6
71	7691	0.61	219.32	7663.58	-357.68	-417.25	-353.95	0.27	94	549.58	229.40	147.2
72	7786	0.28	244.16	7758.58	-358.17	-417.78	-354.44	0.39	95	550.30	229.39	149.0
73	7881	0.30	43.24	7853.58	-358.09	-417.82	-354.36	0.60	95	550.28	229.40	150.8

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp
74	7975	0.31	30.12	7947.57	-357.69	-417.52	-353.96	0.07	94	549.79	229.41	150.8
75	8069	0.07	340.65	8041.57	-357.42	-417.42	-353.69	0.29	94	549.53	229.43	150.8
76	8163	0.02	67.31	8135.57	-357.36	-417.42	-353.63	0.08	94	549.49	229.43	150.8
77	8257	0.11	151.32	8229.57	-357.43	-417.36	-353.70	0.12	94	549.50	229.42	149.0
78	8351	0.20	120.99	8323.57	-357.59	-417.18	-353.87	0.13	94	549.46	229.40	149.0
79	8445	0.15	149.22	8417.57	-357.78	-416.97	-354.06	0.10	94	549.43	229.37	150.8
80	8540	0.32	82.12	8512.57	-357.85	-416.65	-354.13	0.31	95	549.23	229.34	152.6
81	8635	0.36	81.84	8607.57	-357.78	-416.09	-354.06	0.04	95	548.76	229.31	150.8
82	8729	0.39	102.21	8701.57	-357.80	-415.48	-354.09	0.14	94	548.31	229.27	150.8
83	8823	0.46	86.48	8795.57	-357.85	-414.79	-354.14	0.14	94	547.82	229.22	150.8
84	8917	0.32	74.05	8889.56	-357.75	-414.17	-354.05	0.17	94	547.28	229.18	152.6
85	9012	0.51	77.49	8984.56	-357.59	-413.50	-353.89	0.20	95	546.67	229.15	149.0
86	9107	0.54	60.55	9079.56	-357.27	-412.70	-353.59	0.17	95	545.86	229.12	149.0
87	9202	0.78	59.86	9174.55	-356.73	-411.75	-353.05	0.25	95	544.79	229.09	145.4
88	9296	0.94	57.13	9268.54	-355.99	-410.55	-352.32	0.18	94	543.39	229.07	149.0
89	9389	1.06	48.30	9361.53	-355.00	-409.26	-351.35	0.21	93	541.78	229.06	150.8
90	9482	0.97	47.99	9454.51	-353.90	-408.04	-350.26	0.10	93	540.13	229.06	131.0
91	9576	1.29	43.60	9548.49	-352.61	-406.71	-348.97	0.35	94	538.28	229.08	136.4
92	9670	1.10	21.58	9642.47	-351.00	-405.65	-347.38	0.52	94	536.43	229.13	141.8
93	9764	1.03	349.55	9736.46	-349.33	-405.47	-345.71	0.63	94	535.20	229.25	143.6
94	9858	1.08	325.13	9830.44	-347.77	-406.13	-344.14	0.48	94	534.69	229.43	145.4
95	9952	1.16	313.38	9924.43	-346.39	-407.33	-342.75	0.26	94	534.70	229.62	149.0
96	10048	1.29	314.67	10020.40	-344.97	-408.81	-341.31	0.14	96	534.91	229.84	149.0
97	10142	0.38	310.47	10114.39	-344.02	-409.80	-340.36	0.97	94	535.05	229.99	150.8
98	10237	0.74	232.14	10209.39	-344.19	-410.52	-340.52	0.80	95	535.72	230.02	152.6
99	10268	1.17	237.81	10240.38	-344.48	-410.95	-340.81	1.42	31	536.23	230.03	152.6
100	10360	2.75	251.82	10332.33	-345.67	-413.84	-341.97	1.78	92	539.21	230.13	125.6
101	10422	2.84	272.66	10394.26	-346.06	-416.79	-342.34	1.64	62	541.73	230.30	129.2
102	10516	16.90	359.77	10486.85	-332.19	-419.18	-328.45	18.07	94	534.85	231.60	134.6
103	10610	26.50	3.77	10574.09	-297.52	-417.86	-293.79	10.33	94	512.95	234.55	138.2
104	10704	34.36	4.26	10655.08	-250.07	-414.50	-246.37	8.37	94	484.09	238.90	140.0
105	10798	43.03	5.43	10728.37	-191.57	-409.49	-187.92	9.26	94	452.08	244.93	143.6
106	10892	50.90	7.29	10792.48	-123.36	-401.81	-119.77	8.50	94	420.32	252.93	145.4
107	10983	61.52	6.77	10843.01	-48.40	-392.59	-44.90	11.68	91	395.56	262.97	145.4
108	11074	73.93	6.40	10877.44	35.09	-382.96	38.50	13.64	91	384.57	275.24	145.4
109	11165	82.26	5.91	10896.20	123.54	-373.43	126.86	9.17	91	393.34	288.31	145.4
110	11257	87.63	4.24	10904.30	214.79	-365.33	218.03	6.11	92	423.80	300.45	149.0
111	11348	89.03	3.97	10906.95	305.52	-358.82	308.70	1.57	91	471.27	310.41	150.8
112	11440	91.39	1.64	10906.61	397.39	-354.32	400.53	3.60	92	532.41	318.28	150.8
113	11530	91.44	358.56	10904.39	487.35	-354.16	490.49	3.42	90	602.45	323.99	150.8
114	11622	92.70	357.88	10901.07	579.25	-357.02	582.40	1.56	92	680.43	328.35	150.8
115	11714	93.01	356.72	10896.49	671.03	-361.35	674.22	1.30	92	762.14	331.70	150.8
116	11804	87.85	357.47	10895.81	760.88	-365.91	764.11	5.79	90	844.29	334.32	152.6

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp
117	11897	87.24	359.30	10899.79	853.75	-368.53	857.00	2.07	93	929.89	336.65	136.4
118	11992	87.01	359.74	10904.56	948.63	-369.32	951.88	0.52	95	1017.99	338.73	143.6
119	12086	87.63	1.17	10908.95	1042.52	-368.57	1045.76	1.66	94	1105.76	340.53	145.4
120	12181	88.58	1.49	10912.10	1137.44	-366.37	1140.66	1.06	95	1194.99	342.15	147.2
121	12275	87.80	1.34	10915.06	1231.37	-364.05	1234.56	0.84	94	1284.05	343.53	149.0
122	12369	87.55	1.50	10918.88	1325.26	-361.72	1328.43	0.32	94	1373.74	344.73	150.8
123	12463	88.72	0.97	10921.94	1419.19	-359.70	1422.33	1.37	94	1464.06	345.78	150.8
124	12557	88.61	359.11	10924.13	1513.16	-359.63	1516.30	1.98	94	1555.31	346.63	152.6
125	12651	90.71	359.12	10924.69	1607.14	-361.08	1610.29	2.23	94	1647.20	347.34	152.6
126	12744	90.63	358.27	10923.60	1700.11	-363.20	1703.27	0.92	93	1738.47	347.94	154.4
127	12838	89.99	357.39	10923.09	1794.04	-366.76	1797.23	1.16	94	1831.14	348.45	156.2
128	12933	89.51	358.49	10923.50	1888.97	-370.18	1892.19	1.26	95	1924.90	348.91	154.4
129	13027	88.92	0.01	10924.79	1982.95	-371.41	1986.18	1.73	94	2017.43	349.39	154.4
130	13121	88.78	359.27	10926.68	2076.93	-372.00	2080.16	0.80	94	2109.98	349.85	156.2
131	13215	88.84	358.73	10928.63	2170.90	-373.64	2174.14	0.58	94	2202.81	350.23	158.0
132	13310	87.49	358.67	10931.67	2265.82	-375.79	2269.08	1.42	95	2296.77	350.58	156.2
133	13404	88.89	359.28	10934.64	2359.76	-377.47	2363.02	1.62	94	2389.76	350.91	159.8
134	13498	88.19	358.49	10937.04	2453.71	-379.30	2456.98	1.12	94	2482.85	351.21	159.8
135	13593	89.28	0.01	10939.13	2548.67	-380.54	2551.96	1.97	95	2576.92	351.51	159.8
136	13687	90.52	1.48	10939.30	2642.66	-379.32	2645.93	2.05	94	2669.74	351.83	161.6
137	13782	89.59	1.21	10939.21	2737.63	-377.09	2740.88	1.02	95	2763.48	352.16	163.4
138	13875	90.24	1.48	10939.34	2830.60	-374.91	2833.83	0.76	93	2855.32	352.46	163.4
139	13971	89.87	1.38	10939.25	2926.57	-372.51	2929.77	0.40	96	2950.19	352.75	163.4
140	14065	89.48	1.26	10939.79	3020.55	-370.35	3023.72	0.43	94	3043.17	353.01	163.4
141	14158	89.12	0.32	10940.92	3113.53	-369.06	3116.69	1.08	93	3135.33	353.24	163.4
142	14254	88.81	359.67	10942.66	3209.51	-369.07	3212.67	0.75	96	3230.67	353.44	163.4
143	14348	89.57	359.33	10943.98	3303.50	-369.89	3306.66	0.89	94	3324.14	353.61	165.2
144	14443	88.02	358.34	10945.98	3398.46	-371.82	3401.63	1.94	95	3418.74	353.76	165.2
145	14537	86.45	358.11	10950.52	3492.30	-374.73	3495.50	1.69	94	3512.35	353.88	165.2
146	14631	88.28	358.14	10954.84	3586.14	-377.80	3589.37	1.95	94	3605.99	353.99	165.2
147	14726	89.62	359.48	10956.58	3681.10	-379.78	3684.34	1.99	95	3700.64	354.11	165.2
148	14821	89.70	359.67	10957.14	3776.10	-380.48	3779.34	0.22	95	3795.22	354.25	0.0
149	14915	89.65	359.00	10957.68	3870.09	-381.57	3873.33	0.71	94	3888.86	354.37	168.8
150	15010	88.95	358.56	10958.84	3965.06	-383.59	3968.32	0.87	95	3983.57	354.47	168.8
151	15104	89.06	0.15	10960.47	4059.04	-384.65	4062.30	1.70	94	4077.22	354.59	168.8
152	15199	87.66	358.98	10963.19	4153.99	-385.37	4157.26	1.92	95	4171.83	354.70	170.6
153	15294	88.39	359.87	10966.46	4248.93	-386.33	4252.20	1.21	95	4266.46	354.80	165.2
154	15388	90.10	359.86	10967.70	4342.92	-386.55	4346.19	1.82	94	4360.09	354.91	168.8
155	15483	91.08	358.92	10966.72	4437.91	-387.56	4441.18	1.43	95	4454.80	355.01	170.6
156	15577	90.13	358.41	10965.73	4531.87	-389.75	4535.16	1.15	94	4548.60	355.08	170.6
157	15672	90.27	359.22	10965.40	4626.85	-391.71	4630.16	0.87	95	4643.40	355.16	170.6
158	15766	88.78	359.62	10966.18	4720.84	-392.66	4724.15	1.64	94	4737.14	355.25	170.6
159	15861	87.10	358.29	10969.59	4815.76	-394.40	4819.08	2.25	95	4831.88	355.32	172.4

