

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Matador Production Company One Lincoln Center, 54000 LBJ Freeway , Ste 1500 Dallas, TX 75240		² OGRID Number 228937	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30 - 0 25-47352	⁵ Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP		⁶ Pool Code 98177
⁷ Property Code 328112	⁸ Property Name RODNEY ROBINSON FEDERAL COM		⁹ Well Number 204H

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	7	23S	33E	-	546	South	155	East	LEA

¹¹ Bottom Hole Location

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	23S	33E	-	72	North	390	East	LEA
¹² Lse Code F	¹³ Producing Method F Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

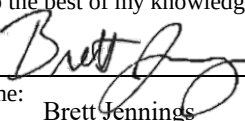
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	Lucid Energy Delaware, LLC 3100 McKinnon St, Ste 800 Dallas, TX 75201	G
34053	Plains Marketing, L.P. P.O. Box 4648 Houston, TX 77210	O

IV. Well Completion Data

²¹ Spud Date 11/05/2020	²² Ready Date 2/28/2021	²³ TD 22,640MD/ 12,220TVD	²⁴ PBTD	²⁵ Perforations 12526-22488	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	1,385	1210		
9 7/8	7 5/8	11,759 Stage tool@5096	2650		
6 3/4	5 1/2	22,640	1170		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Brett Jennings		Approved by: PATRICIA MARTINEZ	
Title: Regulatory Analyst		Title: LM II	
E-mail Address: Brett.Jennings@matadorresources.com		Approval Date: 3/18/2021	
Date: 02/19/2021		RT EXPIRES 5/28/2021	
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 30-025-47352	² Pool Code 98177	³ Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP KZ
⁴ Property Code 328112	⁵ Property Name RODNEY ROBINSON FED COM	⁶ Well Number 204H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3720'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	23-S	33-E	-	546'	SOUTH	155'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

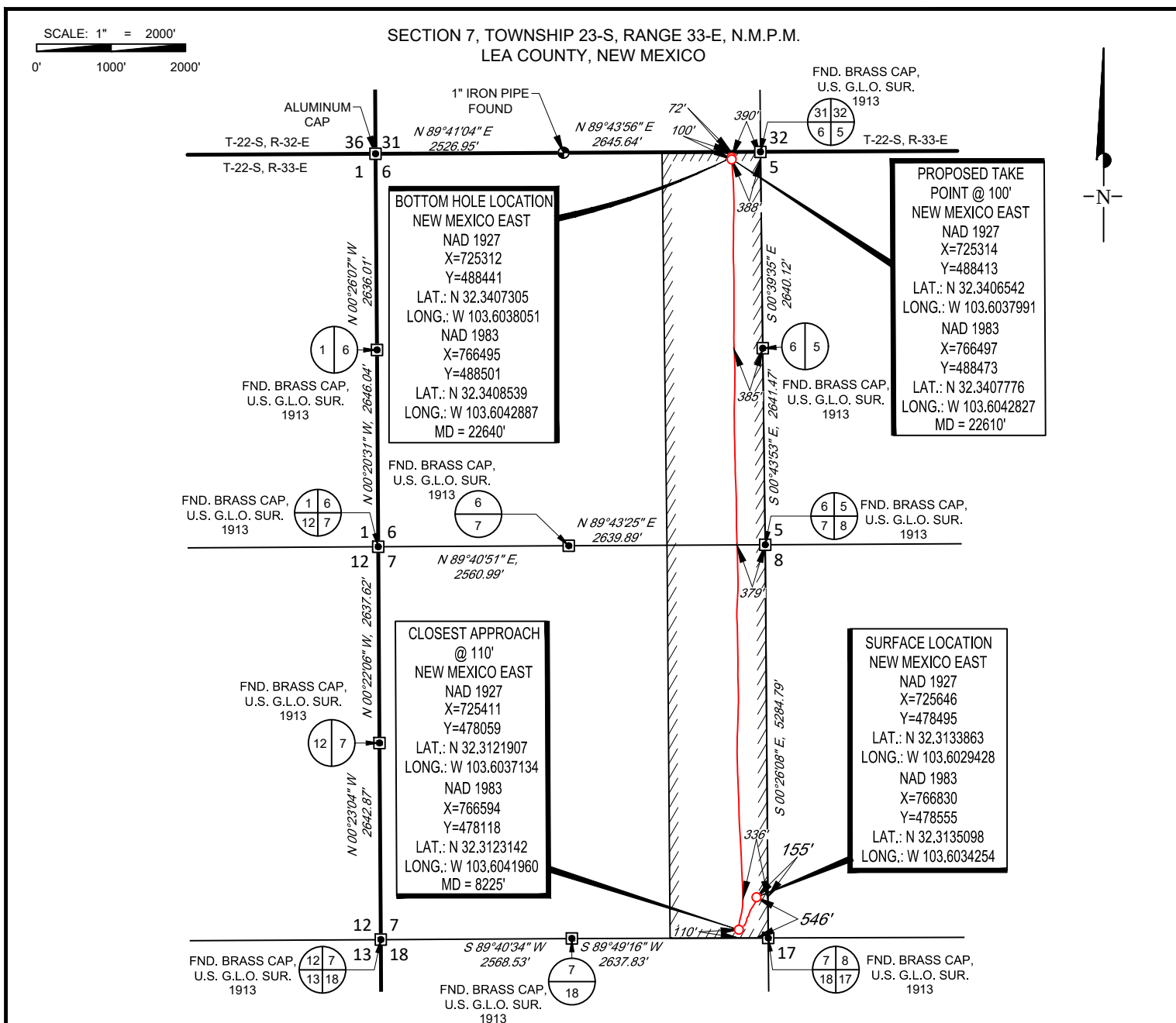
SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	23-S	33-E	-	72'	NORTH	390'	EAST	LEA

