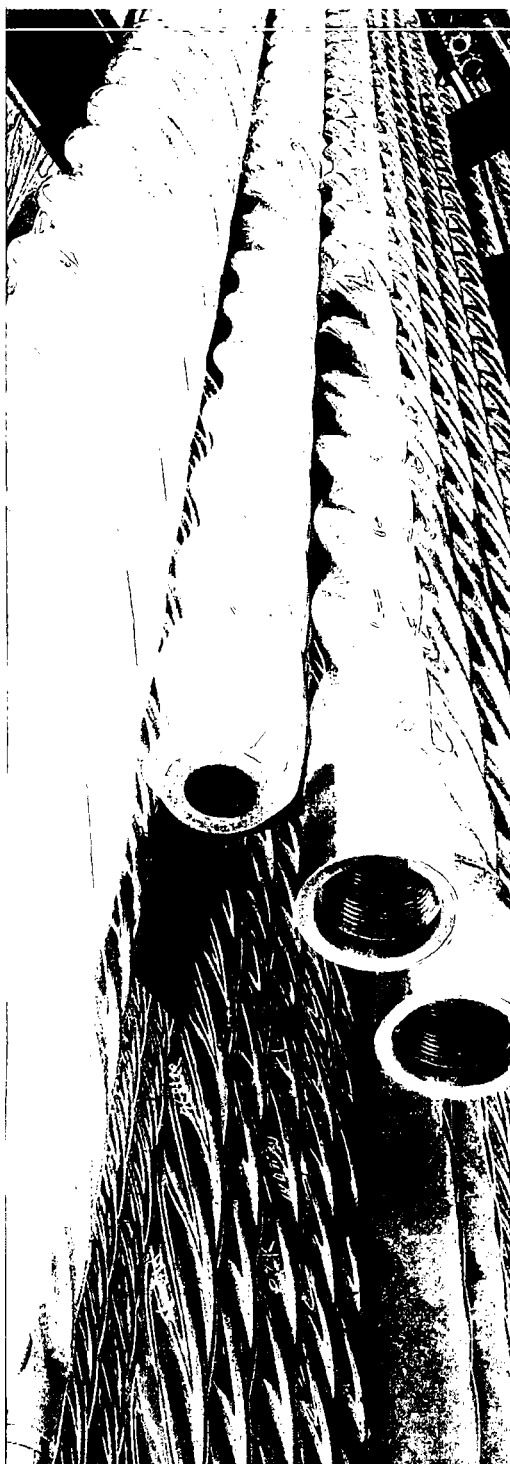




30.015-44324

SST 6 State No. 124H

Eddy County, NM

April 03, 2018

Job No. LNM5166118

RECEIVED

MAY 31 2018

DISTRICT II-ARTESIA O.C.D.

ORIGINAL

Survey Completion Report



Survey Certification Letter

April 03, 2018



Operator Name: Matador Resources
Well Name: SST 6 State No. 124H
County/Parish: Eddy County,
State: NM
Rig Name: Patterson 809
Job Number: LNM5166118

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	2,370' MD – 12,169' MD	12,250' MD	02/24/18 – 03/05/18	MWD

Sincerely,

Mike Coats
Regulatory Specialist
Professional Directional

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

prodirectional.com



Matador Resources

Eddy County, NM

SST 6 State

No. 124H

OH

Survey: ProDirectional

Survey Report

03 April, 2018





ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM(NAD 83)
Site: SST 6 State
Well: No. 124H
Wellbore: OH
Design: Gyro-MWD-134.38'-12169', Proj. 12250'

Local Co-ordinate Reference: Well No. 124H
TVD Reference: Well @ 3414.50usft
MD Reference: Well @ 3414.50usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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		
Site Position:		Northing:	612,659.00 usft
From:	Map	Easting:	611,244.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 41' 2.5363 N
		Longitude:	104° 6' 22.0212 W
		Grid Convergence:	0.12 °

Well	No. 124H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 41' 2.5363 N
		Longitude:	104° 6' 22.0212 W
		Ground Level:	3,386.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	HDGM	2/20/2018	(°)
			7.42
			Dip Angle
			(°)
			60.50
			Field Strength
			(nT)
			48,115.60