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp
160	15955	89.62	358.83	10972.28	4909.68	-396.76	4913.02	2.74	94	4925.69	355.38	168.8
161	16049	91.16	0.39	10971.64	5003.67	-397.40	5007.01	2.33	94	5019.43	355.46	170.6
162	16144	90.04	0.49	10970.65	5098.66	-396.67	5101.99	1.18	95	5114.07	355.55	172.4
163	16238	88.22	0.18	10972.08	5192.65	-396.12	5195.97	1.96	94	5207.73	355.64	172.4
164	16332	88.02	0.61	10975.16	5286.59	-395.47	5289.90	0.50	94	5301.36	355.72	172.4
165	16427	91.27	1.09	10975.75	5381.57	-394.06	5384.86	3.46	95	5395.98	355.81	172.4
166	16522	94.64	1.13	10970.85	5476.41	-392.22	5479.68	3.55	95	5490.44	355.90	172.4
167	16617	90.80	359.95	10966.34	5571.28	-391.33	5574.54	4.23	95	5585.01	355.98	170.6
168	16710	89.09	358.26	10966.43	5664.26	-392.78	5667.53	2.59	93	5677.86	356.03	174.2
169	16805	89.68	359.02	10967.45	5759.23	-395.04	5762.52	1.01	95	5772.76	356.08	172.4
170	16899	88.11	358.01	10969.27	5853.17	-397.47	5856.48	1.99	94	5866.65	356.12	174.2
171	16994	89.34	359.33	10971.38	5948.12	-399.68	5951.44	1.90	95	5961.53	356.16	174.2
172	17088	87.52	359.35	10973.95	6042.08	-400.76	6045.40	1.94	94	6055.35	356.21	174.2
173	17183	89.12	358.07	10976.74	6137.01	-402.90	6140.35	2.16	95	6150.22	356.24	174.2
174	17277	90.07	357.74	10977.40	6230.94	-406.33	6234.31	1.07	94	6244.17	356.27	174.2
175	17372	89.85	358.56	10977.47	6325.89	-409.40	6329.28	0.89	95	6339.12	356.30	170.6
176	17466	88.42	359.56	10978.89	6419.86	-410.94	6423.27	1.86	94	6433.00	356.34	174.2
177	17560	89.00	359.98	10981.01	6513.84	-411.32	6517.24	0.76	94	6526.81	356.39	174.2
178	17655	90.49	0.73	10981.43	6608.83	-410.73	6612.22	1.76	95	6621.58	356.44	177.8
179	17750	95.59	0.50	10976.39	6703.66	-409.71	6707.04	5.37	95	6716.17	356.50	161.6
180	17843	93.41	1.07	10969.10	6796.36	-408.44	6799.73	2.42	93	6808.62	356.56	167.0
181	17938	92.76	0.53	10963.98	6891.21	-407.12	6894.56	0.89	95	6903.23	356.62	168.8
182	18033	92.09	0.26	10959.96	6986.12	-406.46	6989.46	0.76	95	6997.94	356.67	170.6
183	18127	90.55	359.13	10957.80	7080.09	-406.96	7083.43	2.03	94	7091.78	356.71	0.0
184	18222	91.47	358.83	10956.12	7175.06	-408.65	7178.41	1.02	95	7186.69	356.74	172.4
185	18317	90.49	358.08	10954.50	7270.01	-411.22	7273.38	1.30	95	7281.63	356.76	174.2
186	18411	88.19	358.54	10955.58	7363.96	-413.99	7367.35	2.50	94	7375.59	356.78	174.2
187	18505	87.86	359.65	10958.82	7457.89	-415.47	7461.29	1.23	94	7469.45	356.81	174.2
188	18599	85.92	358.64	10963.92	7551.73	-416.87	7555.15	2.33	94	7563.23	356.84	165.2
189	18694	87.21	0.59	10969.61	7646.55	-417.51	7649.97	2.46	95	7657.94	356.87	172.4
190	18788	89.40	1.32	10972.39	7740.49	-415.94	7743.89	2.46	94	7751.66	356.92	172.4
191	18883	94.84	2.35	10968.88	7835.34	-412.90	7838.71	5.83	95	7846.22	356.98	174.2
192	18977	94.48	0.88	10961.24	7928.99	-410.26	7932.33	1.61	94	7939.60	357.04	174.2
193	19071	90.41	359.46	10957.23	8022.88	-409.99	8026.22	4.59	94	8033.35	357.07	174.2
194	19165	90.10	359.58	10956.82	8116.88	-410.77	8120.21	0.35	94	8127.27	357.10	176.0
195	19259	89.59	358.76	10957.07	8210.87	-412.14	8214.21	1.03	94	8221.21	357.13	176.0
196	19351	89.12	358.24	10958.11	8302.83	-414.54	8306.19	0.76	92	8313.17	357.14	176.0
197	19445	88.45	357.83	10960.10	8396.75	-417.77	8400.14	0.84	94	8407.14	357.15	177.8
198	19540	89.37	357.95	10961.91	8491.67	-421.26	8495.08	0.98	95	8502.11	357.16	176.0
199	19634	88.98	358.80	10963.26	8585.62	-423.93	8589.06	0.99	94	8596.08	357.17	176.0
200	19726	89.40	0.82	10964.56	8677.61	-424.23	8681.04	2.24	92	8687.97	357.20	176.0
201	19821	90.60	0.78	10964.56	8772.60	-422.91	8776.01	1.26	95	8782.78	357.24	177.8
202	19915	90.15	0.42	10963.94	8866.59	-421.92	8869.99	0.61	94	8876.62	357.28	177.8

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp
203	20009	90.94	0.27	10963.05	8960.58	-421.36	8963.98	0.86	94	8970.48	357.31	176.0
204	20104	90.52	0.08	10961.84	9055.57	-421.07	9058.96	0.49	95	9065.36	357.34	177.8
205	20198	91.44	0.59	10960.23	9149.56	-420.52	9152.94	1.12	94	9159.22	357.37	179.6
206	20292	92.09	359.40	10957.34	9243.51	-420.53	9246.89	1.44	94	9253.07	357.40	181.4
207	20387	93.43	358.44	10952.76	9338.38	-422.31	9341.77	1.73	95	9347.92	357.41	179.6
208	20480	92.37	358.51	10948.06	9431.23	-424.79	9434.63	1.14	93	9440.79	357.42	179.6
209	20575	90.97	358.75	10945.29	9526.16	-427.06	9529.58	1.50	95	9535.72	357.43	181.4
210	20668	90.24	359.88	10944.31	9619.14	-428.17	9622.57	1.45	93	9628.67	357.45	177.8
211	20763	89.23	359.77	10944.75	9714.14	-428.46	9717.57	1.07	95	9723.58	357.47	177.8
212	20856	88.84	359.35	10946.31	9807.12	-429.17	9810.56	0.62	93	9816.51	357.49	177.8
213	20950	87.49	359.33	10949.32	9901.07	-430.25	9904.50	1.44	94	9910.41	357.51	179.6
214	21037	87.52	358.84	10953.11	9987.97	-431.64	9991.42	0.56	87	9997.30	357.53	177.8
PTB	21105	87.52	358.84	10956.05	10055.90	-433.02	10059.35	0.00	68	10065.21	357.53	0.0

Survey	Depth	Inc	Azm	TVD	N/S	E/W	Vertical Section	DLS	Course Length	Closure Distance	Closure Direction	Temp

Matador Resources Company

Lea County, New Mexico (NAD27)
Leslie Fed Com
Leslie Fed Com 124H

OH

Design: OH

Standard Survey Report

21 May, 2022

This survey is correct to the best of my knowledge and is supported by actual field data.

Cameron Stevens

Notarized this date 21st of May, 2022.

