

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 30-025-46372	² Pool Code 98177	³ Pool Name WC-025 G-09 S223332A;UPR WOLFCAMP
⁴ Property Code 326002	⁵ Property Name RODNEY ROBINSON FEDERAL	⁶ Well Number 201H
⁷ GRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3738'

¹⁰Surface Location

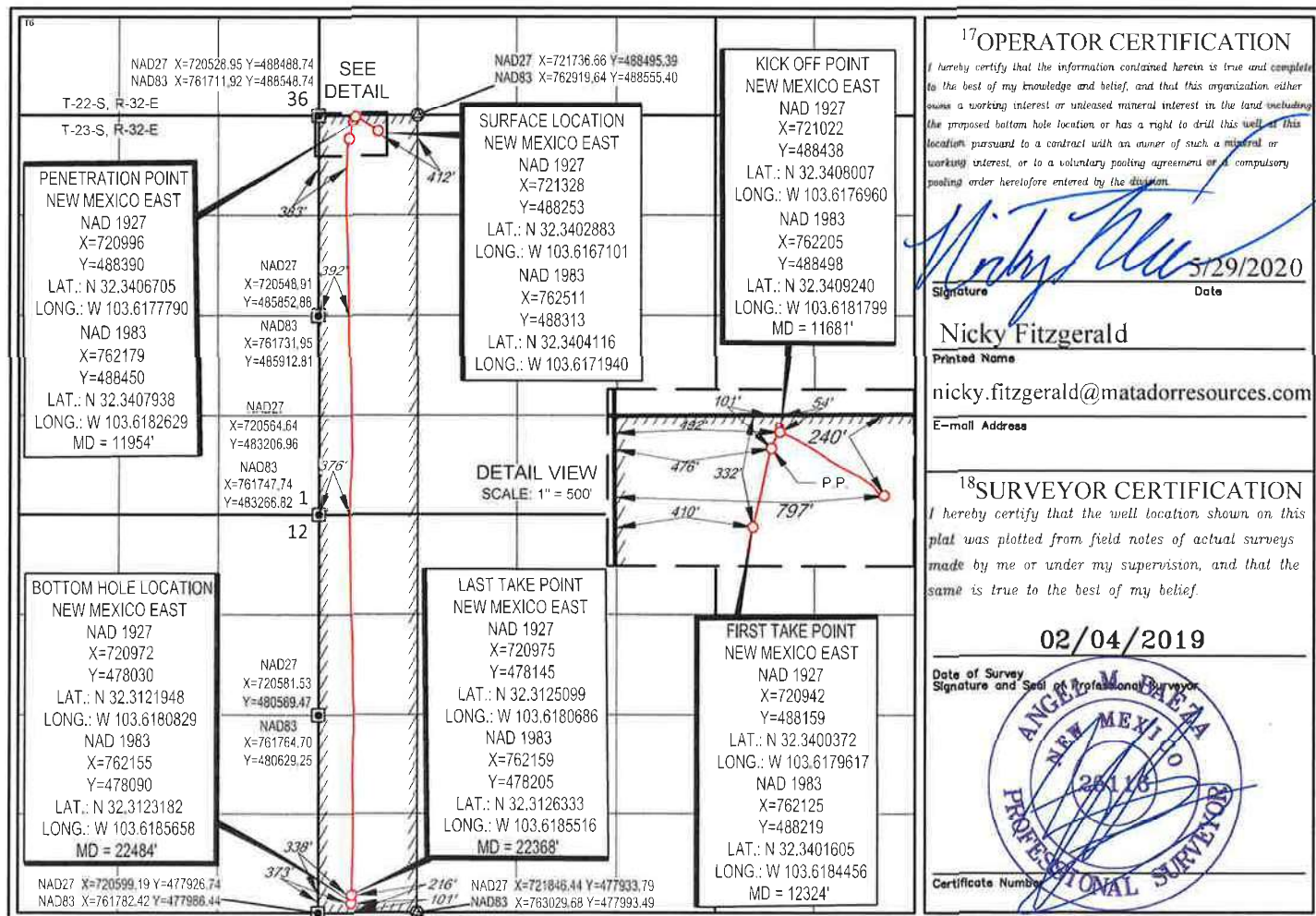
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	6	23-S	33-E	-	240'	NORTH	797'	WEST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	7	23-S	33-E	-	101'	SOUTH	373'	WEST	LEA

¹² Dedicated Acres 299.32	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.



SCALE: 1" = 300'
0' 150' 300'

SECTION 6, TOWNSHIP 23-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

PENETRATION POINT
NEW MEXICO EAST
NAD 1927
X=720996
Y=488390
LAT.: N 32.3406705
LONG.: W 103.6177790
NAD 1983
X=762179
Y=488450
LAT.: N 32.3407938
LONG.: W 103.6182629
MD = 11954'

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=721328
Y=488253
LAT.: N 32.3402883
LONG.: W 103.6167101
NAD 1983
X=762511
Y=488313
LAT.: N 32.3404116
LONG.: W 103.6171940

KICK OFF POINT
NEW MEXICO EAST
NAD 1927
X=721022
Y=488438
LAT.: N 32.3408007
LONG.: W 103.6176960
NAD 1983
X=762205
Y=488498
LAT.: N 32.3409240
LONG.: W 103.6181799
MD = 11681'

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
X=720972
Y=478030
LAT.: N 32.3121948
LONG.: W 103.6180829
NAD 1983
X=762155
Y=478090
LAT.: N 32.3123182
LONG.: W 103.6185658
MD = 22484'

LAST TAKE POINT
NEW MEXICO EAST
NAD 1927
X=720975
Y=478145
LAT.: N 32.3125099
LONG.: W 103.6180686
NAD 1983
X=762159
Y=478205
LAT.: N 32.3126333
LONG.: W 103.6185516
MD = 22368'

FIRST TAKE POINT
NEW MEXICO EAST
NAD 1927
X=720942
Y=488159
LAT.: N 32.3400372
LONG.: W 103.6179617
NAD 1983
X=762125
Y=488219
LAT.: N 32.3401605
LONG.: W 103.6184456
MD = 12324'