Design	Gyro-MWD-134.38'-12169', Proj. 12250'		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
		Direction	
		(°)	270.46



ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM(NAD 83)
Site: SST 6 State
Well: No. 124H
Wellbore: OH
Design: Gyro-MWD-134.38'-12169', Proj. 12250'

Local Co-ordinate Reference: Well No. 124H
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North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey Program		Date	4/3/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
134.38	2,218.00	Survey #1 (OH)	GYRO-NS-CT	OWSG XYZ Accel with XY Static and Continuous Gyro	
2,370.00	12,250.00	Survey #2 (OH)	MWD+HDGM	OWSG MWD + HRGM	

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	612,659.00	611,244.00
134.38	0.55	58.74	134.38	-0.55	0.33	0.55	0.64	58.74	612,659.33	611,244.55
229.09	1.01	34.76	229.08	-1.41	1.26	1.42	1.89	48.42	612,660.26	611,245.42
323.80	0.96	1.60	323.78	-1.89	2.74	1.91	3.34	34.98	612,661.74	611,245.91
418.51	1.14	2.30	418.47	-1.94	4.47	1.97	4.89	23.83	612,663.47	611,245.97
513.22	1.18	14.53	513.16	-2.21	6.36	2.26	6.74	19.55	612,665.36	611,246.26
607.93	1.17	53.17	607.85	-3.21	7.88	3.27	8.53	22.57	612,666.88	611,247.27
702.64	1.46	84.16	702.54	-5.18	8.58	5.25	10.06	31.45	612,667.58	611,249.25
797.35	1.52	96.75	797.22	-7.63	8.56	7.70	11.51	41.97	612,667.56	611,251.70
892.06	2.04	115.68	891.88	-10.40	7.68	10.46	12.98	53.73	612,666.68	611,254.46
986.77	3.08	124.41	986.50	-14.04	5.51	14.08	15.12	68.63	612,664.51	611,258.08
1,081.48	4.06	133.90	1,081.02	-18.58	1.75	18.60	18.68	84.63	612,660.75	611,262.60
1,176.19	4.87	135.84	1,175.44	-23.84	-3.46	23.81	24.06	98.27	612,655.54	611,267.81
1,270.90	4.54	136.54	1,269.83	-29.26	-9.07	29.19	30.57	107.25	612,649.93	611,273.19
1,365.61	5.06	136.57	1,364.21	-34.76	-14.82	34.64	37.68	113.16	612,644.18	611,278.64
1,460.32	6.24	141.95	1,458.46	-40.86	-21.91	40.69	46.21	118.30	612,637.09	611,284.69
1,555.03	5.83	136.57	1,552.65	-47.40	-29.45	47.17	55.61	121.98	612,629.55	611,291.17
1,649.74	5.48	134.92	1,646.90	-53.96	-36.14	53.68	64.71	123.95	612,622.86	611,297.68
1,744.45	5.26	135.16	1,741.19	-60.28	-42.41	59.94	73.43	125.28	612,616.59	611,303.94
1,839.16	5.06	135.48	1,835.52	-66.32	-48.47	65.93	81.83	126.32	612,610.53	611,309.93
1,933.87	4.80	136.09	1,929.88	-72.04	-54.30	71.60	89.87	127.17	612,604.70	611,315.60



ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM(NAD 83)
Site: SST 6 State
Well: No. 124H
Wellbore: OH
Design: Gyro-MWD-134.38'-12169', Proj. 12250'

