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EOG Resources

Lea County, NM (NAD27 NME)

Tayberries 13 State

#501H

OH

Design: OH

Standard Survey Report

11 December, 2015



Scientific Drilling

www.scientificdrilling.com



Company:	EOG Resources	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	KB= 25' @ 3672.00usft (H&P 260)
Site:	Tayberries 13 State	MD Reference:	KB= 25' @ 3672.00usft (H&P 260)
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Midland District

Project	Lea County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Tayberries 13 State				
Site Position:		Northing:	575,837.00 usft	Latitude:	32° 34' 46.862 N
From:	Map	Easting:	784,661.00 usft	Longitude:	103° 24' 33.163 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.50 °

Well	#501H					
Well Position	+N/-S	0.00 usft	Northing:	575,837.00 usft	Latitude:	32° 34' 46.862 N
	+E/-W	0.00 usft	Easting:	784,661.00 usft	Longitude:	103° 24' 33.163 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,647.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/18/2015	7.07	60.44	48,328

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (bearing)	
	0.00	0.00	0.00	179.59	

Survey Program	Date	12/11/2015			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
195.00	14,850.00	SDI MWD #1 (OH)	SDI-MWD	MWD - Scientific Drilling	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.00	0.15	103.17	195.00	-0.06	0.25	0.06	0.08	0.08	0.00	
256.00	0.33	195.46	256.00	-0.25	0.28	0.25	0.60	0.30	151.30	
314.00	0.14	183.22	314.00	-0.48	0.23	0.48	0.34	-0.33	-21.10	
375.00	0.17	244.95	375.00	-0.59	0.14	0.59	0.26	0.05	101.20	
435.00	0.21	220.16	435.00	-0.71	-0.01	0.71	0.15	0.07	-41.32	
496.00	0.38	203.94	496.00	-0.98	-0.16	0.98	0.31	0.28	-26.59	
591.00	0.29	192.76	591.00	-1.50	-0.34	1.50	0.12	-0.09	-11.77	
683.00	0.26	135.57	683.00	-1.88	-0.25	1.88	0.29	-0.03	-62.16	
774.00	0.29	99.50	773.99	-2.07	0.12	2.07	0.19	0.03	-39.64	

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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Midland District

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
866.00	0.12	112.01	865.99	-2.14	0.44	2.14	0.19	-0.18	13.60	
961.00	0.24	132.76	960.99	-2.31	0.68	2.32	0.14	0.13	21.84	
1,056.00	0.18	125.79	1,055.99	-2.54	0.95	2.54	0.07	-0.06	-7.34	
1,151.00	0.27	124.86	1,150.99	-2.75	1.25	2.76	0.09	0.09	-0.98	
1,245.00	0.21	113.50	1,244.99	-2.95	1.59	2.96	0.08	-0.06	-12.09	
1,340.00	0.30	94.16	1,339.99	-3.03	2.00	3.05	0.13	0.09	-20.36	
1,435.00	0.34	110.33	1,434.99	-3.15	2.51	3.17	0.10	0.04	17.02	
1,530.00	0.41	98.67	1,529.99	-3.30	3.11	3.32	0.11	0.07	-12.27	
1,624.00	0.51	78.82	1,623.98	-3.27	3.86	3.30	0.20	0.11	-21.12	
1,719.00	0.53	74.41	1,718.98	-3.07	4.69	3.10	0.05	0.02	-4.64	
1,814.00	0.65	61.80	1,813.97	-2.70	5.59	2.73	0.19	0.13	-13.27	
1,909.00	0.61	51.43	1,908.97	-2.13	6.46	2.17	0.13	-0.04	-10.92	
1,983.00	0.73	60.62	1,982.96	-1.65	7.18	1.70	0.22	0.16	12.42	
2,097.00	0.82	65.91	2,096.95	-0.96	8.56	1.02	0.10	0.08	4.64	
2,192.00	0.98	69.95	2,191.94	-0.40	9.94	0.47	0.18	0.17	4.25	
2,287.00	2.02	28.09	2,286.91	1.35	11.49	-1.27	1.52	1.09	-44.06	
2,382.00	2.79	25.60	2,381.83	4.91	13.28	-4.82	0.82	0.81	-2.62	
2,476.00	1.72	352.01	2,475.76	8.38	14.07	-8.28	1.76	-1.14	-35.73	
2,571.00	1.61	338.96	2,570.72	11.03	13.40	-10.94	0.41	-0.12	-13.74	
2,666.00	1.43	353.13	2,665.68	13.46	12.78	-13.36	0.44	-0.19	14.92	
2,761.00	1.31	349.06	2,760.66	15.70	12.43	-15.61	0.16	-0.13	-4.28	
2,855.00	1.27	350.08	2,854.63	17.78	12.04	-17.69	0.05	-0.04	1.09	
2,950.00	1.19	358.39	2,949.61	19.80	11.84	-19.72	0.21	-0.08	8.75	
3,045.00	1.52	10.86	3,044.58	22.03	12.05	-21.94	0.46	0.35	13.13	
3,140.00	1.43	16.98	3,139.55	24.40	12.63	-24.31	0.19	-0.09	6.44	
3,234.00	1.67	23.67	3,233.52	26.77	13.52	-26.68	0.32	0.26	7.12	
3,329.00	1.72	31.52	3,328.48	29.26	14.82	-29.15	0.25	0.05	8.26	
3,424.00	1.87	347.66	3,423.43	31.99	15.24	-31.88	1.42	0.16	-46.17	
3,519.00	2.27	342.04	3,518.37	35.29	14.33	-35.19	0.47	0.42	-5.92	
3,613.00	1.97	351.62	3,612.31	38.66	13.52	-38.56	0.49	-0.32	10.19	
3,708.00	1.57	342.64	3,707.26	41.52	12.89	-41.42	0.51	-0.42	-9.45	
3,803.00	2.59	351.53	3,802.20	44.88	12.19	-44.80	1.12	1.07	9.36	
3,898.00	2.70	354.96	3,897.10	49.23	11.67	-49.15	0.20	0.12	3.61	
3,992.00	2.55	349.55	3,991.00	53.50	11.10	-53.42	0.31	-0.16	-5.76	
4,087.00	1.92	347.24	4,085.93	57.13	10.36	-57.05	0.67	-0.66	-2.43	
4,182.00	1.67	352.89	4,180.88	60.05	9.84	-59.98	0.32	-0.26	5.95	
4,277.00	2.94	343.70	4,275.80	63.76	8.99	-63.70	1.39	1.34	-9.67	
4,372.00	3.28	344.65	4,370.66	68.72	7.58	-68.67	0.36	0.36	1.00	
4,466.00	3.12	344.50	4,464.51	73.78	6.19	-73.74	0.17	-0.17	-0.16	
4,561.00	3.07	344.65	4,559.38	78.73	4.82	-78.69	0.05	-0.05	0.16	
4,656.00	2.96	346.74	4,654.24	83.57	3.59	-83.54	0.16	-0.12	2.20	
4,751.00	2.74	345.80	4,749.13	88.16	2.47	-88.14	0.24	-0.23	-0.99	
4,846.00	2.52	343.15	4,844.03	92.36	1.30	-92.34	0.26	-0.23	-2.79	
4,940.00	2.44	343.55	4,937.94	96.25	0.14	-96.25	0.09	-0.09	0.43	