DETAIL VIEW
SCALE: 1" = 500'

LEASE NAME & WELL NO.: RODNEY ROBINSON FEDERAL 201H
SECTION 6 TWP 23-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3738'
DESCRIPTION 797' FWL & 240' FNL



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) 682-1553 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Angel M. Baeza, P.S. No. 25116
MAY 27, 2020

RODNEY ROBINSON FEDERAL 201H AS-COMPLETED	REVISION:		NOTES:
	INT	DATE	
DATE: 5/27/2020			1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983. 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.
AD RODNEY ROBINSON FEDERAL 201H			
DRAWN BY: JDR			
SHEET: 1 OF 1			



Rodney Robinson Federal No. 201H
Lea County, NM

January 31, 2020

Job No. LNM5537019

Certified Report

ORIGINAL



PRODIRECTIONAL

Survey Certification Letter

January 31, 2020



Operator Name: Matador Resources
Well Name: Rodney Robinson Federal No. 201H
County/Parish: Lea County,
State: NM
Rig Name: Patterson 810
Job Number: LNM5537019

This is to certify the surveys performed on the referenced well by Professional Directional Ent., Inc. are true and correct MWD Surveys, data provided as follows:

<u>Surveyor</u>	<u>Surveyed Depths</u>	<u>Projection to Bit</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
ProDirectional	156' MD – 22,420' MD	22,484' MD	10/01/19 – 01/15/20	MWD

Sincerely,

Mike Coats
Regulatory Specialist
Professional Directional

850 Conroe Park West Drive | Conroe, TX 77303 | Phone: 936.441.7266
prodirectional.com



Matador Resources

**Lea County, NM
Rodney Robinson Federal
No. 201H
OH**

Survey: ProDirectional

Survey Report

31 January, 2020





ProDirectional Survey Report



Company: Matador Resources Lea County, NM (NAD83) Project: Rodney Robinson Federal Site: No. 201H Well: OH Wellbore: MWD-156'-22420', PTB: 22484' Design:	Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	Well No. 201H Well @ 3766.50usft Well @ 3766.50usft Grid Minimum Curvature WellPlanner1
Project Lea County, NM (NAD83) Map System: US State Plane 1983 Geo Datum: North American Datum 1983 Map Zone: New Mexico Eastern Zone	System Datum: Mean Sea Level	
Site Rodney Robinson Federal		
Site Position: From: Map Position Uncertainty: 0.00 usft	Northing: 488,319.00 usft Easting: 763,640.00 usft Slot Radius: 13-3/16 "	Latitude: 32° 20' 25.4644866 N Longitude: 103° 36' 48.7331152 W Grid Convergence: 0.39 °
Well No. 201H, LNM5537019		
Well Position +N/-S 0.00 usft +E/-W 0.00 usft Wellhead Elevation: 0.00 usft	Northing: 488,313.00 usft Easting: 762,511.00 usft Wellhead Elevation: usft	Latitude: 32° 20' 25.4800074 N Longitude: 103° 37' 1.8928741 W Ground Level: 3,738.00 usft
Wellbore OH		
Magnetics Model Name Sample Date HDGM 10/22/2019	Dip Angle (°) 6.67	Field Strength (nT) 47,970.80
Design MWD-156'-22420', PTB: 22484'		
Audit Notes: Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft) 0.00	Direction (°) 179.62
Survey Program From (usft) To (usft) Survey (Wellbore) 156.00 22,484.00 Survey #1 (OH)	Tool Name MWD+HDGM	Description OWSG MWD + HRGM



ProDirectional Survey Report



Company: Matador Resources
Project: Lea County, NM (NAD83)
Site: Rodney Robinson Federal
Well: No. 201H
Wellbore: OH
Design: MWD-156-22420', PTB: 22484'

Local Co-ordinate Reference:
TVD Reference: Well @ 3766.50usft
M/D Reference: Well @ 3766.50usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	NIS (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	488,313.00	762,511.00
156.00	0.80	230.10	155.99	0.69	-0.70	-0.84	1.09	230.10	488,312.30	762,510.16
Pro MWD First Survey: 156' MD										
250.00	1.00	237.10	249.98	1.55	-1.57	-2.03	2.56	232.34	488,311.43	762,508.97
311.00	1.10	245.30	310.97	2.08	-2.10	-3.01	3.67	235.08	488,310.90	762,507.99
374.00	1.00	250.40	373.96	2.51	-2.54	-4.07	4.80	238.10	488,310.46	762,506.93
435.00	1.00	251.40	434.95	2.85	-2.88	-5.08	5.84	240.41	488,310.12	762,505.92
498.00	1.00	253.20	497.94	3.18	-3.22	-6.13	6.92	242.29	488,309.78	762,504.87
565.00	1.00	252.50	564.93	3.52	-3.56	-7.24	8.07	243.81	488,309.44	762,503.76
629.00	0.60	264.60	628.93	3.71	-3.76	-8.11	8.94	245.11	488,309.24	762,502.89
724.00	0.10	282.30	723.93	3.73	-3.79	-8.69	9.48	246.42	488,309.21	762,502.31
820.00	0.10	356.60	819.92	3.63	-3.69	-8.77	9.52	247.19	488,309.31	762,502.23
915.00	0.10	313.50	914.92	3.49	-3.55	-8.84	9.53	248.11	488,309.45	762,502.16
1,011.00	0.20	324.00	1,010.92	3.30	-3.36	-9.00	9.60	249.54	488,309.64	762,502.00
1,107.00	0.20	37.00	1,106.92	3.03	-3.09	-9.00	9.51	251.05	488,309.91	762,502.00
1,203.00	0.00	15.00	1,202.92	2.90	-2.95	-8.89	9.37	251.63	488,310.05	762,502.11
1,283.00	0.30	329.00	1,282.92	2.71	-2.77	-9.00	9.42	252.87	488,310.23	762,502.00
1,379.00	0.50	341.40	1,378.92	2.10	-2.16	-9.27	9.51	256.86	488,310.84	762,501.73
1,475.00	0.40	331.70	1,474.92	1.41	-1.47	-9.56	9.67	261.26	488,311.53	762,501.44
1,571.00	0.40	313.70	1,570.92	0.88	-0.94	-9.96	10.00	264.59	488,312.06	762,501.04
1,666.00	0.30	319.70	1,665.91	0.46	-0.52	-10.36	10.37	267.10	488,312.48	762,500.64
1,762.00	0.30	321.60	1,761.91	0.07	-0.14	-10.68	10.68	269.27	488,312.86	762,500.32
1,858.00	0.30	257.60	1,857.91	-0.08	0.01	-11.08	11.08	270.03	488,313.01	762,499.92
1,953.00	0.10	160.20	1,952.91	0.05	-0.12	-11.29	11.30	269.37	488,312.88	762,499.71
2,049.00	0.10	219.10	2,048.91	0.19	-0.27	-11.32	11.32	268.64	488,312.73	762,499.68
2,144.00	0.30	140.00	2,143.91	0.45	-0.52	-11.21	11.22	267.33	488,312.48	762,499.79
2,240.00	0.40	168.10	2,239.91	0.97	-1.04	-10.98	11.03	264.57	488,311.96	762,500.02