Carrie Reed
Notary Signature
County of Midland
State of Texas

CARRIE REED
Notary ID #126278213
My Commission Expires
November 14, 2023

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Project Lea County, New Mexico (NAD27)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site Leslie Fed Com

Site Position:		**Northing:**	410,157.00 usft	**Latitude:**	32° 7' 26.635999 N
From:	Map	**Easting:**	794,439.00 usft	**Longitude:**	103° 22' 56.100275 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "		

Well Leslie Fed Com 124H

Well Position	**+N/-S**	0.00 usft	**Northing:**	410,157.00 usft	**Latitude:**	32° 7' 26.643860 N
	+E/-W	0.00 usft	**Easting:**	794,349.00 usft	**Longitude:**	103° 22' 57.146721 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,257.00 usft
Grid Convergence:		0.51 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/13/2022	6.35	59.81	47,368.78689503

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	359.49

Survey Program **Date** 5/21/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
23.50	952.50	Survey #1 (OH)	MWD	OWSG MWD - Standard
1,114.00	21,105.00	Legacy MWD (OH)	MWD	OWSG MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23.50	0.00	0.00	23.50	0.00	0.00	0.00	0.00	0.00	0.00
179.50	0.60	233.00	179.50	-0.49	-0.65	-0.49	0.38	0.38	0.00
265.50	1.30	214.40	265.48	-1.57	-1.56	-1.55	0.88	0.81	-21.63
377.50	0.53	310.82	377.47	-2.28	-2.67	-2.25	1.30	-0.69	86.09
472.50	1.32	306.69	472.46	-1.34	-3.88	-1.30	0.83	0.83	-4.35
567.50	1.05	341.05	567.44	0.14	-5.04	0.19	0.79	-0.28	36.17

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
661.50	0.70	289.72	661.43	1.15	-5.86	1.20	0.87	-0.37	-54.61
756.50	1.00	273.50	756.42	1.40	-7.24	1.46	0.40	0.32	-17.07
851.50	1.00	257.91	851.41	1.27	-8.88	1.35	0.29	0.00	-16.41
952.50	1.00	258.17	952.39	0.91	-10.60	1.00	0.00	0.00	0.26
1,114.00	0.69	238.11	1,113.87	0.10	-12.80	0.22	0.26	-0.19	-12.42
1,206.00	0.44	256.06	1,205.87	-0.27	-13.62	-0.15	0.33	-0.27	19.51
1,297.00	0.59	232.39	1,296.87	-0.64	-14.33	-0.52	0.28	0.16	-26.01
1,389.00	0.55	214.91	1,388.86	-1.29	-14.96	-1.16	0.19	-0.04	-19.00
1,481.00	0.72	226.09	1,480.86	-2.06	-15.63	-1.92	0.23	0.18	12.15
1,570.00	0.76	230.44	1,569.85	-2.82	-16.48	-2.67	0.08	0.04	4.89
1,665.00	0.67	242.10	1,664.84	-3.48	-17.46	-3.33	0.18	-0.09	12.27
1,760.00	0.66	215.32	1,759.84	-4.19	-18.27	-4.03	0.32	-0.01	-28.19
1,854.00	0.56	225.90	1,853.83	-4.95	-18.91	-4.78	0.16	-0.11	11.26
1,947.00	1.88	223.08	1,946.81	-6.38	-20.28	-6.20	1.42	1.42	-3.03
2,042.00	2.15	216.87	2,041.75	-8.94	-22.41	-8.74	0.37	0.28	-6.54
2,137.00	3.08	241.52	2,136.65	-11.59	-25.72	-11.36	1.51	0.98	25.95
2,231.00	3.08	235.67	2,230.52	-14.22	-30.03	-13.95	0.33	0.00	-6.22
2,326.00	4.30	233.19	2,325.32	-17.79	-34.99	-17.48	1.29	1.28	-2.61
2,419.00	4.25	233.79	2,418.06	-21.91	-40.56	-21.55	0.07	-0.05	0.65
2,513.00	5.18	226.30	2,511.74	-26.90	-46.44	-26.49	1.18	0.99	-7.97
2,607.00	5.03	228.13	2,605.37	-32.59	-52.58	-32.12	0.24	-0.16	1.95
2,702.00	5.94	230.38	2,699.93	-38.50	-59.46	-37.97	0.98	0.96	2.37
2,797.00	5.77	230.18	2,794.44	-44.69	-66.92	-44.10	0.18	-0.18	-0.21
2,891.00	5.13	230.39	2,888.01	-50.40	-73.78	-49.74	0.68	-0.68	0.22
2,986.00	5.39	223.72	2,982.61	-56.33	-80.14	-55.61	0.70	0.27	-7.02
3,081.00	6.57	224.64	3,077.09	-63.42	-87.04	-62.65	1.25	1.24	0.97
3,175.00	6.28	224.01	3,170.50	-70.95	-94.39	-70.10	0.32	-0.31	-0.67
3,270.00	5.51	223.60	3,265.00	-77.99	-101.15	-77.08	0.81	-0.81	-0.43
3,365.00	4.89	226.45	3,359.61	-84.08	-107.23	-83.12	0.71	-0.65	3.00
3,459.00	5.44	227.20	3,453.23	-89.87	-113.40	-88.85	0.59	0.59	0.80
3,553.00	6.45	227.76	3,546.72	-96.44	-120.58	-95.37	1.08	1.07	0.60
3,647.00	5.95	228.90	3,640.17	-103.20	-128.16	-102.05	0.55	-0.53	1.21
3,742.00	5.01	227.60	3,734.73	-109.23	-134.93	-108.02	1.00	-0.99	-1.37
3,836.00	5.17	224.74	3,828.36	-115.01	-140.95	-113.75	0.32	0.17	-3.04
3,931.00	6.75	232.85	3,922.85	-121.42	-148.41	-120.09	1.88	1.66	8.54
4,025.00	6.88	235.95	4,016.18	-127.91	-157.48	-126.50	0.41	0.14	3.30
4,119.00	6.30	234.07	4,109.56	-134.09	-166.32	-132.60	0.66	-0.62	-2.00
4,212.00	5.33	234.16	4,202.08	-139.61	-173.95	-138.06	1.04	-1.04	0.10
4,307.00	5.81	226.98	4,296.64	-145.47	-181.05	-143.86	0.89	0.51	-7.56
4,402.00	4.92	224.54	4,391.22	-151.66	-187.42	-149.98	0.97	-0.94	-2.57
4,496.00	3.41	199.01	4,484.98	-157.17	-191.16	-155.47	2.51	-1.61	-27.16
4,590.00	3.81	190.67	4,578.79	-162.89	-192.65	-161.17	0.70	0.43	-8.87

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,685.00	5.17	207.38	4,673.50	-169.79	-195.20	-168.05	1.97	1.43	17.59
4,777.00	5.93	219.93	4,765.07	-177.12	-200.16	-175.33	1.55	0.83	13.64
4,871.00	6.45	227.64	4,858.52	-184.40	-207.17	-182.55	1.04	0.55	8.20
4,964.00	7.08	232.16	4,950.88	-191.43	-215.56	-189.51	0.89	0.68	4.86
5,058.00	6.77	235.44	5,044.19	-198.13	-224.70	-196.12	0.53	-0.33	3.49
5,153.00	7.31	239.97	5,138.48	-204.33	-234.54	-202.23	0.81	0.57	4.77
5,246.00	6.78	238.93	5,230.77	-210.12	-244.37	-207.94	0.59	-0.57	-1.12
5,340.00	5.97	239.49	5,324.19	-215.47	-253.33	-213.21	0.86	-0.86	0.60
5,434.00	6.87	237.76	5,417.60	-220.95	-262.30	-218.61	0.98	0.96	-1.84
5,528.00	7.42	237.15	5,510.87	-227.24	-272.15	-224.81	0.59	0.59	-0.65
5,622.00	7.11	235.12	5,604.12	-233.86	-282.02	-231.34	0.43	-0.33	-2.16
5,717.00	6.65	234.69	5,698.43	-240.40	-291.34	-237.80	0.49	-0.48	-0.45
5,811.00	6.06	235.34	5,791.85	-246.37	-299.86	-243.69	0.63	-0.63	0.69
5,906.00	6.48	230.48	5,886.29	-252.63	-308.12	-249.88	0.71	0.44	-5.12
6,000.00	6.60	226.97	5,979.67	-259.70	-316.16	-256.87	0.44	0.13	-3.73
6,094.00	6.20	223.06	6,073.09	-267.09	-323.57	-264.20	0.63	-0.43	-4.16
6,187.00	5.93	228.70	6,165.57	-273.93	-330.61	-270.98	0.70	-0.29	6.06
6,281.00	6.03	227.99	6,259.06	-280.44	-337.93	-277.42	0.13	0.11	-0.76
6,374.00	6.82	227.25	6,351.47	-287.46	-345.61	-284.37	0.85	0.85	-0.80
6,468.00	7.09	225.76	6,444.78	-295.29	-353.87	-292.13	0.35	0.29	-1.59
6,563.00	6.48	226.62	6,539.12	-303.07	-361.96	-299.83	0.65	-0.64	0.91
6,656.00	6.12	225.92	6,631.55	-310.12	-369.34	-306.82	0.40	-0.39	-0.75
6,747.00	6.40	227.20	6,722.01	-316.94	-376.55	-313.58	0.34	0.31	1.41
6,841.00	6.30	226.24	6,815.43	-324.07	-384.11	-320.63	0.16	-0.11	-1.02
6,936.00	5.86	227.38	6,909.90	-330.96	-391.45	-327.46	0.48	-0.46	1.20
7,031.00	5.40	226.12	7,004.44	-337.34	-398.24	-333.78	0.50	-0.48	-1.33
7,124.00	4.86	226.32	7,097.07	-343.09	-404.24	-339.48	0.58	-0.58	0.22
7,218.00	3.08	213.39	7,190.84	-347.95	-408.51	-344.30	2.11	-1.89	-13.76
7,313.00	2.98	215.25	7,285.71	-352.10	-411.34	-348.42	0.15	-0.11	1.96
7,408.00	1.94	222.01	7,380.62	-355.31	-413.84	-351.61	1.13	-1.09	7.12
7,502.00	0.64	256.49	7,474.59	-356.61	-415.42	-352.90	1.55	-1.38	36.68
7,597.00	0.69	241.01	7,569.59	-357.02	-416.43	-353.30	0.20	0.05	-16.29
7,691.00	0.61	219.32	7,663.58	-357.68	-417.25	-353.95	0.27	-0.09	-23.07
7,786.00	0.28	244.16	7,758.58	-358.17	-417.78	-354.44	0.39	-0.35	26.15
7,881.00	0.30	43.24	7,853.58	-358.09	-417.81	-354.36	0.60	0.02	167.45
7,975.00	0.31	30.12	7,947.58	-357.69	-417.52	-353.96	0.07	0.01	-13.96
8,069.00	0.07	340.65	8,041.58	-357.42	-417.41	-353.69	0.29	-0.26	-52.63
8,163.00	0.02	67.31	8,135.58	-357.36	-417.41	-353.63	0.08	-0.05	92.19
8,257.00	0.11	151.32	8,229.58	-357.43	-417.36	-353.70	0.12	0.10	89.37
8,351.00	0.20	120.99	8,323.58	-357.59	-417.17	-353.86	0.13	0.10	-32.27
8,445.00	0.15	149.22	8,417.58	-357.78	-416.97	-354.06	0.10	-0.05	30.03
8,540.00	0.32	82.12	8,512.58	-357.85	-416.64	-354.13	0.31	0.18	-70.63