¹² Dedicated Acres 320.05	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=725312 Y=488441 LAT.: N 32.3407305 LONG.: W 103.6038051 NAD 1983 X=766495 Y=488501 LAT.: N 32.3408539 LONG.: W 103.6042887 MD = 22640' CLOSEST APPROACH @ 110' NEW MEXICO EAST NAD 1927 X=725411 Y=478059 LAT.: N 32.3121907 LONG.: W 103.6037134 NAD 1983 X=766594 Y=478118 LAT.: N 32.3123142 LONG.: W 103.6041960 MD = 8225' SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=725646 Y=478495 LAT.: N 32.3133863 LONG.: W 103.6029428 NAD 1983 X=766830 Y=478555 LAT.: N 32.3135098 LONG.: W 103.6034254 PROPOSED TAKE POINT @ 100' NEW MEXICO EAST NAD 1927 X=725314 Y=488413 LAT.: N 32.3406542 LONG.: W 103.6037991 NAD 1983 X=766497 Y=488473 LAT.: N 32.3407776 LONG.: W 103.6042827 MD = 22610' NAD27 X=724378.65 Y=488508.84 NAD83 X=765561.63 Y=488568.84 NAD27 X=725701.45 Y=488515.02 NAD83 X=766884.44 Y=488575.02 NAD27 X=725731.79 Y=485875.15 NAD83 X=766914.84 Y=485935.08 NAD27 X=725765.44 Y=483233.97 NAD83 X=766948.56 Y=483293.82 NAD27 X=724486.58 Y=477945.37 NAD83 X=765669.83 Y=478005.07 NAD27 X=725805.49 Y=477949.49 NAD83 X=766988.74 Y=478009.19 T-23-S, R-33-E T-23-S, R-33-E	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.  1/25/2021 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. 10/07/2020 Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number
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LEASE NAME & WELL NO.: RODNEY ROBINSON FED COM 204H
SECTION 7 TWP. 23-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3720'
DESCRIPTION 155' FEL & 546' FSL



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 22, 2021

RODNEY ROBINSON FED COM 204H PRE-COMPLETION	REVISION:		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. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
	INT	DATE	
DATE: 01/18/2021			
FILE: C_RODNEY_ROBINSON_FED_COM_204H			
DRAWN BY: EAH			
SHEET : 1 OF 1			



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-80051
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Rodney Robinson Fed Com 204H
Location: Lea, New Mexico
API Number: 30-25-47352
Tie In Depth: 1351.50
Surveyed Depths: 1449.00' - 22579.00'
Projected TD Survey: 22640.00'
Dates Performed: 11/30/2020 - 12/25/2020

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: Jason Fulton

MWD Operations Manager: Charles Davis

Signature:

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

Date: 12/29/2020

Email: charles.davis@msdir.com



Matador Resources
Lea County, New Mexico (NAD 27)
30-25-47352
Rodney Robinson Fed Com 204H
Wellbore 1

MS MWD
Certified Survey Report
29 December 2020



Field	Lea County, New Mexico (NAD 27) - Matador Resources		
CRS	US-SPC27-EXACT / New Mexico East 3001		
Apply Scale Factor	NO	Scale Factor	0.9999090909
System Datum	Mean Sea Level	Depth Datum->MSL	3745.49 UsFt