ProDirectional Survey Report



Company: Matador Resources
Project: Lea County, NM (NAD83)
Site: Rodney Robinson Federal
Well: No. 201H
Wellbore: OH
Design: MWD-156-22420', PTB: 22484'

Local Co-ordinate Reference:
TVD Reference: Well @ 3766.50usft
MD Reference: Well @ 3766.50usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
	2,336.00	0.20	161.90	2,335.91	1.46	-1.53	-10.86	10.97	261.98	488,311.47	762,500.14
	2,432.00	0.20	151.10	2,431.91	1.77	-1.84	-10.73	10.88	260.28	488,311.16	762,500.27
	2,527.00	0.20	69.60	2,526.91	1.85	-1.92	-10.49	10.67	259.61	488,311.08	762,500.51
	2,623.00	0.10	156.60	2,622.91	1.87	-1.94	-10.30	10.48	259.32	488,311.06	762,500.70
	2,719.00	0.20	72.60	2,718.91	1.90	-1.97	-10.11	10.30	258.97	488,311.03	762,500.89
	2,815.00	0.10	168.60	2,814.91	1.94	-2.00	-9.93	10.13	258.61	488,311.00	762,501.07
	2,911.00	0.00	337.50	2,910.91	2.02	-2.08	-9.91	10.13	258.13	488,310.92	762,501.09
	3,006.00	0.00	31.10	3,005.91	2.02	-2.08	-9.91	10.13	258.13	488,310.92	762,501.09
	3,102.00	1.60	317.20	3,101.89	1.03	-1.10	-10.83	10.88	264.20	488,311.90	762,500.17
	3,197.00	4.00	322.80	3,196.77	-2.60	2.51	-13.73	13.96	280.37	488,315.51	762,497.27
	3,294.00	5.00	323.50	3,293.47	-8.73	8.61	-18.29	20.21	295.20	488,321.61	762,492.71
	3,389.00	4.70	325.00	3,388.13	-15.27	15.12	-22.99	27.51	303.34	488,328.12	762,488.01
	3,484.00	4.60	325.80	3,482.82	-21.64	21.46	-27.36	34.77	308.11	488,334.46	762,483.64
	3,580.00	4.20	317.10	3,578.54	-27.43	27.22	-31.92	41.95	310.46	488,340.22	762,479.08
	3,675.00	4.00	302.20	3,673.30	-31.78	31.53	-37.09	48.68	310.37	488,344.53	762,473.91
	3,771.00	4.00	302.60	3,769.06	-35.40	35.12	-42.74	55.32	309.41	488,348.12	762,468.26
	3,866.00	3.50	302.70	3,863.86	-38.79	38.47	-47.97	61.50	308.73	488,351.47	762,463.03
	3,962.00	3.00	301.30	3,959.71	-41.71	41.36	-52.59	66.90	308.19	488,354.36	762,458.41
	4,057.00	2.30	306.30	4,054.60	-44.15	43.78	-56.25	71.28	307.90	488,356.78	762,454.75
	4,153.00	1.50	315.00	4,150.55	-46.20	45.81	-58.69	74.45	307.98	488,358.81	762,452.31
	4,249.00	2.50	298.30	4,246.49	-48.10	47.69	-61.42	77.76	307.83	488,360.69	762,449.58
	4,344.00	3.50	298.50	4,341.36	-50.49	50.06	-65.79	82.67	307.27	488,363.06	762,445.21
	4,440.00	2.70	307.50	4,437.22	-53.30	52.83	-70.16	87.83	306.98	488,365.83	762,440.84
	4,535.00	1.80	312.00	4,532.14	-55.68	55.19	-73.05	91.55	307.07	488,368.19	762,437.95
	4,630.00	2.80	294.60	4,627.07	-57.66	57.16	-76.26	95.31	306.85	488,370.16	762,434.74
	4,727.00	3.30	295.50	4,723.93	-59.88	59.35	-80.94	100.36	306.25	488,372.35	762,430.06
	4,822.00	4.00	296.20	4,818.74	-62.56	61.99	-86.38	106.32	305.66	488,374.99	762,424.62



ProDirectional Survey Report

**Company:**

Matador Resources

Project:

Lea County, NM (NAD83)

Site:

Rodney Robinson Federal

Well:

No. 201H

Wellbore:

OH

Design:

MWD-156'-22420', PTB: 22484'

Local Co-ordinate Reference:

Well No. 201H

TVD Reference:

Well @ 3766.50usft

MD Reference:

Well @ 3766.50usft

North Reference:

Grid

Survey Calculation Method:

Minimum Curvature

Database:

WellPlanner1

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	MS (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
4,917.00	4.50	295.30	4,913.48	-65.66	65.04	-92.72	113.26	305.05	488,378.04	762,418.28
4,990.00	4.00	297.70	4,986.27	-68.09	67.45	-97.57	118.61	304.66	488,380.45	762,413.43
5,084.00	3.40	296.90	5,080.08	-70.92	70.23	-102.95	124.63	304.30	488,383.23	762,408.05
5,180.00	3.40	297.40	5,175.91	-73.55	72.83	-108.02	130.28	303.99	488,385.83	762,402.98
5,276.00	3.40	296.30	5,271.74	-76.15	75.40	-113.10	135.93	303.69	488,388.40	762,397.90
5,371.00	3.40	297.20	5,366.57	-78.72	77.94	-118.13	141.53	303.42	488,390.94	762,392.87
5,467.00	3.50	298.90	5,462.40	-81.47	80.66	-123.23	147.28	303.21	488,393.66	762,387.77
5,563.00	3.60	298.20	5,558.21	-84.35	83.50	-128.45	153.20	303.03	488,396.50	762,382.55
5,658.00	3.70	299.30	5,653.02	-87.29	86.41	-133.75	159.23	302.86	488,399.41	762,377.25
5,754.00	3.40	299.80	5,748.84	-90.26	89.34	-138.92	165.17	302.74	488,402.34	762,372.08
5,850.00	3.30	302.60	5,844.67	-93.19	92.24	-143.72	170.77	302.69	488,405.24	762,367.28
5,945.00	3.30	302.30	5,939.52	-96.16	95.18	-148.34	176.24	302.69	488,408.18	762,362.66
6,041.00	3.20	302.20	6,035.36	-99.09	98.08	-152.94	181.69	302.67	488,411.08	762,358.06
6,137.00	3.20	302.90	6,131.21	-102.00	100.96	-157.46	187.04	302.67	488,413.96	762,353.54
6,233.00	3.10	303.90	6,227.07	-104.94	103.87	-161.86	192.32	302.69	488,416.87	762,349.14
6,328.00	3.20	305.70	6,321.92	-107.95	106.85	-166.14	197.53	302.74	488,419.85	762,344.86
6,424.00	3.30	305.60	6,417.77	-111.15	110.02	-170.57	202.97	302.82	488,423.02	762,340.43
6,520.00	3.40	305.30	6,513.61	-114.43	113.27	-175.14	208.57	302.89	488,426.27	762,335.86
6,616.00	3.40	305.00	6,609.44	-117.74	116.55	-179.79	214.26	302.95	488,429.55	762,331.21
6,711.00	3.40	306.30	6,704.27	-121.05	119.83	-184.37	219.89	303.02	488,432.83	762,326.63
6,807.00	3.50	304.60	6,800.09	-124.43	123.18	-189.08	225.66	303.08	488,436.18	762,321.92
6,902.00	4.80	300.70	6,894.84	-128.15	126.86	-194.88	232.53	303.06	488,439.86	762,316.12
6,998.00	5.20	300.60	6,990.48	-132.46	131.12	-202.08	240.89	302.98	488,444.12	762,308.92
7,094.00	5.00	302.10	7,086.10	-136.95	135.56	-209.37	249.42	302.92	488,448.56	762,301.63
7,190.00	5.10	301.00	7,181.73	-141.41	139.98	-216.57	257.87	302.88	488,452.98	762,294.43
7,285.00	4.80	299.40	7,276.37	-145.59	144.11	-223.65	266.06	302.80	488,457.11	762,287.35
7,381.00	4.80	298.80	7,372.03	-149.54	148.01	-230.67	274.08	302.69	488,461.01	762,280.33



ProDirectional Survey Report



Company: Matador Resources				Local Co-ordinate Reference:				Well No. 201H			
Project: Lea County, NM (NAD83)				TVD Reference:				Well @ 3766.50usft			
Site: Rodney Robinson Federal				MD Reference:				Well @ 3766.50usft			
Well: No. 201H				North Reference:				Grid			
Wellbore: OH				Survey Calculation Method:				Minimum Curvature			
Design: MWD-156'-22420', PTB: 22484'				Database:				WellPlanner1			
Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
7,477.00	4.70	299.10	7,467.71	-153.43	151.86	-237.63	282.01	302.58	488,464.86	762,273.37	
7,572.00	4.50	298.70	7,562.40	-157.16	155.54	-244.30	289.61	302.49	488,468.54	762,266.70	
7,668.00	4.40	298.00	7,658.11	-160.74	159.08	-250.85	297.04	302.38	488,472.08	762,260.15	
7,763.00	4.30	297.20	7,752.84	-164.12	162.42	-257.24	304.22	302.27	488,475.42	762,253.76	
7,859.00	4.20	295.40	7,848.57	-167.32	165.57	-263.61	311.30	302.13	488,478.57	762,247.39	
7,955.00	4.00	295.20	7,944.33	-170.29	168.51	-269.82	318.11	301.99	488,481.51	762,241.18	
8,051.00	4.00	294.80	8,040.09	-173.16	171.34	-275.89	324.76	301.84	488,484.34	762,235.11	
8,146.00	3.80	294.30	8,134.87	-175.89	174.02	-281.76	331.17	301.70	488,487.02	762,229.24	
8,242.00	3.70	293.40	8,230.67	-178.46	176.56	-287.51	337.39	301.55	488,489.56	762,223.49	
8,337.00	3.60	292.30	8,325.47	-180.85	178.91	-293.08	343.37	301.40	488,491.91	762,217.92	
8,433.00	3.10	297.50	8,421.31	-183.23	181.25	-298.17	348.94	301.29	488,494.25	762,212.83	
8,529.00	3.20	300.90	8,517.16	-185.83	183.83	-302.77	354.21	301.26	488,496.83	762,208.23	
8,624.00	3.30	301.00	8,612.01	-188.63	186.60	-307.39	359.59	301.26	488,499.60	762,203.61	
8,720.00	3.40	299.80	8,707.85	-191.50	189.44	-312.23	365.20	301.25	488,502.44	762,198.77	
8,816.00	1.80	320.50	8,803.75	-194.10	192.01	-315.66	369.47	301.31	488,505.01	762,195.34	
8,912.00	1.30	337.60	8,899.71	-196.28	194.18	-317.03	371.78	301.49	488,507.18	762,193.97	
9,007.00	1.30	343.20	8,994.69	-198.32	196.21	-317.76	373.45	301.70	488,509.21	762,193.24	
9,103.00	1.40	347.70	9,090.66	-200.51	198.40	-318.32	375.09	301.93	488,511.40	762,192.68	
9,199.00	1.60	357.50	9,186.63	-202.99	200.89	-318.63	376.67	302.23	488,513.89	762,192.37	
9,294.00	1.40	32.70	9,281.60	-205.29	203.19	-318.06	377.42	302.57	488,516.19	762,192.94	
9,390.00	1.50	29.40	9,377.57	-207.36	205.27	-316.81	377.50	302.94	488,518.27	762,194.19	
9,486.00	1.70	10.80	9,473.53	-209.85	207.76	-315.93	378.12	303.33	488,520.76	762,195.07	
9,582.00	2.20	9.20	9,569.48	-213.07	210.98	-315.36	379.43	303.78	488,523.98	762,195.64	
9,677.00	1.40	5.10	9,664.43	-216.02	213.94	-314.97	380.75	304.19	488,526.94	762,196.03	
9,773.00	1.20	91.40	9,760.41	-217.16	215.08	-313.86	380.48	304.42	488,528.08	762,197.14	
9,869.00	1.50	105.20	9,856.38	-216.79	214.73	-311.64	378.45	304.57	488,527.73	762,199.36	
9,964.00	2.50	123.70	9,951.33	-215.29	213.25	-308.72	375.21	304.64	488,526.25	762,202.28	