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,635.00	0.36	81.84	8,607.57	-357.77	-416.08	-354.06	0.04	0.04	-0.29
8,729.00	0.39	102.21	8,701.57	-357.80	-415.48	-354.09	0.14	0.03	21.67
8,823.00	0.46	86.48	8,795.57	-357.84	-414.79	-354.14	0.14	0.07	-16.73
8,917.00	0.32	74.05	8,889.57	-357.75	-414.16	-354.05	0.17	-0.15	-13.22
9,012.00	0.51	77.49	8,984.56	-357.58	-413.49	-353.89	0.20	0.20	3.62
9,107.00	0.54	60.55	9,079.56	-357.27	-412.69	-353.59	0.17	0.03	-17.83
9,202.00	0.78	59.86	9,174.55	-356.73	-411.74	-353.05	0.25	0.25	-0.73
9,296.00	0.94	57.13	9,268.54	-355.99	-410.54	-352.32	0.18	0.17	-2.90
9,389.00	1.06	48.30	9,361.53	-355.00	-409.26	-351.35	0.21	0.13	-9.49
9,482.00	0.97	47.99	9,454.52	-353.90	-408.03	-350.26	0.10	-0.10	-0.33
9,576.00	1.29	43.60	9,548.50	-352.60	-406.71	-348.97	0.35	0.34	-4.67
9,670.00	1.10	21.58	9,642.48	-351.00	-405.65	-347.37	0.52	-0.20	-23.43
9,764.00	1.03	349.55	9,736.46	-349.33	-405.47	-345.71	0.63	-0.07	-34.07
9,858.00	1.08	325.13	9,830.45	-347.77	-406.13	-344.14	0.48	0.05	-25.98
9,952.00	1.16	313.38	9,924.43	-346.39	-407.33	-342.75	0.26	0.09	-12.50
10,048.00	1.29	314.67	10,020.41	-344.96	-408.80	-341.31	0.14	0.14	1.34
10,142.00	0.38	310.47	10,114.40	-344.02	-409.79	-340.36	0.97	-0.97	-4.47
10,237.00	0.74	232.14	10,209.39	-344.19	-410.51	-340.52	0.80	0.38	-82.45
10,268.00	1.17	237.81	10,240.39	-344.48	-410.94	-340.81	1.42	1.39	18.29
10,360.00	2.75	251.82	10,332.33	-345.67	-413.83	-341.97	1.78	1.72	15.23
10,422.00	2.84	272.66	10,394.26	-346.06	-416.78	-342.34	1.64	0.15	33.61
10,516.00	16.90	359.77	10,486.85	-332.19	-419.18	-328.45	18.07	14.96	92.67
10,610.00	26.50	3.77	10,574.09	-297.52	-417.85	-293.79	10.33	10.21	4.26
10,704.00	34.36	4.26	10,655.08	-250.07	-414.50	-246.37	8.37	8.36	0.52
10,798.00	43.03	5.43	10,728.38	-191.57	-409.48	-187.92	9.26	9.22	1.24
10,892.00	50.90	7.29	10,792.48	-123.35	-401.81	-119.77	8.50	8.37	1.98
10,983.00	61.52	6.77	10,843.02	-48.40	-392.58	-44.90	11.68	11.67	-0.57
11,074.00	73.93	6.40	10,877.44	35.09	-382.96	38.50	13.64	13.64	-0.41
FPP - Leslie Fed Com 124H									
11,165.00	82.26	5.91	10,896.20	123.54	-373.43	126.86	9.17	9.15	-0.54
11,257.00	87.63	4.24	10,904.30	214.79	-365.33	218.03	6.11	5.84	-1.82
11,348.00	89.03	3.97	10,906.95	305.52	-358.82	308.70	1.57	1.54	-0.30
11,440.00	91.39	1.64	10,906.62	397.39	-354.31	400.53	3.60	2.57	-2.53
11,530.00	91.44	358.56	10,904.39	487.35	-354.16	490.49	3.42	0.06	-3.42
11,540.11	91.58	358.49	10,904.13	497.46	-354.42	500.60	1.56	1.37	-0.74
500' VS - Leslie Fed Com 124H									
11,622.00	92.70	357.88	10,901.07	579.25	-357.01	582.40	1.56	1.37	-0.74
11,714.00	93.01	356.72	10,896.49	671.03	-361.34	674.22	1.30	0.34	-1.26
11,804.00	87.85	357.47	10,895.81	760.88	-365.90	764.11	5.79	-5.73	0.83
11,897.00	87.24	359.30	10,899.80	853.75	-368.52	857.00	2.07	-0.66	1.97
11,992.00	87.01	359.74	10,904.56	948.63	-369.31	951.88	0.52	-0.24	0.46
12,039.99	87.33	0.47	10,906.93	996.56	-369.23	999.81	1.66	0.66	1.52

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1000' VS - Leslie Fed Com 124H									
12,086.00	87.63	1.17	10,908.96	1,042.52	-368.57	1,045.76	1.66	0.66	1.52
12,181.00	88.58	1.49	10,912.10	1,137.44	-366.36	1,140.66	1.06	1.00	0.34
12,275.00	87.80	1.34	10,915.07	1,231.37	-364.04	1,234.56	0.84	-0.83	-0.16
12,369.00	87.55	1.50	10,918.88	1,325.26	-361.72	1,328.43	0.32	-0.27	0.17
12,463.00	88.72	0.97	10,921.94	1,419.19	-359.69	1,422.33	1.37	1.24	-0.56
12,540.17	88.63	359.44	10,923.73	1,496.33	-359.41	1,499.47	1.98	-0.12	-1.98
1500' VS - Leslie Fed Com 124H									
12,557.00	88.61	359.11	10,924.13	1,513.16	-359.63	1,516.30	1.98	-0.12	-1.98
12,651.00	90.71	359.12	10,924.69	1,607.14	-361.08	1,610.29	2.23	2.23	0.01
12,744.00	90.63	358.27	10,923.60	1,700.11	-363.20	1,703.27	0.92	-0.09	-0.91
12,838.00	89.99	357.39	10,923.09	1,794.04	-366.76	1,797.23	1.16	-0.68	-0.94
12,933.00	89.51	358.49	10,923.51	1,888.97	-370.17	1,892.19	1.26	-0.51	1.16
13,027.00	88.92	0.01	10,924.79	1,982.95	-371.40	1,986.18	1.73	-0.63	1.62
13,040.62	88.90	359.90	10,925.05	1,996.57	-371.41	1,999.80	0.80	-0.15	-0.79
2000' VS - Leslie Fed Com 124H									
13,121.00	88.78	359.27	10,926.68	2,076.93	-371.99	2,080.16	0.80	-0.15	-0.79
13,215.00	88.84	358.73	10,928.63	2,170.90	-373.63	2,174.14	0.58	0.06	-0.57
13,310.00	87.49	358.67	10,931.68	2,265.82	-375.79	2,269.08	1.42	-1.42	-0.06
13,404.00	88.89	359.28	10,934.64	2,359.76	-377.47	2,363.02	1.62	1.49	0.65
13,498.00	88.19	358.49	10,937.04	2,453.71	-379.29	2,456.99	1.12	-0.74	-0.84
13,540.87	88.68	359.18	10,938.21	2,496.55	-380.17	2,499.84	1.97	1.15	1.60
2500' VS - Leslie Fed Com 124H									
13,593.00	89.28	0.01	10,939.14	2,548.67	-380.54	2,551.96	1.97	1.15	1.60
13,687.00	90.52	1.48	10,939.30	2,642.66	-379.32	2,645.93	2.05	1.32	1.56
13,782.00	89.59	1.21	10,939.21	2,737.63	-377.09	2,740.88	1.02	-0.98	-0.28
13,875.00	90.24	1.48	10,939.35	2,830.61	-374.90	2,833.83	0.76	0.70	0.29
13,971.00	89.87	1.38	10,939.26	2,926.58	-372.51	2,929.78	0.40	-0.39	-0.10
14,040.17	89.58	1.29	10,939.59	2,995.72	-370.89	2,998.91	0.43	-0.41	-0.13
3000' VS - Leslie Fed Com 124H									
14,065.00	89.48	1.26	10,939.79	3,020.55	-370.34	3,023.73	0.43	-0.41	-0.13
14,158.00	89.12	0.32	10,940.92	3,113.53	-369.06	3,116.69	1.08	-0.39	-1.01
14,254.00	88.81	359.67	10,942.66	3,209.52	-369.07	3,212.67	0.75	-0.32	-0.68
14,348.00	89.57	359.33	10,943.99	3,303.50	-369.89	3,306.66	0.89	0.81	-0.36
14,443.00	88.02	358.34	10,945.99	3,398.46	-371.82	3,401.63	1.94	-1.63	-1.04
14,537.00	86.45	358.11	10,950.52	3,492.30	-374.73	3,495.50	1.69	-1.67	-0.24
14,542.01	86.55	358.11	10,950.83	3,497.30	-374.89	3,500.50	1.95	1.95	0.03
3500' VS - Leslie Fed Com 124H									
14,631.00	88.28	358.14	10,954.84	3,586.15	-377.80	3,589.37	1.95	1.95	0.03
14,726.00	89.62	359.48	10,956.58	3,681.11	-379.77	3,684.34	1.99	1.41	1.41
14,821.00	89.70	359.67	10,957.15	3,776.10	-380.48	3,779.34	0.22	0.08	0.20
14,915.00	89.65	359.00	10,957.68	3,870.09	-381.57	3,873.34	0.71	-0.05	-0.71
15,010.00	88.95	358.56	10,958.84	3,965.06	-383.59	3,968.32	0.87	-0.74	-0.46