Well	Rodney Robinson Fed Com 204H		
Local North	-0.00 UsFt	Local East	-0.00 UsFt
Map Northing	478495.00 US survey foot	Map Easting	725646.00 US survey foot
Latitude	32° 18' 48.18791" N	Longitude	103° 36' 10.59828" W
Depth Datum / Rig	WELL-Patterson 256 / Patterson 256	Datum Elevation	3745.50 UsFt
GL Elevation	3717.00 UsFt		
Grid Convergence	0.390		

Well bore	Rodney Robinson Fed Com 204H - Wellbore 1		
Magnetic Model	User defined	Date	30/11/2020
Total Field (nT)	47831.60	Dip Angle (°)	60.000
Declination (°)	6.533		
VS Origin	User Defined	VS Azimuth	359.43
VS Origin NS	0.00 UsFt	VS Origin EW	0.00 UsFt

Survey Program	MS MWD		
Depth From (UsFt)	Depth To (UsFt)	Survey	Survey Tool
1351.50	22640.00	MS MWD	MWD+HRGM

Survey Report									
MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
1351.50	1.85	45.09	1351.19	-11.53	8.69	-11.62	0.00	0.00	0.00 Tie In
1449.00	1.80	60.81	1448.64	-9.67	11.14	-9.78	0.51	-0.05	16.12
1512.00	1.01	65.03	1511.62	-8.96	12.51	-9.08	1.26	-1.25	6.70
1607.00	1.41	198.80	1606.61	-9.71	12.89	-9.84	2.35	0.42	140.81
1702.00	2.59	201.26	1701.55	-12.82	11.74	-12.93	1.25	1.24	2.59
1798.00	4.31	198.53	1797.37	-18.26	9.80	-18.35	1.80	1.79	-2.84
1892.00	4.09	197.21	1891.12	-24.81	7.69	-24.88	0.26	-0.23	-1.40
1986.00	3.91	200.91	1984.89	-31.00	5.55	-31.06	0.33	-0.19	3.94
2080.00	3.78	205.65	2078.68	-36.79	3.07	-36.82	0.37	-0.14	5.04
2175.00	3.69	207.41	2173.48	-42.33	0.30	-42.33	0.15	-0.09	1.85
2269.00	4.62	208.11	2267.23	-48.35	-2.87	-48.32	0.99	0.99	0.74
2363.00	6.20	212.24	2360.81	-55.99	-7.36	-55.91	1.73	1.68	4.39
2458.00	7.52	211.80	2455.13	-65.61	-13.38	-65.47	1.39	1.39	-0.46
2552.00	9.10	210.75	2548.14	-77.23	-20.42	-77.02	1.69	1.68	-1.12
2647.00	9.10	210.66	2641.94	-90.14	-28.09	-89.86	0.01	0.00	-0.09
2741.00	9.01	212.42	2734.77	-102.75	-35.83	-102.39	0.31	-0.10	1.87
2836.00	9.10	212.86	2828.59	-115.34	-43.89	-114.90	0.12	0.09	0.46
2930.00	9.01	213.12	2921.42	-127.75	-51.95	-127.23	0.11	-0.10	0.28
3025.00	8.48	212.95	3015.31	-139.86	-59.82	-139.26	0.56	-0.56	-0.18
3119.00	8.62	211.45	3108.27	-151.68	-67.27	-151.01	0.28	0.15	-1.60
3214.00	8.31	212.42	3202.23	-163.55	-74.66	-162.80	0.36	-0.33	1.02
3309.00	8.40	203.01	3296.23	-175.74	-81.05	-174.92	1.44	0.09	-9.91
3403.00	8.31	199.41	3389.23	-188.46	-86.00	-187.60	0.56	-0.10	-3.83
3498.00	7.91	199.41	3483.28	-201.10	-90.45	-200.19	0.42	-0.42	0.00
3592.00	7.52	197.30	3576.43	-213.08	-94.43	-212.13	0.51	-0.41	-2.24
3687.00	7.12	198.62	3670.66	-224.59	-98.16	-223.60	0.46	-0.42	1.39
3781.00	6.29	199.24	3764.01	-234.97	-101.71	-233.95	0.89	-0.88	0.66
3876.00	6.99	202.66	3858.37	-245.22	-105.66	-244.16	0.85	0.74	3.60
3971.00	7.69	213.91	3952.60	-255.83	-111.43	-254.71	1.68	0.74	11.84
4066.00	7.38	216.11	4046.78	-266.03	-118.57	-264.84	0.45	-0.33	2.32
4160.00	6.51	206.53	4140.09	-275.68	-124.51	-274.43	1.54	-0.93	-10.19
4255.00	6.11	191.06	4234.52	-285.46	-127.88	-284.17	1.83	-0.42	-16.28
4349.00	6.20	183.50	4327.98	-295.44	-129.15	-294.14	0.87	0.10	-8.04
4443.00	6.11	186.93	4421.44	-305.47	-130.07	-304.16	0.40	-0.10	3.65
4538.00	6.68	198.44	4515.85	-315.73	-132.43	-314.40	1.47	0.60	12.12
4633.00	6.59	199.32	4610.22	-326.12	-135.98	-324.75	0.14	-0.09	0.93
4727.00	6.20	199.68	4703.63	-335.99	-139.47	-334.58	0.42	-0.41	0.38
4822.00	6.11	195.63	4798.09	-345.69	-142.56	-344.25	0.47	-0.09	-4.26
4917.00	5.98	218.04	4892.57	-354.45	-146.97	-352.97	2.47	-0.14	23.59
5011.00	5.32	214.97	4986.11	-361.88	-152.49	-360.35	0.77	-0.70	-3.27
5105.00	4.48	212.77	5079.77	-368.54	-156.97	-366.96	0.92	-0.89	-2.34
5200.00	4.00	211.80	5174.51	-374.47	-160.73	-372.86	0.51	-0.51	-1.02
5294.00	4.00	221.30	5268.28	-379.72	-164.62	-378.07	0.70	0.00	10.11
5389.00	4.09	229.47	5363.05	-384.42	-169.38	-382.71	0.61	0.09	8.60
5484.00	3.91	225.08	5457.81	-388.90	-174.25	-387.15	0.37	-0.19	-4.62
5578.00	3.69	230.70	5551.61	-393.08	-178.86	-391.28	0.46	-0.23	5.98
5673.00	3.38	232.63	5646.43	-396.72	-183.45	-394.87	0.35	-0.33	2.03
5767.00	3.21	230.26	5740.27	-400.08	-187.68	-398.20	0.23	-0.18	-2.52
5861.00	2.90	227.98	5834.14	-403.36	-191.47	-401.43	0.35	-0.33	-2.43
5956.00	2.90	228.94	5929.02	-406.54	-195.06	-404.58	0.05	0.00	1.01



