



RECEIVED

MAR 18 2019

DISTRICT II-ARTESIA O.C.D.



SST 6 State Com No. 121H

Eddy County, NM

30-015-45368

January 22, 2019

Job No. LNM5193818

ORIGINAL

Survey Completion Report



PRODIRECTIONAL

Survey Certification Letter

January 22, 2019



Operator Name: Matador Resources
Well Name: SST 6 State Com No. 121H
County/Parish: Eddy County,
State: NM
Rig Name: Patterson 809
Job Number: LNM5193818

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:

Surveyor	Surveyed Depths	Projection to Bit	Dates Performed	Type of Survey
ProDirectional	199' MD – 12,257' MD	12,324' MD	12/04/18 – 12/26/18	MWD

Sincerely,

Mike Coats
Regulatory Specialist
Professional Directional

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

prodirectional.com

The Standard of Excellence in Directional Supervision



Matador Resources

Eddy County, NM
SST 6 State Com
No. 121H
OH

Survey: ProDirectional

Survey Report

22 January, 2019

RECEIVED

MAR 18 2019

DISTRICT II-ARTESIA O.C.D.





ProDirectional
Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well No. 121H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	Well @ 3417.50usft
Site:	SST-6 State Com	MD Reference:	Well @ 3417.50usft
Well:	No. 121H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-199'-12257', Proj. 12324	Database:	WellPlanner1

Project:	Eddy County, NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	SST 6 State Com		
Site Position:		Northing:	616,553.00 usft
From:	Map	Easting:	606,727.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.694767
		Longitude:	-104.120773
		Grid Convergence:	0.11 °

Well:		No. 121H				
Well Position	+N/-S	0.00 usft	Northing:	616,553.00 usft	Latitude:	32.694767
	+E/-W	0.00 usft	Easting:	606,697.00 usft	Longitude:	-104.120871
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,389.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	HDGM	12/5/2018	7.32	60.47	48,024.80

Design: MWD-199-12257, Proj. 12324				
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	90.87

Survey Program	Date	1/22/2019		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
199.00	12,324.00	Survey #1 (OH)	MWD+HDGM	OWSG MWD + HRGM



ProDirectional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well No. 121H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	Well @ 3417.50usft
Site:	SST 6 State Com	MD Reference:	Well @ 3417.50usft
Well:	No. 121H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-199'-12257', Proj. 12324'	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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	616,553.00	606,697.00	
199.00	0.30	329.70	199.00	-0.27	0.45	-0.26	0.52	329.70	616,553.45	606,696.74	
Pro MWD First Survey: 199' MD											
335.00	1.10	298.30	334.99	-1.61	1.38	-1.59	2.10	310.84	616,554.38	606,695.41	
506.00	0.90	334.20	505.96	-3.67	3.36	-3.62	4.94	312.88	616,556.36	606,693.38	
596.00	0.90	2.20	595.95	-3.97	4.71	-3.90	6.11	320.34	616,557.71	606,693.10	
688.00	1.80	279.10	687.93	-5.39	5.66	-5.30	7.75	316.86	616,558.66	606,691.70	
779.00	3.20	268.20	778.84	-9.34	5.80	-9.25	10.92	302.10	616,558.80	606,687.75	
872.00	3.00	266.10	871.71	-14.36	5.56	-14.27	15.32	291.27	616,558.56	606,682.73	
965.00	2.70	266.00	964.59	-18.96	5.24	-18.89	19.60	285.50	616,558.24	606,678.11	
1,058.00	2.40	267.50	1,057.50	-23.09	5.00	-23.02	23.55	282.26	616,558.00	606,673.98	
1,151.00	2.20	270.10	1,150.43	-26.82	4.92	-26.75	27.20	280.42	616,557.92	606,670.25	
1,244.00	1.90	268.90	1,243.37	-30.14	4.89	-30.07	30.47	279.24	616,557.89	606,666.93	
1,338.00	1.20	268.60	1,337.33	-32.69	4.84	-32.62	32.97	278.44	616,557.84	606,664.38	
1,431.00	2.40	261.00	1,430.28	-35.58	4.51	-35.51	35.80	277.24	616,557.51	606,661.49	
1,524.00	3.50	261.00	1,523.16	-40.29	3.76	-40.24	40.42	275.34	616,556.76	606,656.76	
1,617.00	3.00	264.70	1,616.01	-45.51	3.09	-45.47	45.57	273.89	616,556.09	606,651.53	
1,710.00	2.50	261.50	1,708.90	-49.93	2.57	-49.90	49.96	272.95	616,555.57	606,647.10	
1,803.00	2.20	261.80	1,801.82	-53.69	2.01	-53.67	53.71	272.15	616,555.01	606,643.33	
1,896.00	1.90	254.00	1,894.76	-56.93	1.33	-56.92	56.93	271.34	616,554.33	606,640.08	
1,989.00	1.40	254.10	1,987.73	-59.50	0.60	-59.49	59.50	270.57	616,553.60	606,637.51	
2,082.00	1.10	253.40	2,080.70	-61.43	0.03	-61.44	61.44	270.03	616,553.03	606,635.56	
2,175.00	1.10	252.50	2,173.69	-63.13	-0.49	-63.15	63.15	269.55	616,552.51	606,633.85	
2,268.00	1.20	256.50	2,266.67	-64.92	-0.99	-64.95	64.95	269.13	616,552.01	606,632.05	
2,345.00	1.10	263.00	2,343.65	-66.44	-1.27	-66.46	66.48	268.91	616,551.73	606,630.54	
2,461.00	1.00	255.50	2,459.63	-68.52	-1.66	-68.55	68.57	268.62	616,551.34	606,628.45	
2,554.00	3.10	306.90	2,552.57	-71.33	-0.35	-71.35	71.35	269.72	616,552.65	606,625.65	



ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM (NAD 83)
Site: SST 6 State Com
Well: No. 121H
Wellbore: OH
Design: MWD-199-12257, Proj. 12324

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well No. 121H
Well @ 3417.50usft
Well @ 3417.50usft
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)
2,647.00	3.80	309.70	2,645.40	-75.77	3.13	-75.73	75.79	272.37	616,556.13	606,621.27
2,741.00	5.40	321.00	2,739.10	-81.03	8.56	-80.91	81.36	276.04	616,561.56	606,616.09
2,834.00	5.60	322.80	2,831.67	-86.63	15.57	-86.41	87.80	280.22	616,568.57	606,610.59
2,928.00	5.50	323.30	2,925.23	-92.21	22.84	-91.87	94.67	283.96	616,575.84	606,605.13
3,021.00	5.50	322.60	3,017.80	-97.69	29.95	-97.24	101.75	287.12	616,582.95	606,599.76
3,115.00	5.40	325.30	3,111.38	-103.05	37.17	-102.50	109.03	289.93	616,590.17	606,594.50
3,209.00	5.70	339.80	3,204.94	-107.30	45.18	-106.63	115.80	292.97	616,598.18	606,590.37
3,302.00	5.80	343.40	3,297.48	-110.37	54.02	-109.56	122.16	296.25	616,607.02	606,587.44
3,395.00	5.90	345.70	3,389.99	-113.03	63.16	-112.09	128.65	299.40	616,616.16	606,584.91
3,489.00	5.80	342.40	3,483.50	-115.80	72.37	-114.72	135.63	302.24	616,625.37	606,582.28
3,582.00	5.60	344.20	3,576.04	-118.59	81.21	-117.37	142.73	304.68	616,634.21	606,579.63
3,676.00	6.00	343.40	3,669.56	-121.38	90.33	-120.02	150.22	306.97	616,643.33	606,576.98
3,770.00	6.70	342.20	3,762.98	-124.61	100.26	-123.10	158.77	309.16	616,653.26	606,573.90
3,863.00	6.50	342.20	3,855.37	-128.03	110.44	-126.37	167.83	311.15	616,663.44	606,570.63
3,957.00	6.10	342.30	3,948.80	-131.33	120.26	-129.52	176.74	312.88	616,673.26	606,567.48
4,050.00	6.30	338.90	4,041.26	-134.81	129.73	-132.86	185.69	314.32	616,682.73	606,564.14
4,143.00	6.50	335.40	4,133.68	-138.98	139.28	-136.88	195.28	315.50	616,692.28	606,560.12
4,237.00	6.20	336.40	4,227.10	-143.37	148.77	-141.13	205.06	316.51	616,701.77	606,555.87
4,331.00	6.30	335.30	4,320.54	-147.70	158.10	-145.32	214.74	317.41	616,711.10	606,551.68
4,424.00	6.00	338.30	4,413.01	-151.77	167.26	-149.25	224.16	318.26	616,720.26	606,547.75
4,518.00	6.20	336.10	4,506.47	-155.78	176.46	-153.12	233.63	319.05	616,729.46	606,543.88
4,611.00	6.80	333.20	4,598.88	-160.44	185.97	-157.64	243.79	319.71	616,738.97	606,539.36
4,703.00	6.70	332.20	4,690.24	-165.55	195.58	-162.60	254.34	320.26	616,748.58	606,534.40
4,797.00	6.60	330.70	4,783.61	-170.89	205.14	-167.80	265.02	320.72	616,758.14	606,529.20
4,891.00	6.40	330.70	4,877.00	-176.24	214.42	-173.01	275.51	321.10	616,767.42	606,523.99
4,984.00	6.30	331.40	4,969.43	-181.36	223.42	-177.98	285.65	321.46	616,776.42	606,519.02
5,078.00	6.10	331.80	5,062.88	-186.32	232.35	-182.81	295.64	321.80	616,785.35	606,514.19