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,041.64	88.99	359.10	10,959.41	3,996.70	-384.24	3,999.96	1.70	0.12	1.69
4000' VS - Leslie Fed Com 124H									
15,104.00	89.06	0.15	10,960.47	4,059.04	-384.65	4,062.30	1.70	0.12	1.69
15,199.00	87.66	358.98	10,963.19	4,153.99	-385.37	4,157.26	1.92	-1.47	-1.23
15,294.00	88.39	359.87	10,966.47	4,248.93	-386.32	4,252.20	1.21	0.77	0.94
15,388.00	90.10	359.86	10,967.70	4,342.92	-386.54	4,346.19	1.82	1.82	-0.01
15,483.00	91.08	358.92	10,966.73	4,437.91	-387.55	4,441.18	1.43	1.03	-0.99
15,542.36	90.48	358.60	10,965.92	4,497.25	-388.84	4,500.53	1.15	-1.01	-0.54
4500' VS - Leslie Fed Com 124H									
15,577.00	90.13	358.41	10,965.73	4,531.87	-389.74	4,535.16	1.15	-1.01	-0.54
15,672.00	90.27	359.22	10,965.40	4,626.85	-391.71	4,630.16	0.87	0.15	0.85
15,766.00	88.78	359.62	10,966.18	4,720.84	-392.66	4,724.15	1.64	-1.59	0.43
15,861.00	87.10	358.29	10,969.60	4,815.76	-394.39	4,819.08	2.25	-1.77	-1.40
15,955.00	89.62	358.83	10,972.29	4,909.68	-396.75	4,913.02	2.74	2.68	0.57
16,042.03	91.05	0.27	10,971.78	4,996.70	-397.43	5,000.04	2.33	1.64	1.66
5000' VS - Leslie Fed Com 124H									
16,049.00	91.16	0.39	10,971.65	5,003.67	-397.39	5,007.01	2.33	1.64	1.66
16,144.00	90.04	0.49	10,970.65	5,098.66	-396.66	5,101.99	1.18	-1.18	0.11
16,238.00	88.22	0.18	10,972.08	5,192.65	-396.11	5,195.97	1.96	-1.94	-0.33
16,332.00	88.02	0.61	10,975.16	5,286.59	-395.46	5,289.90	0.50	-0.21	0.46
16,427.00	91.27	1.09	10,975.75	5,381.57	-394.05	5,384.86	3.46	3.42	0.51
16,522.00	94.64	1.13	10,970.85	5,476.41	-392.22	5,479.69	3.55	3.55	0.04
16,542.13	93.83	0.88	10,969.37	5,496.49	-391.87	5,499.76	4.23	-4.04	-1.25
5500' VS - Leslie Fed Com 124H									
16,617.00	90.80	359.95	10,966.35	5,571.28	-391.32	5,574.54	4.23	-4.04	-1.24
16,710.00	89.09	358.26	10,966.44	5,664.26	-392.78	5,667.53	2.59	-1.84	-1.82
16,805.00	89.68	359.02	10,967.46	5,759.23	-395.03	5,762.52	1.01	0.62	0.80
16,899.00	88.11	358.01	10,969.27	5,853.18	-397.47	5,856.48	1.99	-1.67	-1.07
16,994.00	89.34	359.33	10,971.38	5,948.12	-399.67	5,951.44	1.90	1.29	1.39
17,042.39	88.40	359.34	10,972.33	5,996.50	-400.23	5,999.83	1.94	-1.94	0.02
6000' VS - Leslie Fed Com 124H									
17,088.00	87.52	359.35	10,973.96	6,042.08	-400.75	6,045.40	1.94	-1.94	0.02
17,183.00	89.12	358.07	10,976.74	6,137.01	-402.89	6,140.35	2.16	1.68	-1.35
17,277.00	90.07	357.74	10,977.41	6,230.94	-406.33	6,234.31	1.07	1.01	-0.35
17,372.00	89.85	358.56	10,977.47	6,325.89	-409.39	6,329.28	0.89	-0.23	0.86
17,466.00	88.42	359.56	10,978.89	6,419.86	-410.94	6,423.27	1.86	-1.52	1.06
17,542.31	88.89	359.90	10,980.68	6,496.15	-411.30	6,499.55	0.76	0.62	0.45
6500' VS - Leslie Fed Com 124H									
17,560.00	89.00	359.98	10,981.01	6,513.84	-411.31	6,517.24	0.76	0.62	0.45
17,655.00	90.49	0.73	10,981.43	6,608.83	-410.73	6,612.23	1.76	1.57	0.79
17,750.00	95.59	0.50	10,976.39	6,703.66	-409.71	6,707.04	5.37	5.37	-0.24
17,843.00	93.41	1.07	10,969.10	6,796.36	-408.44	6,799.73	2.42	-2.34	0.61
17,938.00	92.76	0.53	10,963.99	6,891.21	-407.11	6,894.56	0.89	-0.68	-0.57

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,033.00	92.09	0.26	10,959.97	6,986.12	-406.46	6,989.47	0.76	-0.71	-0.28
18,043.21	91.92	0.14	10,959.61	6,996.32	-406.42	6,999.66	2.03	-1.64	-1.20
7000' VS - Leslie Fed Com 124H									
18,127.00	90.55	359.13	10,957.80	7,080.09	-406.96	7,083.44	2.03	-1.64	-1.20
18,222.00	91.47	358.83	10,956.13	7,175.06	-408.65	7,178.42	1.02	0.97	-0.32
18,317.00	90.49	358.08	10,954.50	7,270.01	-411.21	7,273.38	1.30	-1.03	-0.79
18,411.00	88.19	358.54	10,955.58	7,363.96	-413.98	7,367.35	2.50	-2.45	0.49
18,505.00	87.86	359.65	10,958.82	7,457.89	-415.47	7,461.29	1.23	-0.35	1.18
18,544.49	87.04	359.23	10,960.58	7,497.34	-415.85	7,500.74	2.33	-2.06	-1.07
7500' VS - Leslie Fed Com 124H									
18,599.00	85.92	358.64	10,963.92	7,551.74	-416.87	7,555.15	2.33	-2.06	-1.08
18,694.00	87.21	0.59	10,969.62	7,646.56	-417.50	7,649.97	2.46	1.36	2.05
18,788.00	89.40	1.32	10,972.40	7,740.50	-415.94	7,743.89	2.46	2.33	0.78
18,883.00	94.84	2.35	10,968.88	7,835.34	-412.90	7,838.71	5.83	5.73	1.08
18,977.00	94.48	0.88	10,961.25	7,928.99	-410.26	7,932.33	1.61	-0.38	-1.56
19,043.62	91.60	359.87	10,957.72	7,995.51	-409.82	7,998.84	4.59	-4.33	-1.51
8000' VS - Leslie Fed Com 124H									
19,071.00	90.41	359.46	10,957.24	8,022.89	-409.98	8,026.22	4.59	-4.33	-1.51
19,165.00	90.10	359.58	10,956.82	8,116.88	-410.77	8,120.22	0.35	-0.33	0.13
19,259.00	89.59	358.76	10,957.07	8,210.87	-412.13	8,214.21	1.03	-0.54	-0.87
19,351.00	89.12	358.24	10,958.11	8,302.83	-414.54	8,306.19	0.76	-0.51	-0.57
19,445.00	88.45	357.83	10,960.10	8,396.76	-417.76	8,400.14	0.84	-0.71	-0.44
19,540.00	89.37	357.95	10,961.91	8,491.67	-421.26	8,495.09	0.98	0.97	0.13
19,545.72	89.35	358.00	10,961.97	8,497.38	-421.46	8,500.80	0.99	-0.41	0.90
8500' VS -Leslie Fed Com 124H									
19,634.00	88.98	358.80	10,963.26	8,585.62	-423.92	8,589.06	0.99	-0.41	0.90
19,726.00	89.40	0.82	10,964.56	8,677.61	-424.23	8,681.04	2.24	0.46	2.20
19,821.00	90.60	0.78	10,964.56	8,772.60	-422.90	8,776.01	1.26	1.26	-0.04
19,915.00	90.15	0.42	10,963.95	8,866.59	-421.92	8,869.99	0.61	-0.48	-0.38
20,009.00	90.94	0.27	10,963.05	8,960.58	-421.35	8,963.98	0.86	0.84	-0.16
20,044.44	90.78	0.20	10,962.52	8,996.02	-421.21	8,999.41	0.49	-0.44	-0.20
9000' VS - Leslie Fed Com 124H									
20,104.00	90.52	0.08	10,961.84	9,055.58	-421.06	9,058.96	0.49	-0.44	-0.20
20,198.00	91.44	0.59	10,960.24	9,149.56	-420.51	9,152.94	1.12	0.98	0.54
20,292.00	92.09	359.40	10,957.34	9,243.51	-420.52	9,246.89	1.44	0.69	-1.27
20,387.00	93.43	358.44	10,952.77	9,338.38	-422.31	9,341.77	1.73	1.41	-1.01
20,480.00	92.37	358.51	10,948.06	9,431.23	-424.78	9,434.64	1.14	-1.14	0.08
20,545.13	91.41	358.67	10,945.91	9,496.31	-426.38	9,499.73	1.50	-1.47	0.25
9500' VS - Leslie Fed Com 124H									
20,575.00	90.97	358.75	10,945.29	9,526.16	-427.05	9,529.58	1.50	-1.47	0.25
20,668.00	90.24	359.88	10,944.31	9,619.14	-428.16	9,622.57	1.45	-0.78	1.22
20,763.00	89.23	359.77	10,944.75	9,714.14	-428.45	9,717.57	1.07	-1.06	-0.12