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
6051.00	2.51	231.40	6023.91	-409.42	-198.50	-407.43	0.43	-0.41	2.59
6145.00	2.51	235.27	6117.82	-411.88	-201.80	-409.85	0.18	0.00	4.12
6239.00	2.51	235.36	6211.73	-414.22	-205.19	-412.16	0.00	0.00	0.10
6335.00	2.42	241.42	6307.64	-416.38	-208.70	-414.29	0.29	-0.09	6.31
6429.00	2.20	232.37	6401.57	-418.44	-211.87	-416.31	0.45	-0.23	-9.63
6523.00	2.11	233.25	6495.50	-420.57	-214.68	-418.42	0.10	-0.10	0.94
6618.00	2.29	230.17	6590.43	-422.83	-217.54	-420.65	0.23	0.19	-3.24
6712.00	1.01	221.82	6684.39	-424.66	-219.54	-422.45	1.38	-1.36	-8.88
6807.00	0.48	221.65	6779.38	-425.58	-220.36	-423.36	0.56	-0.56	-0.18
6901.00	0.70	221.91	6873.37	-426.30	-221.01	-424.08	0.23	0.23	0.28
6996.00	0.70	233.25	6968.37	-427.08	-221.86	-424.85	0.15	0.00	11.94
7090.00	0.62	232.81	7062.36	-427.73	-222.72	-425.49	0.09	-0.09	-0.47
7184.00	0.79	239.58	7156.35	-428.36	-223.69	-426.12	0.20	0.18	7.20
7279.00	0.79	238.61	7251.35	-429.04	-224.81	-426.78	0.01	0.00	-1.02
7373.00	0.79	235.45	7345.34	-429.74	-225.90	-427.47	0.05	0.00	-3.36
7468.00	1.10	239.67	7440.32	-430.57	-227.22	-428.29	0.33	0.33	4.44
7562.00	1.41	240.10	7534.30	-431.61	-229.01	-429.31	0.33	0.33	0.46
7657.00	1.01	240.10	7629.28	-432.61	-230.74	-430.29	0.42	-0.42	0.00
7751.00	0.88	235.45	7723.27	-433.43	-232.06	-431.10	0.16	-0.14	-4.95
7846.00	0.62	222.61	7818.26	-434.22	-233.01	-431.88	0.32	-0.27	-13.52
7941.00	0.48	211.45	7913.25	-434.94	-233.56	-432.59	0.18	-0.15	-11.75
8036.00	0.62	218.48	8008.25	-435.68	-234.09	-433.33	0.16	0.15	7.40
8131.00	0.62	216.81	8103.24	-436.49	-234.72	-434.14	0.02	0.00	-1.76
8225.00	0.40	348.21	8197.24	-436.58	-235.09	-434.22	0.99	-0.23	139.79
8320.00	0.70	356.47	8292.24	-435.68	-235.19	-433.31	0.33	0.32	8.69
8415.00	0.62	320.61	8387.23	-434.70	-235.55	-432.33	0.44	-0.08	-37.75
8509.00	0.79	313.85	8481.22	-433.86	-236.34	-431.48	0.20	0.18	-7.19
8603.00	0.70	347.16	8575.22	-432.85	-236.94	-430.47	0.46	-0.10	35.44
8698.00	0.62	354.71	8670.21	-431.77	-237.12	-429.39	0.12	-0.08	7.95
8793.00	0.70	327.20	8765.20	-430.77	-237.48	-428.39	0.34	0.08	-28.96
8888.00	0.79	312.26	8860.20	-429.84	-238.28	-427.45	0.22	0.09	-15.73
8983.00	1.01	288.80	8955.19	-429.13	-239.55	-426.73	0.45	0.23	-24.69
9077.00	1.32	281.41	9049.17	-428.65	-241.40	-426.23	0.37	0.33	-7.86
9172.00	0.31	340.12	9144.16	-428.19	-242.56	-425.76	1.25	-1.06	61.80
9266.00	0.62	2.36	9238.15	-427.45	-242.62	-425.01	0.38	0.33	23.66
9361.00	1.19	4.39	9333.14	-425.95	-242.53	-423.51	0.60	0.60	2.13
9455.00	1.01	353.04	9427.12	-424.15	-242.55	-421.72	0.30	-0.19	12.06
9549.00	0.70	359.37	9521.11	-422.76	-242.66	-420.32	0.34	-0.33	6.73
9645.00	0.79	341.97	9617.10	-421.54	-242.87	-419.10	0.25	0.09	-18.13