ProDirectional Survey Report


Company:

Matador Resources

Project:

Lea County, NM (NAD83)

Site:

Rodney Robinson Federal

Well:

No. 201H

Wellbore:

OH

Design:

MWD-156-22420', PTB: 22484'

Local Co-ordinate Reference:

Well No. 201H

TVD Reference:

Well @ 3766.50usft

MD Reference:

Well @ 3766.50usft

North Reference:

Grid

Survey Calculation Method:

Minimum Curvature

Database:

WellPlanner1

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
10,060.00	2.70	127.80	10,047.23	-212.72	210.70	-305.19	370.86	304.62	488,523.70	762,205.81
10,156.00	2.50	125.50	10,143.13	-210.10	208.10	-301.70	366.51	304.60	488,521.10	762,209.30
10,251.00	1.60	166.30	10,238.07	-207.59	205.61	-299.70	363.45	304.45	488,518.61	762,211.30
10,347.00	1.50	176.00	10,334.04	-205.03	203.05	-299.29	361.67	304.15	488,516.05	762,211.71
10,443.00	0.70	181.00	10,430.02	-203.19	201.21	-299.22	360.58	303.92	488,514.21	762,211.78
10,539.00	0.40	299.30	10,526.02	-202.77	200.79	-299.52	360.59	303.84	488,513.79	762,211.48
10,635.00	1.20	0.60	10,622.01	-203.94	201.96	-299.80	361.48	303.97	488,514.96	762,211.20
10,730.00	1.80	7.70	10,716.97	-206.42	204.43	-299.59	362.69	304.31	488,517.43	762,211.41
10,826.00	1.00	29.80	10,812.94	-208.63	206.65	-298.97	363.44	304.65	488,519.65	762,212.03
10,921.00	1.80	142.90	10,907.93	-208.15	206.18	-297.66	362.09	304.71	488,519.18	762,213.34
11,017.00	2.70	161.10	11,003.85	-204.80	202.84	-296.02	358.85	304.42	488,515.84	762,214.98
11,113.00	2.30	189.20	11,099.77	-200.76	198.80	-295.59	356.23	303.92	488,511.80	762,215.41
11,208.00	1.90	196.00	11,194.70	-197.37	195.41	-296.33	354.96	303.40	488,508.41	762,214.67
11,304.00	1.80	206.90	11,290.65	-194.50	192.53	-297.45	354.32	302.91	488,505.53	762,213.55
11,400.00	1.70	210.40	11,386.61	-191.94	189.96	-298.85	354.12	302.44	488,502.96	762,212.15
11,496.00	1.90	220.80	11,482.56	-189.51	187.53	-300.62	354.31	301.96	488,500.53	762,210.38
11,591.00	1.90	240.80	11,577.51	-187.57	185.56	-303.02	355.32	301.48	488,498.56	762,207.98
11,618.00	1.90	244.20	11,604.49	-187.16	185.15	-303.81	355.79	301.36	488,498.15	762,207.19
11,703.00	1.90	252.20	11,689.45	-186.14	184.11	-306.42	357.48	301.00	488,497.11	762,204.58
11,799.00	8.50	213.30	11,785.02	-179.75	177.68	-311.84	358.91	299.67	488,490.68	762,199.16
11,895.00	19.00	208.10	11,878.14	-160.05	157.91	-323.13	359.65	296.04	488,470.91	762,187.87
11,954.40	23.20	199.11	11,933.56	-140.51	138.31	-331.52	359.21	292.65	488,451.31	762,179.48
FTP: 11954.4' MD										
11,990.00	25.90	195.10	11,965.94	-126.40	124.18	-335.84	358.06	290.29	488,437.18	762,175.16
12,086.00	35.60	191.80	12,048.35	-78.77	76.47	-347.04	355.37	282.43	488,389.47	762,163.96
12,182.00	45.10	191.90	12,121.43	-18.09	15.71	-359.80	360.14	272.50	488,328.71	762,151.20
12,278.00	54.60	194.00	12,183.26	53.20	-55.70	-376.31	380.41	261.58	488,257.30	762,134.69



ProDirectional Survey Report

**Company:**

Matador Resources

Project:

Lea County, NM (NAD83)

Site:

Rodney Robinson Federal

Well:

No. 201H

Wellbore:

OH

Design:

MWD-156-22420', PTB: 22484'

Local Co-ordinate Reference:

Well No. 201H

TVD Reference:

Well @ 3766.50usft

MD Reference:

Well @ 3766.50usft

North Reference:

Grid

Survey Calculation Method:

Minimum Curvature

Databases:

WellPlanner1

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
12,342.00	60.60	194.30	12,217.54	105.48	-108.07	-389.52	404.24	254.49	488,204.93	762,121.48
12,373.00	63.70	191.90	12,232.02	132.13	-134.76	-395.73	418.04	251.19	488,178.24	762,115.27
12,437.00	70.80	187.30	12,256.77	190.21	-192.91	-405.50	449.05	244.56	488,120.09	762,105.50
12,469.00	74.10	185.40	12,266.41	220.51	-223.23	-408.87	465.83	241.37	488,089.77	762,102.13
12,501.00	78.10	183.20	12,274.10	251.46	-254.19	-411.19	483.42	238.28	488,058.81	762,099.81
12,623.00	83.20	180.10	12,293.92	371.71	-374.47	-414.63	558.70	227.91	487,938.53	762,096.37
12,719.00	86.20	181.10	12,302.79	467.27	-470.04	-415.63	627.45	221.48	487,842.96	762,095.37
12,814.00	85.80	181.10	12,309.41	562.01	-564.79	-417.45	702.32	216.47	487,748.21	762,093.55
12,909.00	86.20	181.00	12,316.04	656.75	-659.54	-419.19	781.48	212.44	487,653.46	762,091.81
13,005.00	85.90	180.60	12,322.65	752.50	-755.31	-420.53	864.48	209.11	487,557.69	762,090.47
13,099.00	85.20	179.90	12,329.95	846.21	-849.02	-420.94	947.64	206.37	487,463.98	762,090.06
13,194.00	85.40	179.60	12,337.73	940.89	-943.70	-420.52	1,033.16	204.02	487,369.30	762,090.48
13,290.00	85.30	178.90	12,345.51	1,036.57	-1,039.38	-419.27	1,120.75	201.97	487,273.62	762,091.73
13,385.00	85.40	178.70	12,353.21	1,131.25	-1,134.04	-417.29	1,208.38	200.20	487,178.96	762,093.71
13,480.00	85.00	177.90	12,361.16	1,225.89	-1,228.67	-414.48	1,296.69	198.64	487,084.33	762,096.52
13,575.00	84.00	177.70	12,370.27	1,320.40	-1,323.16	-410.85	1,385.48	197.25	486,989.84	762,100.15
13,671.00	85.20	177.60	12,379.30	1,415.92	-1,418.65	-406.93	1,475.86	196.01	486,894.35	762,104.07
13,766.00	86.90	177.80	12,385.85	1,510.64	-1,513.34	-403.13	1,566.12	194.92	486,799.66	762,107.87
13,861.00	87.20	177.90	12,390.74	1,605.47	-1,608.15	-399.57	1,657.05	193.95	486,704.85	762,111.43
13,957.00	85.90	177.30	12,396.51	1,701.23	-1,703.89	-395.56	1,749.20	193.07	486,609.11	762,115.44
14,053.00	91.10	179.30	12,399.03	1,797.13	-1,799.78	-392.71	1,842.12	192.31	486,513.22	762,118.29
14,148.00	89.20	179.50	12,398.78	1,892.13	-1,894.77	-391.72	1,934.84	191.68	486,418.23	762,119.28
14,242.00	88.70	179.30	12,400.50	1,986.11	-1,988.75	-390.73	2,026.77	191.12	486,324.25	762,120.27
14,338.00	88.90	179.50	12,402.51	2,082.09	-2,084.72	-389.73	2,120.84	190.59	486,228.28	762,121.27
14,432.00	88.10	179.10	12,404.97	2,176.05	-2,178.68	-388.58	2,213.06	190.11	486,134.32	762,122.42
14,526.00	87.90	179.20	12,408.25	2,269.99	-2,272.61	-387.19	2,305.36	189.67	486,040.39	762,123.81
14,621.00	90.60	179.90	12,409.49	2,364.98	-2,367.59	-386.44	2,398.92	189.27	485,945.41	762,124.56



ProDirectional Survey Report



Company: Matador Resources				Local Co-ordinate Reference:						
Project: Lea County, NM (NAD83)				Well @ 3766.50usft						
Site: Rodney Robinson Federal				Well @ 3766.50usft						
Well: No. 201H				Grid						
Wellbore: OH				Minimum Curvature						
Design: MWD-156'-22420', PTB: 22484'				WellPlanner1						
Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northings (usft)	Eastings (usft)
14,716.00	90.10	179.50	12,408.91	2,459.97	-2,462.59	-385.94	2,492.65	188.91	485,850.41	762,125.06
14,811.00	89.40	179.10	12,409.33	2,554.97	-2,557.58	-384.78	2,586.36	188.56	485,755.42	762,126.22
14,905.00	88.50	178.90	12,411.05	2,648.95	-2,651.55	-383.14	2,679.09	188.22	485,661.45	762,127.86
15,000.00	87.70	178.30	12,414.20	2,743.88	-2,746.47	-380.82	2,772.74	187.89	485,566.53	762,130.18
15,096.00	90.20	178.30	12,415.96	2,839.83	-2,842.40	-377.98	2,867.42	187.57	485,470.60	762,133.02
15,190.00	90.60	178.10	12,415.30	2,933.80	-2,936.35	-375.02	2,960.20	187.28	485,376.65	762,135.98
15,285.00	90.20	177.70	12,414.64	3,028.75	-3,031.29	-371.54	3,053.97	186.99	485,281.71	762,139.46
15,381.00	89.60	179.90	12,414.81	3,124.74	-3,127.26	-369.53	3,149.01	186.74	485,185.74	762,141.47
15,475.00	88.90	179.40	12,416.04	3,218.73	-3,221.25	-368.96	3,242.31	186.53	485,091.75	762,142.04
15,571.00	88.60	179.20	12,418.13	3,314.70	-3,317.22	-367.78	3,337.54	186.33	484,995.78	762,143.22
15,664.00	88.60	179.10	12,420.41	3,407.67	-3,410.18	-366.41	3,429.81	186.13	484,902.82	762,144.59
15,760.00	88.40	178.80	12,422.92	3,503.63	-3,506.13	-364.65	3,525.04	185.94	484,806.87	762,146.35
15,855.00	88.30	178.60	12,425.65	3,598.58	-3,601.07	-362.49	3,619.26	185.75	484,711.93	762,148.51
15,949.00	91.70	179.10	12,425.65	3,692.56	-3,695.03	-360.61	3,712.59	185.57	484,617.97	762,150.39
16,045.00	92.30	179.30	12,422.30	3,788.50	-3,790.96	-359.27	3,807.95	185.41	484,522.04	762,151.73
16,139.00	92.60	179.10	12,418.29	3,882.41	-3,884.87	-357.96	3,901.33	185.26	484,428.13	762,153.04
16,234.00	92.40	178.90	12,414.14	3,977.31	-3,979.76	-356.30	3,995.68	185.12	484,333.24	762,154.70
16,302.00	92.30	179.20	12,411.35	4,045.25	-4,047.70	-355.17	4,063.25	185.01	484,265.30	762,155.83
16,397.00	92.20	179.30	12,407.62	4,140.18	-4,142.62	-353.93	4,157.71	184.88	484,170.38	762,157.07
16,491.00	92.60	179.60	12,403.69	4,234.09	-4,236.53	-353.03	4,251.21	184.76	484,076.47	762,157.97
16,586.00	92.40	181.30	12,399.54	4,328.99	-4,331.43	-353.77	4,345.86	184.67	483,981.57	762,157.23
16,681.00	91.30	183.20	12,396.48	4,423.84	-4,426.30	-357.50	4,440.72	184.62	483,886.70	762,153.50
16,776.00	87.60	184.00	12,397.39	4,518.58	-4,521.09	-363.47	4,535.68	184.60	483,791.91	762,147.53
16,871.00	86.80	183.30	12,402.03	4,613.24	-4,615.79	-369.51	4,630.55	184.58	483,697.21	762,141.49
16,966.00	86.50	183.40	12,407.58	4,707.87	-4,710.46	-375.05	4,725.37	184.55	483,602.54	762,135.95
17,061.00	88.10	182.00	12,412.05	4,802.62	-4,805.25	-379.52	4,820.21	184.52	483,507.75	762,131.48
17,157.00	88.10	181.80	12,415.24	4,898.50	-4,901.14	-382.70	4,916.06	184.46	483,411.86	762,128.30