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,856.00	88.84	359.35	10,946.32	9,807.13	-429.17	9,810.56	0.62	-0.42	-0.45
20,950.00	87.49	359.33	10,949.33	9,901.07	-430.25	9,904.51	1.44	-1.44	-0.02
21,037.00	87.52	358.84	10,953.11	9,987.98	-431.64	9,991.42	0.56	0.03	-0.56
10000' VS - Leslie Fed Com 124H									
21,105.00	87.52	358.84	10,956.06	10,055.90	-433.01	10,059.35	0.00	0.00	0.00
PTB 21105.00' MD/10955.43' TVD - BHL - Leslie Fed Com 124H - LPP - Leslie Fed Com 124H - 10110' VS - Leslie Fed Com 124H									

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
500' VS - Leslie Fed Cor	0.00	0.00	10,905.00	496.61	-382.81	410,653.61	793,966.19	32° 7' 31.591311 N	103° 23' 1.546831 W
- actual wellpath misses target center by 28.42usft at 11539.97usft MD (10904.13 TVD, 497.32 N, -354.41 E)									
- Point									
1000' VS - Leslie Fed Cc	0.00	0.00	10,909.00	996.60	-386.48	411,153.60	793,962.52	32° 7' 36.539119 N	103° 23' 1.538261 W
- actual wellpath misses target center by 17.38usft at 12039.99usft MD (10906.93 TVD, 996.56 N, -369.23 E)									
- Point									
1500' VS - Leslie Fed Cc	0.00	0.00	10,914.00	1,496.58	-390.95	411,653.58	793,958.05	32° 7' 41.486897 N	103° 23' 1.538993 W
- actual wellpath misses target center by 33.00usft at 12540.58usft MD (10923.73 TVD, 1496.74 N, -359.42 E)									
- Point									
2000' VS - Leslie Fed Cc	0.00	0.00	10,918.00	1,996.56	-395.42	412,153.56	793,953.58	32° 7' 46.434674 N	103° 23' 1.539722 W
- actual wellpath misses target center by 25.02usft at 13040.49usft MD (10925.05 TVD, 1996.44 N, -371.41 E)									
- Point									
2500' VS - Leslie Fed Cc	0.00	0.01	10,927.00	2,496.54	-399.90	412,653.54	793,949.10	32° 7' 51.382451 N	103° 23' 1.540566 W
- actual wellpath misses target center by 22.69usft at 13540.87usft MD (10938.21 TVD, 2496.55 N, -380.17 E)									
- Point									
3000' VS - Leslie Fed Cc	0.00	0.00	10,935.00	2,996.52	-404.37	413,153.52	793,944.63	32° 7' 56.330226 N	103° 23' 1.541292 W
- actual wellpath misses target center by 33.80usft at 14040.18usft MD (10939.59 TVD, 2995.74 N, -370.89 E)									
- Point									
3500' VS - Leslie Fed Cc	0.00	0.00	10,944.00	3,496.50	-408.85	413,653.50	793,940.15	32° 8' 1.278001 N	103° 23' 1.542132 W
- actual wellpath misses target center by 34.65usft at 14541.91usft MD (10950.82 TVD, 3497.20 N, -374.89 E)									
- Point									
4000' VS - Leslie Fed Cc	0.00	0.01	10,953.00	3,996.48	-413.32	414,153.48	793,935.68	32° 8' 6.225774 N	103° 23' 1.542854 W
- actual wellpath misses target center by 29.78usft at 15041.64usft MD (10959.41 TVD, 3996.70 N, -384.24 E)									
- Point									
4500' VS - Leslie Fed Cc	0.00	0.00	10,955.00	4,496.46	-417.80	414,653.46	793,931.20	32° 8' 11.173546 N	103° 23' 1.543691 W
- actual wellpath misses target center by 30.96usft at 15542.39usft MD (10965.92 TVD, 4497.27 N, -388.84 E)									
- Point									
5000' VS - Leslie Fed Cc	0.00	0.00	10,958.00	4,996.44	-422.27	415,153.44	793,926.73	32° 8' 16.121317 N	103° 23' 1.544409 W
- actual wellpath misses target center by 28.41usft at 16042.03usft MD (10971.78 TVD, 4996.70 N, -397.43 E)									
- Point									
5500' VS - Leslie Fed Cc	0.00	0.00	10,961.00	5,496.42	-426.75	415,653.42	793,922.25	32° 8' 21.069087 N	103° 23' 1.545241 W
- actual wellpath misses target center by 35.87usft at 16542.08usft MD (10969.37 TVD, 5496.43 N, -391.87 E)									
- Point									
6000' VS - Leslie Fed Cc	0.00	0.00	10,963.00	5,996.40	-431.22	416,153.40	793,917.78	32° 8' 26.016856 N	103° 23' 1.545955 W
- actual wellpath misses target center by 32.36usft at 17042.39usft MD (10972.33 TVD, 5996.50 N, -400.23 E)									
- Point									
6500' VS - Leslie Fed Cc	0.00	0.00	10,966.00	6,496.38	-435.70	416,653.38	793,913.30	32° 8' 30.964624 N	103° 23' 1.546784 W
- actual wellpath misses target center by 28.48usft at 17542.31usft MD (10980.68 TVD, 6496.15 N, -411.30 E)									

Legacy Directional Drilling

Survey Report

Company:	Matador Resources Company	**Local Co-ordinate Reference:**	Well Leslie Fed Com 124H
Project:	Lea County, New Mexico (NAD27)	**TVD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Site:	Leslie Fed Com	**MD Reference:**	GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)
Well:	Leslie Fed Com 124H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM5000

- Point										
7000' VS - Leslie Fed Cc	0.00	0.00	10,969.00	6,996.36	-440.17	417,153.36	793,908.83	32° 8' 35.912391 N	103° 23' 1.547494 W
- actual wellpath misses target center by 35.03usft at 18042.80usft MD (10959.62 TVD, 6995.91 N, -406.42 E)										
- Point										
7500' VS - Leslie Fed Cc	0.00	0.00	10,971.00	7,496.34	-444.64	417,653.34	793,904.36	32° 8' 40.860156 N	103° 23' 1.548203 W
- actual wellpath misses target center by 30.63usft at 18544.24usft MD (10960.57 TVD, 7497.09 N, -415.85 E)										
- Point										
8500' VS -Leslie Fed Co	0.00	0.00	10,974.00	8,496.30	-453.59	418,653.30	793,895.41	32° 8' 50.755684 N	103° 23' 1.549730 W
- actual wellpath misses target center by 34.33usft at 19545.72usft MD (10961.97 TVD, 8497.38 N, -421.46 E)										
- Point										
8000' VS - Leslie Fed Cc	0.00	0.00	10,974.00	7,996.32	-449.12	418,153.32	793,899.88	32° 8' 45.807921 N	103° 23' 1.549025 W
- actual wellpath misses target center by 42.55usft at 19044.37usft MD (10957.69 TVD, 7996.26 N, -409.82 E)										
- Point										
BHL - Leslie Fed Com 1:	0.00	0.00	10,974.00	10,056.00	-443.00	420,213.00	793,906.00	32° 9' 6.188206 N	103° 23' 1.266565 W
- actual wellpath misses target center by 20.54usft at 21105.00usft MD (10956.05 TVD, 10055.90 N, -433.01 E)										
- Point										
9000' VS - Leslie Fed Cc	0.00	0.00	10,974.00	8,996.28	-458.07	419,153.28	793,890.93	32° 8' 55.703447 N	103° 23' 1.550549 W
- actual wellpath misses target center by 38.61usft at 20044.38usft MD (10962.52 TVD, 8995.96 N, -421.21 E)										
- Point										
9500' VS - Leslie Fed Cc	0.00	0.00	10,974.00	9,496.26	-462.54	419,653.26	793,886.46	32° 9' 0.651208 N	103° 23' 1.551249 W
- actual wellpath misses target center by 45.79usft at 20545.32usft MD (10945.91 TVD, 9496.49 N, -426.38 E)										
- Point										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
21,105.00	10,956.06	10,055.90	-433.01	PTB 21105.00' MD/10955.43' TVD