9739.00	1.10	326.15	9711.09	-420.18	-243.58	-417.73	0.43	0.33	-16.83
9834.00	0.88	347.33	9806.08	-418.71	-244.24	-416.26	0.45	-0.23	22.29
9929.00	0.88	22.75	9901.07	-417.32	-244.12	-414.87	0.56	0.00	37.28
10023.00	1.01	4.91	9995.06	-415.83	-243.77	-413.39	0.34	0.14	-18.98
10118.00	1.41	61.25	10090.04	-414.43	-242.67	-412.00	1.26	0.42	59.31
10213.00	1.98	78.12	10185.00	-413.53	-240.04	-411.13	0.79	0.60	17.76
10307.00	1.58	71.00	10278.95	-412.78	-237.23	-410.40	0.49	-0.43	-7.57
10401.00	1.58	68.37	10372.91	-411.88	-234.80	-409.52	0.08	0.00	-2.80
10496.00	1.01	63.44	10467.89	-411.02	-232.83	-408.68	0.61	-0.60	-5.19
10591.00	0.70	45.95	10562.88	-410.24	-231.67	-407.92	0.42	-0.33	-18.41
10685.00	0.40	342.32	10656.88	-409.53	-231.35	-407.21	0.67	-0.32	67.69
10780.00	0.40	134.90	10751.87	-409.45	-231.22	-407.13	0.82	0.00	160.61
10874.00	0.79	137.62	10845.87	-410.16	-230.55	-407.85	0.42	0.41	2.89
10969.00	1.10	170.32	10940.86	-411.54	-229.96	-409.23	0.64	0.33	34.42
11064.00	1.41	177.88	11035.83	-413.61	-229.76	-411.30	0.37	0.33	7.96
11159.00	1.58	187.90	11130.80	-416.07	-229.90	-413.77	0.33	0.18	10.55
11253.00	1.98	194.40	11224.76	-418.93	-230.48	-416.62	0.48	0.43	6.91
11348.00	1.98	197.04	11319.70	-422.09	-231.37	-419.77	0.10	0.00	2.78
11442.00	1.71	219.80	11413.65	-424.72	-232.74	-422.38	0.82	-0.29	24.21
11536.00	1.49	214.26	11507.62	-426.81	-234.33	-424.46	0.29	-0.23	-5.89
11631.00	1.89	203.98	11602.57	-429.26	-235.66	-426.89	0.53	0.42	-10.82
11707.00	2.11	203.37	11678.53	-431.69	-236.72	-429.31	0.29	0.29	-0.80
11800.00	2.29	200.55	11771.46	-435.00	-238.05	-432.61	0.23	0.19	-3.03
11894.00	1.32	332.92	11865.44	-435.80	-239.21	-433.39	3.54	-1.03	140.82
11990.00	10.51	9.92	11960.84	-426.16	-238.20	-423.77	9.88	9.57	38.54
12088.00	17.80	2.36	12055.80	-402.36	-236.04	-399.99	7.66	7.44	-7.71
12182.00	26.51	4.21	12142.78	-367.01	-233.90	-364.67	9.29	9.27	1.97
12277.00	32.40	12.73	12225.50	-320.98	-226.73	-318.71	7.59	6.20	8.97
12371.00	40.62	15.54	12300.99	-266.84	-212.96	-264.71	8.92	8.74	2.99
12466.00	55.60	11.94	12364.26	-196.47	-196.33	-196.33	16.01	15.77	-3.79
12560.00	69.98	4.21	12407.18	-115.78	-185.13	-113.94	16.94	15.30	-8.22
12655.00	80.22	0.78	12431.58	-24.20	-181.20	-22.40	11.33	10.78	-3.61
12750.00	87.38	357.44	12441.84	70.16	-182.69	71.97	8.31	7.54	3.52
12844.00	87.12	357.18	12446.35	163.95	-187.09	165.80	0.39	-0.28	-0.28
12939.00	92.09	357.35	12447.00	258.81	-191.63	260.70	5.23	5.23	0.18
13033.00	92.62	357.53	12443.14	352.63	-195.82	354.56	0.60	0.56	0.19
13128.00	93.41	357.88	12438.14	447.42	-199.62	449.39	0.91	0.83	0.37
13222.00	92.31	357.53	12433.45	541.23	-203.38	543.23	1.23	-1.17	-0.37
13316.00	90.51	357.26	12431.14	635.10	-207.65	637.13	1.94	-1.91	-0.29