ProDirectional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well No. 121H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	Well @ 3417.50usft
Site:	SST-6 State Com	MD Reference:	Well @ 3417.50usft
Well:	No. 121H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-199'-12257' Proj. 12324'	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)	
5,171.00	5.70	330.00	5,155.39	-191.09	240.70	-187.46	305.09	322.09	616,793.70	606,509.54	
5,265.00	5.80	329.00	5,248.91	-195.99	248.82	-192.24	314.43	322.31	616,801.82	606,504.76	
5,359.00	5.90	329.90	5,342.43	-200.99	257.07	-197.11	323.94	322.52	616,810.07	606,499.89	
5,452.00	5.70	329.20	5,434.95	-205.87	265.17	-201.87	333.26	322.72	616,818.17	606,495.13	
5,546.00	5.90	328.50	5,528.47	-210.91	273.30	-206.78	342.71	322.89	616,826.30	606,490.22	
5,639.00	6.00	328.60	5,620.97	-216.06	281.52	-211.81	352.31	323.04	616,834.52	606,485.19	
5,732.00	5.80	329.10	5,713.47	-221.13	289.70	-216.76	361.82	323.20	616,842.70	606,480.24	
5,825.00	4.90	320.70	5,806.07	-226.17	296.81	-221.69	370.46	323.24	616,849.81	606,475.31	
5,918.00	4.30	317.40	5,898.77	-231.13	302.45	-226.56	377.90	323.16	616,855.45	606,470.44	
6,011.00	5.00	315.50	5,991.46	-236.41	307.91	-231.76	385.38	323.03	616,860.91	606,465.24	
6,105.00	4.90	316.20	6,085.11	-242.15	313.73	-237.41	393.43	322.88	616,866.73	606,459.59	
6,198.00	4.20	308.60	6,177.82	-247.64	318.72	-242.83	400.68	322.70	616,871.72	606,454.17	
6,292.00	4.60	315.90	6,271.54	-253.02	323.57	-248.14	407.76	322.52	616,876.57	606,448.86	
6,385.00	4.20	319.20	6,364.27	-257.92	328.83	-252.96	414.87	322.43	616,881.83	606,444.04	
6,478.00	3.70	310.20	6,457.05	-262.51	333.34	-257.48	421.20	322.32	616,886.34	606,439.52	
6,572.00	3.70	302.70	6,550.85	-267.43	336.94	-262.35	427.03	322.10	616,889.94	606,434.65	
6,665.00	3.60	290.90	6,643.67	-272.72	339.60	-267.60	432.36	321.76	616,892.60	606,429.40	
6,759.00	3.30	309.20	6,737.50	-277.62	342.36	-272.45	437.54	321.49	616,895.36	606,424.55	
6,852.00	1.00	334.30	6,830.43	-280.08	344.79	-274.88	440.95	321.44	616,897.79	606,422.12	
6,946.00	0.70	160.40	6,924.42	-280.25	344.99	-275.04	441.21	321.44	616,897.99	606,421.96	
7,026.00	1.60	92.70	7,004.41	-278.96	344.47	-273.76	440.01	321.52	616,897.47	606,423.24	
7,119.00	13.90	45.50	7,096.42	-269.78	352.27	-264.46	440.49	323.10	616,905.27	606,432.54	
7,213.00	26.90	41.60	7,184.34	-247.88	376.19	-242.19	447.41	327.23	616,929.19	606,454.81	
7,306.00	40.10	41.70	7,261.72	-214.42	414.46	-208.15	463.79	333.33	616,967.46	606,488.85	
7,399.00	47.40	45.30	7,328.86	-170.81	460.97	-163.83	489.21	340.43	617,013.97	606,533.17	
7,493.00	51.70	53.20	7,389.89	-117.32	507.46	-109.63	519.17	347.81	617,060.46	606,587.37	
7,587.00	53.80	65.50	7,446.92	-53.69	545.38	-45.42	547.27	355.24	617,098.38	606,651.58	