Local Co-ordinate Reference: Well No. 124H
TVD Reference: Well @ 3414.50usft
MD Reference: Well @ 3414.50usft
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)	
2,028.58	4.59	138.20	2,024.27	-77.36	-59.98	76.88	97.51	127.96	612,599.02	611,320.88	
2,123.29	5.53	141.86	2,118.61	-82.75	-66.40	82.22	105.68	128.92	612,592.60	611,326.22	
2,218.00	4.45	137.21	2,212.96	-88.12	-72.68	87.54	113.78	129.70	612,586.32	611,331.54	
2,370.00	5.30	145.00	2,364.41	-96.23	-82.76	95.57	126.42	130.89	612,576.24	611,339.57	
Pro MWD First Survey: 2370' MD											
2,460.00	4.80	145.00	2,454.06	-100.83	-89.25	100.11	134.12	131.72	612,569.75	611,344.11	
2,554.00	4.70	142.30	2,547.74	-105.49	-95.52	104.73	141.74	132.37	612,563.48	611,348.73	
2,647.00	4.40	137.10	2,640.44	-110.29	-101.15	109.48	149.05	132.73	612,557.85	611,353.48	
2,740.00	4.30	135.50	2,733.18	-115.21	-106.25	114.36	156.09	132.89	612,552.75	611,358.36	
2,834.00	4.20	131.40	2,826.92	-120.30	-111.04	119.41	163.06	132.92	612,547.96	611,363.41	
2,927.00	5.40	152.80	2,919.60	-124.90	-117.18	123.96	170.58	133.39	612,541.82	611,367.96	
3,020.00	5.80	155.40	3,012.15	-128.92	-125.35	127.92	179.09	134.42	612,533.65	611,371.92	
3,114.00	5.40	153.70	3,105.70	-132.93	-133.63	131.86	187.73	135.38	612,525.37	611,375.86	
3,207.00	5.10	151.40	3,198.31	-136.90	-141.18	135.77	195.87	136.12	612,517.82	611,379.77	
3,301.00	4.10	153.50	3,292.01	-140.46	-147.86	139.27	203.12	136.71	612,511.14	611,383.27	
3,395.00	3.60	155.80	3,385.80	-143.21	-153.56	141.98	209.14	137.24	612,505.44	611,385.98	
3,488.00	2.60	152.10	3,478.66	-145.43	-158.08	144.17	213.95	137.64	612,500.92	611,388.17	
3,582.00	2.10	152.70	3,572.58	-147.25	-161.50	145.95	217.68	137.89	612,497.50	611,389.95	
3,676.00	2.10	153.30	3,666.52	-148.83	-164.57	147.52	221.01	138.13	612,494.43	611,391.52	
3,769.00	1.90	156.00	3,759.46	-150.25	-167.50	148.91	224.12	138.36	612,491.50	611,392.91	
3,863.00	1.70	166.30	3,853.41	-151.24	-170.28	149.88	226.84	138.65	612,488.72	611,393.88	
3,956.00	1.40	169.70	3,946.38	-151.79	-172.73	150.40	229.04	138.95	612,486.27	611,394.40	
4,050.00	1.20	180.40	4,040.36	-152.00	-174.85	150.60	230.77	139.26	612,484.15	611,394.60	
4,143.00	1.00	199.90	4,133.34	-151.73	-176.59	150.32	231.90	139.59	612,482.41	611,394.32	
4,237.00	1.00	213.00	4,227.33	-151.02	-178.04	149.59	232.55	139.96	612,480.96	611,393.59	
4,330.00	1.10	219.30	4,320.31	-150.02	-179.42	148.59	232.96	140.37	612,479.58	611,392.59	
4,424.00	1.10	230.30	4,414.29	-148.77	-180.69	147.32	233.14	140.81	612,478.31	611,391.32	