ProDirectional Survey Report

**Company:**

Matador Resources

Lea County, NM (NAD83)

Site: Rodney Robinson Federal

Well: No. 201H

Wellbore: OH

Design: MWD-156-22420', PTB: 22484'

Local Co-ordinate Reference:

TVD Reference: Well @ 3766.50usft

MD Reference: Well @ 3766.50usft

North Reference: Grid

Survey Calculation Method: Minimum Curvature

Database: WellPlanner1

Well No. 201H

Well @ 3766.50usft

Well @ 3766.50usft

Grid

Minimum Curvature

WellPlanner1

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
17,252.00	87.70	181.40	12,418.72	4,993.37	-4,996.04	-385.35	5,010.88	184.41	483,316.96	762,125.65
17,347.00	90.60	180.00	12,420.13	5,088.33	-5,091.01	-386.51	5,105.66	184.34	483,221.99	762,124.49
17,442.00	92.00	179.20	12,417.97	5,183.31	-5,185.98	-385.85	5,200.31	184.26	483,127.02	762,125.15
17,536.00	92.70	178.50	12,414.12	5,277.22	-5,279.88	-383.96	5,293.82	184.16	483,033.12	762,127.04
17,629.00	93.50	178.10	12,409.09	5,370.06	-5,372.70	-381.21	5,386.21	184.06	482,940.30	762,129.79
17,724.00	94.60	177.80	12,402.38	5,464.78	-5,467.40	-377.82	5,480.44	183.95	482,845.60	762,133.18
17,818.00	93.90	178.30	12,395.41	5,558.48	-5,561.09	-374.63	5,573.69	183.85	482,751.91	762,136.37
17,913.00	91.80	179.30	12,390.69	5,653.35	-5,655.95	-372.64	5,668.21	183.77	482,657.05	762,138.36
18,008.00	92.10	179.00	12,387.46	5,748.29	-5,750.88	-371.23	5,762.85	183.69	482,562.12	762,139.77
18,102.00	88.90	179.30	12,386.64	5,842.27	-5,844.85	-369.84	5,856.54	183.62	482,468.15	762,141.16
18,197.00	89.00	179.10	12,388.38	5,937.25	-5,939.83	-368.51	5,951.25	183.55	482,373.17	762,142.49
18,292.00	89.80	178.30	12,389.37	6,032.23	-6,034.80	-366.36	6,045.91	183.47	482,278.20	762,144.64
18,387.00	88.30	180.40	12,390.95	6,127.21	-6,129.77	-365.28	6,140.64	183.41	482,183.23	762,145.72
18,481.00	87.70	179.40	12,394.23	6,221.15	-6,223.71	-365.12	6,234.41	183.36	482,089.29	762,145.88
18,576.00	86.90	178.90	12,398.70	6,316.04	-6,318.59	-363.71	6,329.05	183.29	481,994.41	762,147.29
18,670.00	87.10	177.80	12,403.62	6,409.89	-6,412.42	-361.01	6,422.58	183.22	481,900.58	762,149.99
18,766.00	87.20	176.90	12,408.40	6,505.69	-6,508.20	-356.57	6,517.96	183.14	481,804.80	762,154.43
18,860.00	90.20	176.90	12,410.53	6,599.55	-6,602.03	-351.49	6,611.38	183.05	481,710.97	762,159.51
18,955.00	91.40	176.10	12,409.20	6,694.40	-6,696.84	-345.89	6,705.76	182.95	481,616.16	762,165.31
19,049.00	90.50	179.40	12,407.64	6,788.32	-6,790.74	-342.00	6,799.35	182.88	481,522.26	762,169.00
19,145.00	89.70	178.90	12,407.48	6,884.32	-6,886.73	-340.58	6,895.15	182.83	481,426.27	762,170.42
19,240.00	90.00	179.90	12,407.73	6,979.32	-6,981.72	-339.58	6,989.98	182.78	481,331.28	762,171.42
19,335.00	89.80	180.40	12,407.89	7,074.31	-7,076.72	-339.83	7,084.88	182.75	481,236.28	762,171.17
19,430.00	89.90	179.30	12,408.14	7,169.31	-7,171.72	-339.58	7,179.75	182.71	481,141.28	762,171.42
19,524.00	88.90	178.60	12,409.12	7,263.30	-7,265.70	-337.86	7,273.55	182.66	481,047.30	762,173.14
19,619.00	90.80	178.60	12,409.37	7,358.28	-7,360.66	-335.54	7,368.31	182.61	480,952.34	762,175.46
19,713.00	91.10	178.10	12,407.81	7,452.24	-7,454.61	-332.83	7,462.04	182.56	480,858.39	762,178.17