ProDirectional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well No: 121H
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Site:	SST 6 State Com	MD Reference:	Well @ 3417.50usft
Well:	No. 121H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-199-12257' Proj. 12324'	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)	
7,680.00	56.80	75.70	7,499.95	17.91	570.60	26.58	571.22	2.67	617,123.60	606,723.58	
7,774.00	62.40	85.50	7,547.59	97.55	583.62	106.42	593.24	10.33	617,136.62	606,803.42	
7,867.00	74.90	90.30	7,581.40	183.85	586.63	192.78	617.49	18.19	617,139.63	606,889.78	
7,961.00	86.50	91.60	7,596.56	276.46	585.08	285.37	650.96	26.00	617,138.08	606,982.37	
8,054.00	87.70	92.00	7,601.27	369.32	582.16	378.21	694.23	33.01	617,135.16	607,075.21	
8,148.00	88.40	92.20	7,604.47	463.25	578.72	472.09	746.85	39.21	617,131.72	607,169.09	
8,242.00	88.80	91.80	7,606.76	557.20	575.44	566.00	807.15	44.53	617,128.44	607,263.00	
8,335.00	89.40	91.40	7,608.22	650.18	572.84	658.95	873.14	49.00	617,125.84	607,355.95	
8,429.00	88.10	91.90	7,610.27	744.15	570.14	752.89	944.40	52.86	617,123.14	607,449.89	
8,522.00	88.80	91.30	7,612.79	837.10	567.54	845.82	1,018.58	56.14	617,120.54	607,542.82	
8,615.00	89.10	91.00	7,614.49	930.09	565.67	938.78	1,096.04	58.93	617,118.67	607,635.78	
8,709.00	89.50	90.50	7,615.64	1,024.08	564.44	1,032.77	1,176.95	61.34	617,117.44	607,729.77	
8,803.00	89.50	89.80	7,616.46	1,118.07	564.20	1,126.76	1,260.12	63.40	617,117.20	607,823.76	
8,896.00	90.00	90.00	7,616.87	1,211.05	564.36	1,219.76	1,343.99	65.17	617,117.36	607,916.76	
8,989.00	90.30	90.10	7,616.62	1,304.04	564.28	1,312.76	1,428.90	66.74	617,117.28	608,009.76	
9,082.00	90.20	90.40	7,616.22	1,397.04	563.87	1,405.76	1,514.63	68.14	617,116.87	608,102.76	
9,175.00	87.70	90.90	7,617.92	1,490.01	562.82	1,498.73	1,600.92	69.42	617,115.82	608,195.73	
9,269.00	86.40	91.50	7,622.76	1,583.88	560.85	1,592.58	1,688.45	70.60	617,113.85	608,289.58	
9,362.00	86.40	91.80	7,628.60	1,676.69	558.18	1,685.36	1,775.39	71.68	617,111.18	608,382.36	
9,456.00	86.90	91.40	7,634.09	1,770.52	555.56	1,779.16	1,863.89	72.66	617,108.56	608,476.16	
9,550.00	86.90	91.30	7,639.18	1,864.38	553.35	1,873.00	1,953.03	73.54	617,106.35	608,570.00	
9,643.00	87.70	90.70	7,643.56	1,957.28	551.73	1,965.88	2,041.84	74.32	617,104.73	608,662.88	
9,737.00	88.00	90.60	7,647.08	2,051.21	550.66	2,059.81	2,132.14	75.03	617,103.66	608,756.81	
9,830.00	89.60	90.60	7,649.03	2,144.19	549.69	2,152.78	2,221.85	75.68	617,102.69	608,849.78	
9,924.00	90.20	91.00	7,649.20	2,238.18	548.38	2,246.77	2,312.72	76.28	617,101.38	608,943.77	
10,017.00	89.10	90.90	7,649.76	2,331.18	546.83	2,339.75	2,402.81	76.85	617,099.83	609,036.75	
10,110.00	89.10	91.20	7,651.22	2,424.17	545.13	2,432.73	2,493.06	77.37	617,098.13	609,129.73	