ProDirectional Survey Report



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Site: SST 6 State
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Wellbore: OH
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MD Reference: Well @ 3414.50usft
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)	
4,517.00	1.10	234.20	4,507.28	-147.37	-181.78	145.91	233.10	141.25	612,477.22	611,389.91	
4,611.00	1.00	232.20	4,601.26	-145.99	-182.81	144.53	233.04	141.67	612,476.19	611,388.53	
4,704.00	1.00	232.30	4,694.25	-144.72	-183.81	143.25	233.03	142.07	612,475.19	611,387.25	
4,798.00	1.10	230.30	4,788.23	-143.38	-184.89	141.90	233.07	142.49	612,474.11	611,385.90	
4,891.00	1.20	225.50	4,881.21	-142.01	-186.14	140.52	233.23	142.95	612,472.86	611,384.52	
4,984.00	1.80	303.30	4,974.19	-140.10	-186.02	138.61	231.98	143.31	612,472.98	611,382.61	
5,078.00	2.50	307.80	5,068.12	-137.23	-183.95	135.75	228.62	143.57	612,475.05	611,379.75	
5,171.00	2.50	308.50	5,161.03	-134.02	-181.45	132.56	224.71	143.85	612,477.55	611,376.56	
5,265.00	2.60	307.40	5,254.94	-130.70	-178.87	129.26	220.69	144.15	612,480.13	611,373.26	
5,359.00	2.80	304.30	5,348.83	-127.09	-176.29	125.67	216.50	144.51	612,482.71	611,369.67	
5,452.00	1.10	282.00	5,441.78	-124.32	-174.82	122.92	213.71	144.89	612,484.18	611,366.92	
5,546.00	1.00	248.00	5,535.76	-122.68	-174.94	121.28	212.87	145.27	612,484.06	611,365.28	
5,639.00	1.50	252.80	5,628.74	-120.77	-175.60	119.37	212.33	145.79	612,483.40	611,363.37	
5,733.00	1.80	258.30	5,722.70	-118.16	-176.27	116.75	211.42	146.48	612,482.73	611,360.75	
5,826.00	2.40	268.90	5,815.64	-114.78	-176.60	113.37	209.86	147.30	612,482.40	611,357.37	
5,920.00	1.80	287.40	5,909.58	-111.40	-176.20	109.99	207.71	148.03	612,482.80	611,353.99	
6,013.00	2.20	289.10	6,002.52	-108.31	-175.18	106.91	205.22	148.60	612,483.82	611,350.91	
6,106.00	1.30	330.20	6,095.48	-106.09	-173.68	104.70	202.79	148.92	612,485.32	611,348.70	
6,200.00	1.20	348.60	6,189.46	-105.35	-171.79	103.98	200.80	148.82	612,487.21	611,347.98	
6,293.00	1.40	310.30	6,282.43	-104.28	-170.10	102.92	198.81	148.82	612,488.90	611,346.92	
6,386.00	0.40	270.90	6,375.42	-103.08	-169.36	101.73	197.56	149.01	612,489.64	611,345.73	
6,480.00	0.70	200.90	6,469.42	-102.55	-169.89	101.19	197.74	149.22	612,489.11	611,345.19	
6,574.00	0.50	136.40	6,563.41	-102.64	-170.72	101.27	198.50	149.32	612,488.28	611,345.27	
6,667.00	0.30	210.80	6,656.41	-102.80	-171.22	101.43	199.01	149.36	612,487.78	611,345.43	
6,761.00	0.40	234.00	6,750.41	-102.41	-171.63	101.03	199.16	149.52	612,487.37	611,345.03	
6,854.00	1.00	237.50	6,843.40	-101.47	-172.26	100.09	199.22	149.84	612,486.74	611,344.09	
6,948.00	1.80	219.00	6,937.38	-99.86	-173.84	98.47	199.79	150.47	612,485.16	611,342.47	