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
13411.00	89.41	356.65	12431.20	729.96	-212.70	732.04	1.32	-1.16	-0.64
13506.00	88.40	356.12	12433.02	824.76	-218.69	826.89	1.20	-1.06	-0.56
13600.00	88.62	355.51	12435.46	918.47	-225.54	920.67	0.69	0.23	-0.65
13695.00	87.12	358.58	12439.00	1013.27	-230.44	1015.51	3.59	-1.58	3.23
13789.00	88.40	358.92	12442.67	1107.17	-232.49	1109.43	1.41	1.36	0.36
13884.00	88.31	358.76	12445.40	1202.11	-234.41	1204.38	0.19	-0.09	-0.17
13978.00	88.62	357.97	12447.92	1296.04	-237.09	1298.33	0.90	0.33	-0.84
14072.00	89.49	357.53	12449.47	1389.95	-240.78	1392.28	1.04	0.93	-0.47
14167.00	88.31	357.97	12451.29	1484.86	-244.51	1487.22	1.33	-1.24	0.46
14261.00	88.70	357.35	12453.74	1578.75	-248.35	1581.14	0.78	0.41	-0.66
14356.00	89.58	357.35	12455.17	1673.64	-252.74	1676.07	0.93	0.93	0.00
14450.00	87.52	359.02	12457.55	1767.55	-255.71	1770.01	2.82	-2.19	1.78
14545.00	87.91	357.88	12461.33	1862.44	-258.28	1864.92	1.27	0.41	-1.20
14640.00	86.99	0.78	12465.56	1957.33	-259.39	1959.81	3.20	-0.97	3.05
14734.00	86.99	359.64	12470.50	2051.19	-259.05	2053.67	1.21	0.00	1.21
14828.00	86.99	1.83	12475.43	2145.05	-257.84	2147.51	2.33	0.00	2.33
14923.00	90.11	2.80	12477.84	2239.93	-254.01	2242.35	3.44	3.28	1.02
15017.00	90.42	2.45	12477.40	2333.83	-249.70	2336.20	0.50	0.33	-0.37
15112.00	90.90	1.31	12476.31	2428.77	-246.59	2431.10	1.30	0.51	-1.20
15207.00	92.09	1.48	12473.83	2523.71	-244.27	2526.01	1.27	1.25	0.18
15302.00	91.38	0.95	12470.95	2618.64	-242.26	2620.92	0.93	-0.75	-0.56
15396.00	92.40	0.34	12467.85	2712.58	-241.20	2714.85	1.26	1.09	-0.65
15491.00	90.42	358.14	12465.52	2807.54	-242.46	2809.81	3.11	-2.08	2.32
15585.00	90.99	356.91	12464.36	2901.44	-246.52	2903.75	1.44	0.61	-1.31
15679.00	89.98	359.90	12463.56	2995.39	-249.14	2997.72	3.36	-1.07	3.18
15774.00	91.38	0.78	12462.44	3090.38	-248.57	3092.70	1.74	1.47	0.93
15869.00	89.19	359.64	12461.96	3185.37	-248.23	3187.68	2.60	-2.31	1.20
15964.00	88.48	358.76	12463.89	3280.34	-249.55	3282.66	1.19	-0.75	-0.93
16058.00	89.49	359.02	12465.56	3374.30	-251.37	3376.64	1.11	1.07	0.28
16153.00	90.68	359.02	12465.42	3469.29	-253.00	3471.63	1.25	1.25	0.00
16247.00	89.19	358.76	12465.53	3563.27	-254.82	3565.63	1.61	-1.59	-0.28
16342.00	89.49	358.14	12466.62	3658.23	-257.39	3660.61	0.72	0.32	-0.65
16436.00	87.60	355.51	12469.01	3752.04	-262.59	3754.47	3.44	-2.01	-2.80
16531.00	90.90	3.15	12470.25	3846.94	-263.70	3849.37	8.76	3.47	8.04
16625.00	93.93	3.68	12466.29	3940.68	-258.11	3943.05	3.27	3.22	0.56
16719.00	94.20	3.15	12459.63	4034.28	-252.52	4036.59	0.63	0.29	-0.56
16814.00	94.73	2.54	12452.23	4128.87	-247.82	4131.13	0.85	0.56	-0.64
16908.00	93.41	358.93	12445.56	4222.61	-246.62	4224.85	4.08	-1.40	3.84
17003.00	91.30	358.67	12441.66	4317.50	-248.61	4319.76	2.24	-2.22	-0.27