ProDirectional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well No: 121H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	Well @ 3417.50usft
Site:	SST 6 State Com	MD Reference:	Well @ 3417.50usft
Well:	No: 121H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-199'-12257', Proj. 12324	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)	
10,203.00	89.60	90.70	7,652.28	2,517.16	543.59	2,525.71	2,583.54	77.85	617,096.59	609,222.71	
10,296.00	90.20	90.20	7,652.44	2,610.16	542.86	2,618.70	2,674.38	78.29	617,095.86	609,315.70	
10,390.00	87.90	89.20	7,654.00	2,704.12	543.35	2,712.68	2,766.56	78.67	617,096.35	609,409.68	
10,483.00	87.00	89.20	7,658.14	2,796.99	544.65	2,805.58	2,857.96	79.01	617,097.65	609,502.58	
10,577.00	86.80	89.30	7,663.22	2,890.81	545.88	2,899.43	2,950.37	79.34	617,098.88	609,596.43	
10,670.00	86.20	89.20	7,668.90	2,983.60	547.09	2,992.25	3,041.86	79.64	617,100.09	609,689.25	
10,764.00	86.20	89.40	7,675.13	3,077.36	548.24	3,086.04	3,134.36	79.93	617,101.24	609,783.04	
10,857.00	86.20	89.70	7,681.29	3,170.13	548.96	3,178.83	3,225.88	80.20	617,101.96	609,875.83	
10,950.00	87.70	90.50	7,686.24	3,262.99	548.80	3,271.70	3,317.41	80.48	617,101.80	609,968.70	
11,044.00	88.00	91.80	7,689.77	3,356.92	546.92	3,365.61	3,409.76	80.77	617,099.92	610,062.61	
11,137.00	90.20	89.90	7,691.23	3,449.90	545.54	3,458.58	3,501.34	81.04	617,098.54	610,155.58	
11,231.00	90.30	89.60	7,690.82	3,543.88	545.95	3,552.58	3,594.28	81.26	617,098.95	610,249.58	
11,324.00	91.00	90.00	7,689.76	3,636.85	546.27	3,645.57	3,686.27	81.48	617,099.27	610,342.57	
11,418.00	91.10	90.40	7,688.04	3,730.83	545.94	3,739.55	3,779.19	81.69	617,098.94	610,436.55	
11,511.00	90.60	90.40	7,686.66	3,823.82	545.30	3,832.54	3,871.14	81.90	617,098.30	610,529.54	
11,604.00	91.00	90.70	7,685.36	3,916.81	544.40	3,925.52	3,963.09	82.10	617,097.40	610,622.52	
11,697.00	88.80	90.40	7,685.52	4,009.80	543.51	4,018.51	4,055.10	82.30	617,096.51	610,715.51	
11,791.00	87.40	91.00	7,688.64	4,103.74	542.36	4,112.45	4,148.06	82.49	617,095.36	610,809.45	
11,884.00	87.70	91.10	7,692.62	4,196.66	540.66	4,205.35	4,239.96	82.67	617,093.66	610,902.35	
11,977.00	87.60	90.70	7,696.43	4,289.58	539.20	4,298.26	4,331.95	82.85	617,092.20	610,995.26	
12,070.00	87.60	90.80	7,700.32	4,382.50	537.98	4,391.17	4,424.01	83.02	617,090.98	611,088.17	
12,164.00	87.40	90.90	7,704.42	4,476.41	536.59	4,485.07	4,517.06	83.18	617,089.59	611,182.07	
12,257.00	87.40	91.10	7,708.64	4,569.31	534.97	4,577.96	4,609.11	83.33	617,087.97	611,274.96	
Last Survey: 12257' MD											
12,324.00	87.40	91.10	7,711.68	4,636.24	533.68	4,644.88	4,675.44	83.45	617,086.68	611,341.88	
PTB: 12324' MD											



ProDirectional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well No. 121H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	Well @ 3417.50usft
Site:	SST 6 State Com.	MD Reference:	Well @ 3417.50usft
Well:	No. 121H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-199'-12257', Proj. 12324'	Database:	WellPlanner1

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
199.00	199.00	0.45	-0.26	Pro MWD First Survey: 199' MD
12,257.00	7,708.64	534.97	4,577.96	Last Survey: 12257' MD
12,324.00	7,711.68	533.68	4,644.88	PTB: 12324' MD