Checked By: _____ Approved By: _____ Date: _____

Azimuths to Grid North
True North: -0.51°
Magnetic North: 5.85°

Magnetic Field
Strength: 47368.8nT
Dip Angle: 59.81°
Date: 4/13/2022
Model: IGRF2020

PROJECT DETAILS: Lea County, New Mexico (NAD27)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

Hardlines:
330' FWL / FEL
110' FNL / FSL

Target Box:
25' L/R
BHL 110' FNL

To convert a Magnetic Direction to a Grid Direction, Add 5.85°

Rig: Patterson 298

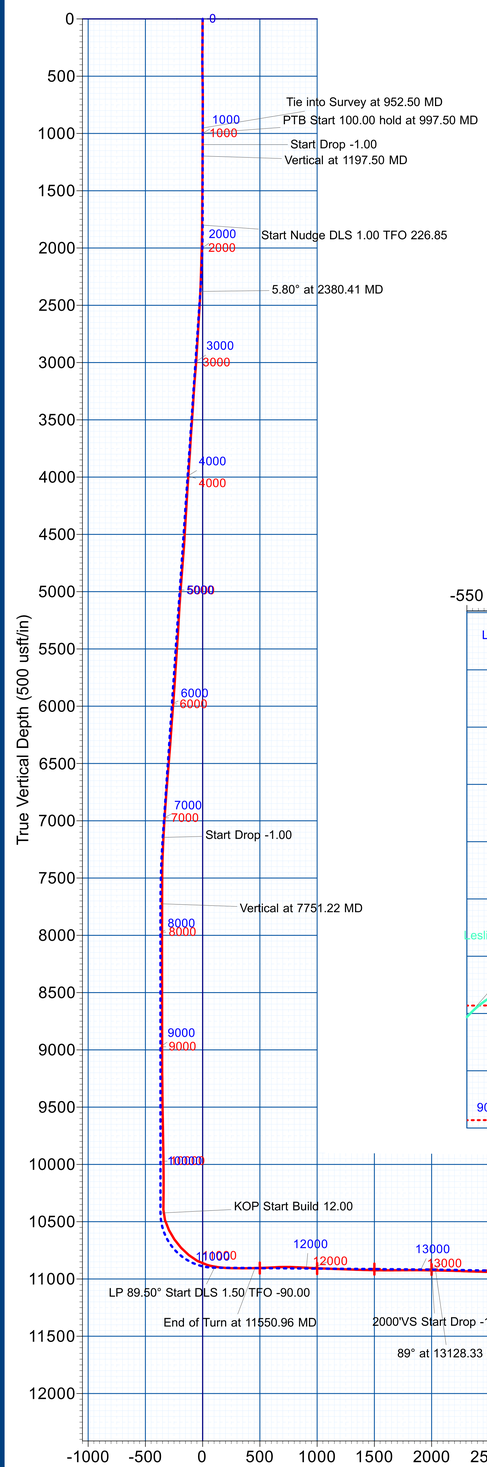
Company: Matador Resources Company
Field: Lea County, New Mexico (NAD27)
Location: Leslie Fed Com
Well: Leslie Fed Com 124H
OH
Plan: Plan 4
GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256)

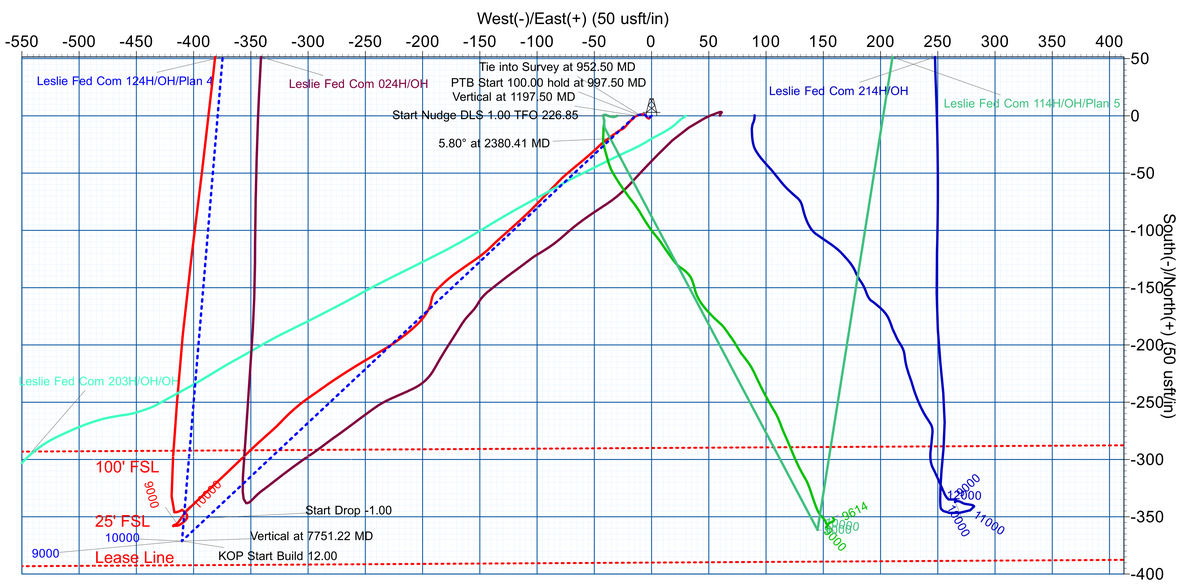
SECTION DETAILS

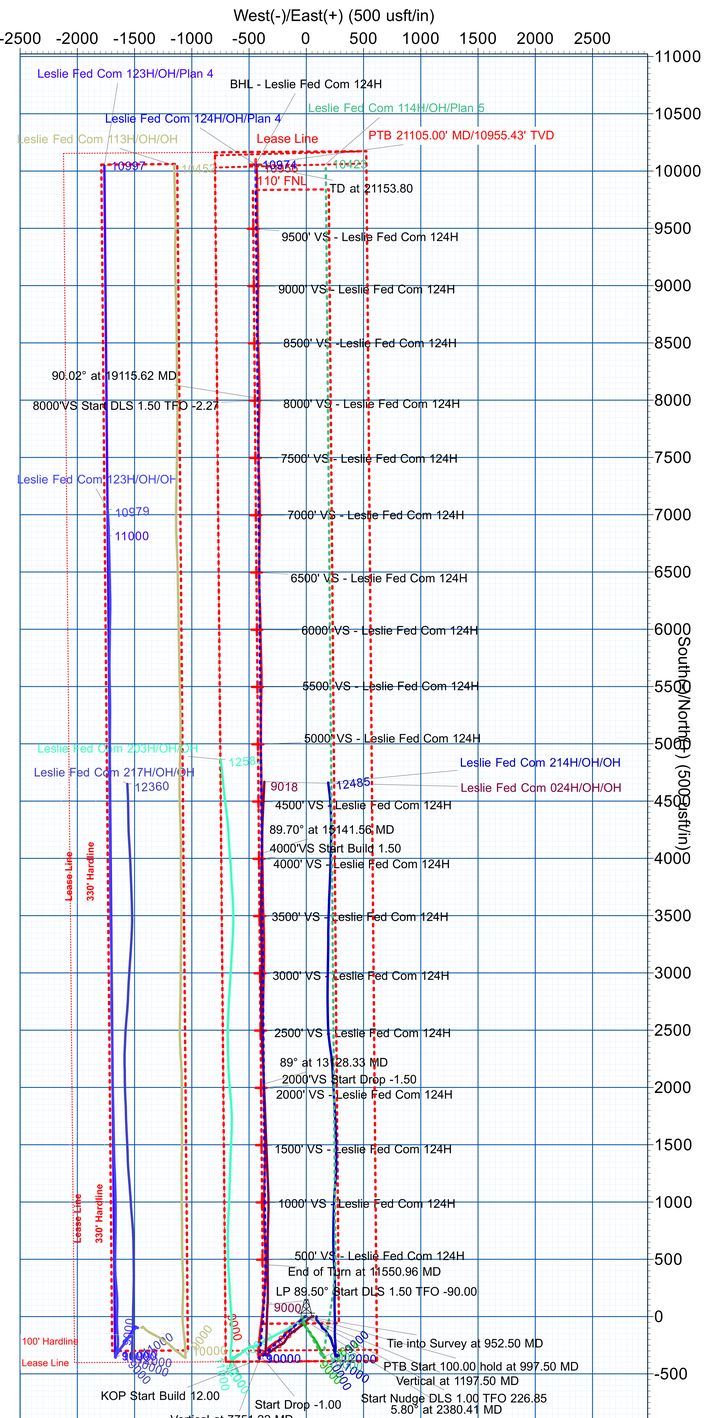
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	952.50	1.00	258.17	952.39	0.91	-10.60	0.00	0.00	1.00		Tie into Survey at 952.50 MD
2	997.50	1.00	258.17	997.39	0.75	-11.37	0.00	0.00	0.85		PTB Start 100.00 hold at 997.50 MD
3	1097.50	1.00	258.17	1097.37	0.39	-13.08	0.00	0.00	0.50		Start Drop -1.00
4	1197.50	0.00	258.17	1197.36	0.21	-13.93	1.00	180.00	0.33		Vertical at 1197.50 MD
5	1800.14	0.00	258.17	1800.00	0.21	-13.93	0.00	258.17	0.33		Start Nudge DLS 1.00 TFO 226.85
6	2380.41	5.80	226.85	2379.28	-19.87	-35.35	1.00	226.85	-19.55		5.80° at 2380.41 MD
7	7170.94	5.80	226.85	7145.27	-351.12	-388.70	0.00	0.00	-347.65		Start Drop -1.00
8	7751.22	0.00	0.00	7724.55	-371.20	-410.12	1.00	180.00	-367.53		Vertical at 7751.22 MD
9	10451.22	0.00	0.00	10424.55	-371.20	-410.12	0.00	0.00	-367.53		KOP Start Build 12.00
10	11197.05	89.50	4.80	10902.00	100.44	-370.52	12.00	4.80	103.73		LP 89.50° Start DLS 1.50 TFO -90.00
11	11550.96	89.50	359.49	10905.08	453.96	-357.27	1.50	-90.00	457.12		End of Turn at 11550.96 MD
12	13094.85	89.50	359.49	10918.50	1997.73	-370.98	0.00	0.00	2000.96		2000'VS Start Drop -1.50
13	13128.33	89.00	359.49	10918.93	2031.20	-371.28	1.50	180.00	2034.43		89° at 13128.33 MD
14	15094.89	89.00	359.49	10953.25	3997.39	-388.74	0.00	0.00	4000.70		4000'VS Start Build 1.50
15	15141.56	89.70	359.49	10953.78	4044.06	-389.16	1.50	0.00	4047.36		89.70° at 15141.56 MD
16	19094.60	89.70	359.49	10974.48	7996.89	-424.27	0.00	0.00	8000.35		8000'VS Start DLS 1.50 TFO -2.27
17	19115.62	90.02	359.48	10974.53	8017.90	-424.45	1.50	-2.27	8021.36		90.02° at 19115.62 MD
18	21153.80	90.02	359.48	10974.00	10056.00	-443.00	0.00	0.00	10059.54	BHL - Leslie Fed Com 124H	TD at 21153.80