17098.00	91.21	358.67	12439.57	4412.45	-250.81	4414.73	0.09	-0.09	0.00
17192.00	92.48	358.76	12436.55	4506.38	-252.92	4508.67	1.35	1.35	0.10
17287.00	91.30	358.23	12433.42	4601.29	-255.41	4603.60	1.36	-1.24	-0.56
17382.00	92.22	357.97	12430.50	4696.19	-258.56	4698.53	1.01	0.97	-0.27
17476.00	92.88	358.05	12426.32	4790.04	-261.82	4792.41	0.71	0.70	0.09
17571.00	93.89	357.35	12420.71	4884.80	-265.63	4887.20	1.29	1.06	-0.74
17666.00	92.88	359.72	12415.10	4979.59	-268.05	4982.01	2.71	-1.06	2.49
17760.00	94.11	0.16	12409.37	5073.42	-268.15	5075.83	1.39	1.31	0.47
17855.00	92.00	359.46	12404.30	5168.28	-268.46	5170.69	2.34	-2.22	0.74
17950.00	93.32	359.46	12399.89	5263.17	-269.36	5265.59	1.39	1.39	0.00
18044.00	91.52	359.02	12395.93	5357.07	-270.60	5359.50	1.97	-1.91	-0.47
18138.00	92.22	358.58	12392.86	5451.00	-272.57	5453.44	0.88	0.74	-0.47
18233.00	91.65	357.26	12389.65	5545.88	-276.02	5548.35	1.51	-0.60	-1.39
18328.00	91.25	356.65	12387.25	5640.72	-281.06	5643.23	0.77	-0.42	-0.64
18422.00	93.32	359.37	12383.50	5734.57	-284.33	5737.11	3.63	2.20	2.89
18517.00	94.20	358.93	12377.27	5829.35	-285.73	5831.91	1.04	0.93	-0.46
18611.00	95.69	358.76	12369.17	5922.98	-287.62	5925.55	1.60	1.59	-0.18
18706.00	93.19	358.67	12361.81	6017.67	-289.74	6020.25	2.63	-2.63	-0.09
18801.00	93.80	358.14	12356.02	6112.45	-292.38	6115.06	0.85	0.64	-0.56
18896.00	92.62	359.02	12350.70	6207.27	-294.73	6209.90	1.55	-1.24	0.93
18990.00	93.58	359.37	12345.62	6301.12	-296.05	6303.76	1.09	1.02	0.37
19085.00	89.89	359.11	12342.74	6396.05	-297.31	6398.70	3.89	-3.88	-0.27
19179.00	89.49	358.93	12343.25	6490.04	-298.92	6492.69	0.47	-0.43	-0.19
19273.00	94.11	2.10	12340.30	6583.95	-298.08	6586.59	5.96	4.91	3.37
19368.00	93.98	2.10	12333.60	6678.65	-294.60	6681.25	0.14	-0.14	0.00
19463.00	93.49	1.22	12327.41	6773.41	-291.86	6775.98	1.06	-0.52	-0.93
19557.00	93.49	0.78	12321.69	6867.22	-290.22	6869.77	0.47	0.00	-0.47
19651.00	93.10	0.52	12316.28	6961.06	-289.16	6963.59	0.50	-0.41	-0.28
19746.00	93.01	359.55	12311.22	7055.92	-289.10	7058.45	1.02	-0.09	1.02
19841.00	93.10	358.67	12306.16	7150.77	-290.57	7153.31	0.93	0.09	-0.93
19935.00	92.70	357.97	12301.40	7244.61	-293.32	7247.17	0.86	-0.43	-0.74
20030.00	92.13	357.26	12297.40	7339.45	-297.27	7342.04	0.96	-0.60	-0.75
20124.00	92.00	356.82	12294.01	7433.26	-302.13	7435.90	0.49	-0.14	-0.47
20218.00	93.14	0.95	12289.79	7527.12	-303.95	7529.78	4.55	1.21	4.39
20313.00	93.41	0.95	12284.37	7621.96	-302.38	7624.59	0.28	0.28	0.00
20408.00	93.01	0.51	12279.05	7716.80	-301.17	7719.41	0.63	-0.42	-0.46
20503.00	92.79	359.55	12274.24	7811.68	-301.12	7814.29	1.04	-0.23	1.01
20597.00	93.58	359.11	12269.02	7905.52	-302.22	7908.14	0.96	0.84	-0.47
20692.00	92.22	0.87	12264.21	8000.40	-302.24	8003.01	2.34	-1.43	1.85