ProDirectional Survey Report



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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)
7,041.00	2.00	213.90	7,030.32	-98.05	-176.33	96.64	201.07	151.27	612,482.67	611,340.64
7,135.00	2.00	213.70	7,124.27	-96.25	-179.05	94.82	202.61	152.10	612,479.95	611,338.82
7,214.00	5.00	247.50	7,203.12	-92.32	-181.52	90.87	202.99	153.41	612,477.48	611,334.87
7,261.00	10.80	261.60	7,249.66	-86.08	-182.95	84.62	201.57	155.18	612,476.05	611,328.62
7,307.00	15.60	271.60	7,294.43	-75.63	-183.40	74.16	197.83	157.98	612,475.60	611,318.16
7,354.00	20.60	277.20	7,339.10	-61.09	-182.19	59.63	191.70	161.88	612,476.81	611,303.63
7,400.00	25.10	279.80	7,381.48	-43.42	-179.51	41.98	184.36	166.84	612,479.49	611,285.98
7,447.00	27.80	277.80	7,423.55	-22.71	-176.33	21.29	177.61	173.11	612,482.67	611,265.29
7,493.00	29.50	277.50	7,463.92	-0.83	-173.39	-0.57	173.39	180.19	612,485.61	611,243.43
7,540.00	31.10	276.70	7,504.50	22.73	-170.47	-24.10	172.16	188.05	612,488.53	611,219.90
7,587.00	34.20	276.00	7,544.07	47.95	-167.67	-49.29	174.76	196.38	612,491.33	611,194.71
7,634.00	39.40	273.90	7,581.69	76.00	-165.27	-77.33	182.47	205.08	612,493.73	611,166.67
7,680.00	44.20	272.50	7,615.97	106.62	-163.58	-107.94	195.98	213.42	612,495.42	611,136.06
7,727.00	48.70	272.30	7,648.35	140.65	-162.15	-141.96	215.52	221.20	612,496.85	611,102.04
7,774.00	53.70	271.90	7,677.79	177.26	-160.82	-178.55	240.30	227.99	612,498.18	611,065.45
7,821.00	61.00	271.60	7,703.13	216.79	-159.61	-218.08	270.25	233.80	612,499.39	611,025.92
7,868.00	65.20	272.70	7,724.39	258.68	-158.03	-259.96	304.22	238.70	612,500.97	610,984.04
7,961.00	76.30	274.80	7,755.00	346.19	-152.25	-347.42	379.32	246.34	612,506.75	610,896.58
8,055.00	88.20	273.80	7,767.66	438.95	-145.29	-440.13	463.49	251.73	612,513.71	610,803.87
8,150.00	92.50	271.10	7,767.08	533.86	-141.23	-535.01	553.34	255.21	612,517.77	610,708.99
8,243.00	93.30	268.90	7,762.37	626.73	-141.23	-627.89	643.58	257.32	612,517.77	610,616.11
8,337.00	93.80	268.80	7,756.55	720.52	-143.11	-721.69	735.74	258.78	612,515.89	610,522.31
8,431.00	93.90	268.40	7,750.24	814.26	-145.40	-815.45	828.31	259.89	612,513.60	610,428.55
8,524.00	93.30	268.10	7,744.40	907.00	-148.24	-908.22	920.24	260.73	612,510.76	610,335.78
8,617.00	92.90	268.00	7,739.37	999.78	-151.40	-1,001.03	1,012.42	261.40	612,507.60	610,242.97
8,711.00	92.60	269.90	7,734.86	1,093.64	-153.12	-1,094.90	1,105.56	262.04	612,505.88	610,149.10
8,804.00	93.10	270.20	7,730.24	1,186.52	-153.03	-1,187.79	1,197.61	262.66	612,505.97	610,056.21



ProDirectional Survey Report



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Site: SST 6 State
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Wellbore: OH
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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)
8,898.00	94.10	270.30	7,724.33	1,280.33	-152.63	-1,281.60	1,290.66	263.21	612,506.37	609,962.40
8,991.00	93.00	270.80	7,718.58	1,373.15	-151.73	-1,374.42	1,382.77	263.70	612,507.27	609,869.58
9,085.00	93.00	271.70	7,713.66	1,467.01	-149.69	-1,468.26	1,475.87	264.18	612,509.31	609,775.74
9,178.00	92.30	272.50	7,709.36	1,559.88	-146.28	-1,561.10	1,567.94	264.65	612,512.72	609,682.90
9,272.00	91.30	272.70	7,706.40	1,653.76	-142.02	-1,654.96	1,661.04	265.10	612,516.98	609,589.04
9,365.00	92.60	272.60	7,703.24	1,746.64	-137.72	-1,747.80	1,753.22	265.49	612,521.28	609,496.20
9,458.00	91.60	272.40	7,699.83	1,839.52	-133.67	-1,840.65	1,845.50	265.85	612,525.33	609,403.35
9,552.00	91.90	272.20	7,696.96	1,933.42	-129.90	-1,934.53	1,938.89	266.16	612,529.10	609,309.47
9,645.00	93.00	271.80	7,692.98	2,026.30	-126.66	-2,027.39	2,031.34	266.43	612,532.34	609,216.61
9,739.00	93.40	271.60	7,687.74	2,120.13	-123.87	-2,121.20	2,124.81	266.66	612,535.13	609,122.80
9,832.00	94.00	271.80	7,681.74	2,212.92	-121.12	-2,213.96	2,217.27	266.87	612,537.88	609,030.04
9,926.00	92.10	271.90	7,676.73	2,306.75	-118.09	-2,307.78	2,310.80	267.07	612,540.91	608,936.22
10,020.00	92.30	271.50	7,673.13	2,400.66	-115.30	-2,401.67	2,404.43	267.25	612,543.70	608,842.33
10,113.00	90.40	271.30	7,670.94	2,493.62	-113.03	-2,494.61	2,497.17	267.41	612,545.97	608,749.39
10,207.00	89.80	271.10	7,670.77	2,587.61	-111.06	-2,588.59	2,590.97	267.54	612,547.94	608,655.41
10,300.00	90.50	271.60	7,670.53	2,680.60	-108.87	-2,681.56	2,683.77	267.68	612,550.13	608,562.44
10,394.00	90.80	271.60	7,669.46	2,774.57	-106.25	-2,775.52	2,777.55	267.81	612,552.75	608,468.48
10,487.00	90.90	271.60	7,668.08	2,867.55	-103.65	-2,868.47	2,870.34	267.93	612,555.35	608,375.53
10,581.00	90.90	270.70	7,666.61	2,961.53	-101.76	-2,962.44	2,964.19	268.03	612,557.24	608,281.56
10,674.00	91.00	270.20	7,665.06	3,054.51	-101.03	-3,055.42	3,057.09	268.11	612,557.97	608,188.58
10,767.00	91.50	270.40	7,663.03	3,147.49	-100.55	-3,148.40	3,150.00	268.17	612,558.45	608,095.60
10,860.00	90.50	270.20	7,661.41	3,240.47	-100.06	-3,241.38	3,242.93	268.23	612,558.94	608,002.62
10,954.00	90.20	269.90	7,660.84	3,334.47	-99.98	-3,335.38	3,336.88	268.28	612,559.02	607,908.62
11,047.00	90.50	271.00	7,660.27	3,427.47	-99.25	-3,428.37	3,429.81	268.34	612,559.75	607,815.63
11,141.00	90.40	271.50	7,659.53	3,521.45	-97.20	-3,522.35	3,523.69	268.42	612,561.80	607,721.65
11,234.00	91.30	271.40	7,658.15	3,614.43	-94.84	-3,615.31	3,616.55	268.50	612,564.16	607,628.69
11,328.00	90.70	269.30	7,656.51	3,708.41	-94.27	-3,709.29	3,710.48	268.54	612,564.73	607,534.71