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
500' VS - Leslie Fed Com 124H	10905.00	496.61	-382.81	410653.61	793966.19	32° 7' 31.591311 N	103° 23' 1.546831 W
1000' VS - Leslie Fed Com 124H	10909.00	996.60	-386.48	411153.60	793962.52	32° 7' 36.539119 N	103° 23' 1.538261 W
1500' VS - Leslie Fed Com 124H	10914.00	1496.58	-390.95	411653.58	793958.05	32° 7' 41.486897 N	103° 23' 1.538993 W
2000' VS - Leslie Fed Com 124H	10918.00	1996.56	-395.42	412153.56	793953.58	32° 7' 46.434674 N	103° 23' 1.539722 W
2500' VS - Leslie Fed Com 124H	10927.00	2496.54	-399.90	412653.54	793949.10	32° 7' 51.382451 N	103° 23' 1.540566 W
3000' VS - Leslie Fed Com 124H	10935.00	2996.52	-404.37	413153.52	793944.63	32° 7' 56.330226 N	103° 23' 1.541292 W
3500' VS - Leslie Fed Com 124H	10944.00	3496.50	-408.85	413653.50	793940.15	32° 8' 1.278001 N	103° 23' 1.542132 W
4000' VS - Leslie Fed Com 124H	10953.00	3996.48	-413.32	414153.48	793935.68	32° 8' 6.225774 N	103° 23' 1.542854 W
4500' VS - Leslie Fed Com 124H	10955.00	4496.46	-417.80	414653.46	793931.20	32° 8' 11.173546 N	103° 23' 1.543691 W
5000' VS - Leslie Fed Com 124H	10958.00	4996.44	-422.27	415153.44	793926.73	32° 8' 16.121317 N	103° 23' 1.544409 W
5500' VS - Leslie Fed Com 124H	10961.00	5496.42	-426.75	415653.42	793922.25	32° 8' 21.069087 N	103° 23' 1.545241 W
6000' VS - Leslie Fed Com 124H	10963.00	5996.40	-431.22	416153.40	793917.78	32° 8' 26.016856 N	103° 23' 1.545955 W
6500' VS - Leslie Fed Com 124H	10966.00	6496.38	-435.70	416653.38	793913.30	32° 8' 30.964624 N	103° 23' 1.546784 W
7000' VS - Leslie Fed Com 124H	10969.00	6996.36	-440.17	417153.36	793908.83	32° 8' 35.912391 N	103° 23' 1.547494 W
7500' VS - Leslie Fed Com 124H	10971.00	7496.34	-444.64	417653.34	793904.36	32° 8' 40.860156 N	103° 23' 1.548203 W
8000' VS - Leslie Fed Com 124H	10974.00	7996.32	-449.12	418153.32	793899.88	32° 8' 45.807921 N	103° 23' 1.549025 W
8500' VS -Leslie Fed Com 124H	10974.00	8496.30	-453.59	418653.30	793895.41	32° 8' 50.755684 N	103° 23' 1.549730 W
9000' VS - Leslie Fed Com 124H	10974.00	8996.28	-458.07	419153.28	793890.93	32° 8' 55.703447 N	103° 23' 1.550549 W
9500' VS - Leslie Fed Com 124H	10974.00	9496.26	-462.54	419653.26	793886.46	32° 9' 0.651208 N	103° 23' 1.551249 W
BHL - Leslie Fed Com 124H	10974.00	10056.00	-443.00	420213.00	793906.00	32° 9' 6.188205 N	103° 23' 1.266565 W







WELL DETAILS: Leslie Fed Com 124H

GL 3257 + 28.5'KB @ 3285.50usft (Patterson 256) 3257.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	410157.00	794349.00	32° 7' 26.643860 N	103° 22' 57.146721 W

Plan: Plan 4 (Leslie Fed Com 124H/OH)
Created By: Jenise Kirkpatrick Date: 6:12, May 21 2022

Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
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-103
Revised July 18, 2013

WELL API NO.
30-025-47101

5. Indicate Type of Lease
STATE ☐ FEE ☐ FED/INDIAN ☒

6. State Oil & Gas Lease No.
NMNM136226

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
LESLIE FEDERAL COM

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number
124H

2. Name of Operator
Matador Production Company

9. OGRID Number
228937

3. Address of Operator
One Lincoln Centre, 5400 LBJ Freeway, Ste 1500, Dallas, TX 75240

10. Pool name or Wildcat
WC-025 G-08 S253534O;BONE SPRING

4. Well Location
Unit Letter P : 390 feet from the SOUTH line and 614 feet from the EAST line
Section 17 Township 25S Range 35E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3,257'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	**PLUG AND ABANDON**	☐	**REMEDIAL WORK**	☐	**ALTERING CASING**	
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:	☒		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 7/29/22: Pressure test casing to 5110 psi for 30 minutes. Lost 50 psi. Good test.
- 8/11-8/31/22: Perforate from 11,008' – 20,905' (0.38")(40 Stages)(1774 holes). Frac with 22,907,720 lbs proppant and 508,100 bbls fluid.
- 10/23-10/27/22: Drill all plugs out and clean out to a PBTD of 21,087'.
- 11/13/22: Begin flowback operations.

Spud Date: 1/27/2022 Rig Release Date: 5/24/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Eileen M Kosakowski TITLE: Regulatory Analyst DATE: 9/11/2023

PRINT NAME: Eileen M Kosakowski E-mail address: eileen.kosakowski@matadorresources.com PHONE: 832-672-4604

For State Use Only

APPROVED BY:_____ TITLE_____ DATE_____
Conditions of Approval (if any):

Submit To Appropriate District Office
Two Copies
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 and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO. 30-025-47101
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN
3. State Oil & Gas Lease No. NMNM136226

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: LESLIE FEDERAL COM
6. Well Number: 124H

7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____

8. Name of Operator: Matador Production Company
9. OGRID: 228937
10. Address of Operator: One Lincoln Centre, 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240
11. Pool name or Wildcat: WC-025 G-08 S253534O;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	17	25S	35E		390	S	614	E	LEA
BH:	A	8	25S	35E		110	N	958	E	LEA

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
1/27/22	5/19/22	5/24/22	11/12/22	3,257’

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
21,105’	21,087’	YES	GAMMA

22. Producing Interval(s), of this completion - Top, Bottom, Name
11,008’-20,905’ - BONE SPRING

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375”	54.5#	987’	17.5”	845 sxs	
7.625”	29.7#	10,318’	9.875”	2330 sxs	
5.5	20#	21,092’	6.75”	965 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

11,008’ – 20,905’ (0.38”)(40 Stages)(1774 holes).

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,008’-20,905’	22,907,720 lbs proppant, 508,100 bbls water

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
11/13/2022	Flowing	Prod

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/16/2022	24	36/64		2326	4184	4099	1798

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas – MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
-	2700		2326	4184	4099	40.5

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
Sold

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date: 5/24/22

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 Eileen M Kosakowski Date: 9/11/2023
Printed Name: Eileen M Kosakowski Title: Regulatory Analyst E-mail Address: eileen.kosakowski@matadorresources.com

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy__866'md/866'tvd_____	T. Canyon_____	T. Ojo Alamo_____	T. Penn A"_____
T. Salt_1310'md/1310'tvd	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt_5351'md/5335'tvd___	T. Atoka_____	T. Fruitland_____	T. Penn. "C"_____
T. Yates_____	T. Miss_____	T. Pictured Cliffs_____	T. Penn. "D"_____
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen_____	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_5381'md/5365'tvd	T. Morrison_____	
T. Drinkard_____	T. Bone Springs_ 9168'md/9140'tvd	T.Todilto_____	
T. Abo	T._____	T. Entrada	
T. Wolfcamp_____	T._____	T. Wingate_____	
T. Penn_____	T._____	T. Chinle_____	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from……..…..…..…..to…….. No. 3, from……to……

No. 2, from……to…… No. 4, from……to……..

IMPORTANT WATER SANDS

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……

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		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

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 264702
	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.

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 264702

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 264702
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days of BLM approval.	5/2/2024