Survey Report

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20786.00	93.01	359.90	12259.92	8094.29	-301.61	8096.89	1.33	0.84	1.03
20880.00	90.33	0.60	12257.18	8188.24	-301.20	8190.84	2.95	-2.85	0.74
20975.00	89.58	359.46	12257.26	8283.24	-301.15	8285.83	1.44	-0.79	1.20
21069.00	89.49	358.58	12258.02	8377.22	-302.75	8379.82	0.94	-0.10	-0.94
21163.00	89.71	358.05	12258.68	8471.18	-305.52	8473.80	0.61	0.23	-0.56
21258.00	89.32	357.26	12259.48	8566.10	-309.40	8568.75	0.93	-0.41	-0.83
21352.00	90.68	0.87	12259.48	8660.07	-310.94	8662.73	4.10	1.45	3.84
21447.00	91.12	0.87	12257.99	8755.04	-309.50	8757.69	0.46	0.46	0.00
21541.00	90.99	0.25	12256.26	8849.02	-308.58	8851.65	0.67	-0.14	-0.66
21635.00	90.20	359.46	12255.28	8943.02	-308.81	8945.65	1.19	-0.84	0.84
21730.00	90.59	1.92	12254.63	9038.00	-307.67	9040.61	2.62	0.41	2.59
21824.00	91.30	1.75	12253.08	9131.94	-304.66	9134.52	0.78	0.76	-0.18
21919.00	90.99	1.04	12251.18	9226.89	-302.35	9229.44	0.82	-0.33	-0.75
22013.00	92.00	359.81	12248.73	9320.85	-301.65	9323.39	1.69	1.07	1.31
22108.00	92.62	358.76	12244.90	9415.77	-302.84	9418.31	1.28	0.65	-1.11
22202.00	92.40	357.61	12240.78	9509.63	-305.81	9512.20	1.24	-0.23	-1.22
22296.00	92.70	356.56	12236.60	9603.41	-310.59	9606.03	1.16	0.32	-1.12
22391.00	93.41	356.30	12231.53	9698.09	-316.49	9700.76	0.80	0.75	-0.27
22485.00	93.41	355.77	12225.94	9791.70	-322.98	9794.43	0.56	0.00	-0.56
22579.00	93.80	355.77	12220.03	9885.26	-329.90	9888.05	0.41	0.41	0.00
22640.00	93.80	355.77	12215.99	9945.96	-334.39	9948.79	0.00	0.00	0.00 PTB

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

CONDITIONS

Action 18354

CONDITIONS OF APPROVAL

Operator: MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500	One Lincoln Centre Dallas, TX75240	OGRID: 228937	Action Number: 18354	Action Type: C-104C
OCD Reviewer plmartinez	Condition None			