ProDirectional Survey Report



Company: Matador Resources
Project: Eddy County, NM(NAD 83)
Site: SST 6 State
Well: No. 124H
Wellbore: OH
Design: Gyro-MWD-134.38'-12169', Proj. 12250'

Local Co-ordinate Reference: Well No. 124H
TVD Reference: Well @ 3414.50usft
MD Reference: Well @ 3414.50usft
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)
11,422.00	91.50	268.60	7,654.71	3,802.36	-95.99	-3,803.25	3,804.46	268.55	612,563.01	607,440.75
11,515.00	92.50	269.40	7,651.46	3,895.27	-97.61	-3,896.18	3,897.40	268.56	612,561.39	607,347.82
11,609.00	92.40	269.60	7,647.44	3,989.17	-98.43	-3,990.09	3,991.30	268.59	612,560.57	607,253.91
11,702.00	93.10	268.80	7,642.98	4,082.04	-99.73	-4,082.97	4,084.19	268.60	612,559.27	607,161.03
11,796.00	94.10	268.60	7,637.08	4,175.81	-101.86	-4,176.76	4,178.00	268.60	612,557.14	607,067.24
11,889.00	93.50	267.50	7,630.91	4,268.52	-105.02	-4,269.50	4,270.79	268.59	612,553.98	606,974.50
11,982.00	93.50	267.50	7,625.24	4,361.22	-109.07	-4,362.24	4,363.60	268.57	612,549.93	606,881.76
12,075.00	95.80	267.30	7,617.70	4,453.78	-113.27	-4,454.83	4,456.27	268.54	612,545.73	606,789.17
12,169.00	95.30	267.10	7,608.61	4,547.19	-117.84	-4,548.28	4,549.80	268.52	612,541.16	606,695.72
Last Survey: 12169' MD										
12,250.00	95.30	267.10	7,601.12	4,627.70	-121.92	-4,628.83	4,630.43	268.49	612,537.08	606,615.17
PTB: 12250' MD										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,370.00	2,364.41	-82.76	95.57	Pro MWD First Survey: 2370' MD
12,169.00	7,608.61	-117.84	-4,548.28	Last Survey: 12169' MD
12,250.00	7,601.12	-121.92	-4,628.83	PTB: 12250' MD