ProDirectional Survey Report



Company: Matador Resources				Local Co-ordinate Reference:									
Project: Lea County, NM (NAD83)				Well @ 3766.50ust									
Site: Rodney Robinson Federal				Well @ 3766.50ust									
Well: No. 201H				Grid									
Wellbore: OH				Minimum Curvature									
Design: MWD-156'-22420', PTB: 22484'				Survey Calculation Method: WellPlanner1									
Survey													
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)			
19,809.00	91.70	177.80	12,405.47	7,548.17	-7,550.52	-329.40	7,557.70	182.50	480,762.48	762,181.60			
19,903.00	92.10	176.90	12,402.35	7,642.04	-7,644.37	-325.06	7,651.28	182.43	480,668.63	762,185.94			
19,998.00	92.50	179.10	12,398.54	7,736.92	-7,739.23	-321.74	7,745.91	182.38	480,573.77	762,189.26			
20,092.00	91.90	180.90	12,394.93	7,830.85	-7,833.15	-321.75	7,839.76	182.35	480,479.85	762,189.25			
20,187.00	89.50	182.90	12,393.77	7,925.75	-7,928.08	-324.89	7,934.74	182.35	480,384.92	762,186.11			
20,282.00	89.30	182.40	12,394.76	8,020.62	-8,022.98	-329.29	8,029.73	182.35	480,290.02	762,181.71			
20,377.00	89.60	182.10	12,395.68	8,115.51	-8,117.90	-333.02	8,124.73	182.35	480,195.10	762,177.98			
20,472.00	88.60	181.40	12,397.17	8,210.43	-8,212.84	-335.92	8,219.71	182.34	480,100.16	762,175.08			
20,567.00	88.00	180.90	12,399.99	8,305.35	-8,307.78	-337.82	8,314.64	182.33	480,005.22	762,173.18			
20,661.00	87.70	181.00	12,403.51	8,399.26	-8,401.70	-339.38	8,408.55	182.31	479,911.30	762,171.62			
20,756.00	87.60	180.50	12,407.41	8,494.16	-8,496.61	-340.62	8,503.44	182.30	479,816.39	762,170.38			
20,851.00	88.10	179.90	12,410.97	8,589.09	-8,591.54	-340.95	8,598.31	182.27	479,721.46	762,170.05			
20,946.00	88.70	179.00	12,413.63	8,684.05	-8,686.50	-340.04	8,693.15	182.24	479,626.50	762,170.96			
21,041.00	87.90	178.50	12,416.44	8,779.00	-8,781.43	-337.97	8,787.94	182.20	479,531.57	762,173.03			
21,136.00	88.80	177.10	12,419.18	8,873.91	-8,876.32	-334.33	8,882.62	182.16	479,436.68	762,176.67			
21,233.00	89.70	179.00	12,420.45	8,970.86	-8,973.25	-331.03	8,979.36	182.11	479,339.75	762,179.97			
21,327.00	89.40	179.90	12,421.19	9,064.85	-9,067.24	-330.12	9,073.25	182.09	479,245.76	762,180.88			
21,421.00	90.20	180.60	12,421.52	9,158.85	-9,161.24	-330.53	9,167.20	182.07	479,151.76	762,180.47			
21,516.00	90.20	180.10	12,421.18	9,253.84	-9,256.24	-331.11	9,262.16	182.05	479,056.76	762,179.89			
21,611.00	89.90	180.20	12,421.10	9,348.83	-9,351.24	-331.36	9,357.11	182.03	478,961.76	762,179.64			
21,704.00	90.80	181.20	12,420.53	9,441.81	-9,444.23	-332.50	9,450.08	182.02	478,868.77	762,178.50			
21,799.00	91.90	181.60	12,418.29	9,536.74	-9,539.17	-334.82	9,545.04	182.01	478,773.83	762,176.18			
21,893.00	92.00	182.80	12,415.10	9,630.59	-9,633.04	-338.43	9,638.99	182.01	478,679.96	762,172.57			
21,988.00	90.20	181.90	12,413.27	9,725.46	-9,727.94	-342.32	9,733.96	182.02	478,585.06	762,168.68			
22,083.00	87.60	181.50	12,415.10	9,820.37	-9,822.87	-345.14	9,828.94	182.01	478,490.13	762,165.86			
22,177.00	86.60	181.20	12,419.85	9,914.21	-9,916.73	-347.35	9,922.81	182.01	478,396.27	762,163.65			
22,367.00	86.90	181.50	12,430.62	10,103.81	-10,106.37	-351.82	10,112.49	181.99	478,206.63	762,159.18			



ProDirectional Survey Report



Company: Matador Resources
Project: Lea County, NM (NAD83)
Site: Rodney Robinson Federal
Well: No. 201H
Wellbore: OH
Design: MWD-156'-22420', PTB: 22484'

Local Co-ordinate Reference:
TVD Reference: Well @ 3766.50usft
MD Reference: Well @ 3766.50usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Well No. 201H

Well @ 3766.50usft

Well @ 3766.50usft

Grid

Minimum Curvature

WellPlanner1

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
22,420.00	87.30	181.90	12,433.30	10,156.71	-10,159.28	-353.39	10,165.42	181.99	478,153.72	762,157.61
Last Survey: 22420' MD										
22,484.00	87.30	181.90	12,436.32	10,220.59	-10,223.17	-355.51	10,229.35	181.99	478,089.83	762,155.49
PTB: 22484' MD										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
156.00	155.99	-0.70	-0.84	Pro MWD First Survey: 156' MD
11,954.40	11,933.56	138.31	-331.52	FTP: 11954.4' MD
22,420.00	12,433.30	-10,159.28	-353.39	Last Survey: 22420' MD
22,484.00	12,436.32	-10,223.17	-355.51	PTB: 22484' MD