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Survey										
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5,035.00	2.27	340.70	5,032.86	99.97	-1.06	-99.97	0.22	-0.18	-3.00	
5,130.00	2.15	346.90	5,127.79	103.48	-2.08	-103.49	0.28	-0.13	6.53	
5,225.00	2.07	345.67	5,222.72	106.88	-2.91	-106.90	0.10	-0.08	-1.29	
5,319.00	1.91	349.48	5,316.67	110.06	-3.62	-110.08	0.22	-0.17	4.05	
5,414.00	2.79	356.48	5,411.59	113.93	-4.05	-113.95	0.97	0.93	7.37	
5,509.00	2.80	355.11	5,506.47	118.55	-4.39	-118.57	0.07	0.01	-1.44	
5,604.00	2.61	356.47	5,601.37	123.02	-4.72	-123.05	0.21	-0.20	1.43	
5,774.00	2.01	2.40	5,771.23	129.86	-4.83	-129.89	0.38	-0.35	3.49	
5,868.00	3.64	0.77	5,865.11	134.49	-4.72	-134.52	1.74	1.73	-1.73	
5,962.00	3.13	12.95	5,958.95	139.97	-4.11	-140.00	0.93	-0.54	12.96	
6,056.00	2.82	6.08	6,052.82	144.78	-3.29	-144.79	0.50	-0.33	-7.31	
6,150.00	3.26	13.29	6,146.69	149.68	-2.43	-149.69	0.62	0.47	7.67	
6,244.00	2.76	16.55	6,240.56	154.45	-1.17	-154.45	0.56	-0.53	3.47	
6,338.00	2.37	32.21	6,334.47	158.26	0.51	-158.25	0.85	-0.41	16.66	
6,433.00	2.09	33.03	6,429.39	161.37	2.50	-161.35	0.30	-0.29	0.86	
6,527.00	2.08	35.40	6,523.33	164.20	4.43	-164.17	0.09	-0.01	2.52	
6,622.00	1.86	39.23	6,618.28	166.80	6.40	-166.75	0.27	-0.23	4.03	
6,716.00	1.83	41.96	6,712.23	169.10	8.37	-169.04	0.10	-0.03	2.90	
6,810.00	1.25	6.12	6,806.19	171.23	9.48	-171.16	1.17	-0.62	-38.13	
6,904.00	1.13	359.95	6,900.17	173.18	9.59	-173.11	0.19	-0.13	-6.56	
6,997.00	0.57	334.76	6,993.16	174.52	9.39	-174.45	0.71	-0.60	-27.09	
7,091.00	0.64	342.22	7,087.16	175.44	9.03	-175.37	0.11	0.07	7.94	
7,185.00	0.44	217.05	7,181.16	175.65	8.65	-175.59	1.02	-0.21	-133.16	
7,279.00	0.91	320.14	7,275.15	175.94	7.96	-175.88	1.17	0.50	109.67	
7,373.00	0.82	338.35	7,369.14	177.13	7.23	-177.08	0.31	-0.10	19.37	
7,467.00	0.51	341.10	7,463.14	178.16	6.85	-178.10	0.33	-0.33	2.93	
7,561.00	0.44	327.26	7,557.13	178.85	6.52	-178.80	0.14	-0.07	-14.72	
7,655.00	2.63	346.41	7,651.09	181.25	5.82	-181.21	2.36	2.33	20.37	
7,749.00	2.03	0.65	7,745.02	185.02	5.33	-184.97	0.88	-0.64	15.15	
7,844.00	1.75	353.16	7,839.96	188.14	5.17	-188.10	0.39	-0.29	-7.88	
7,938.00	1.43	351.23	7,933.93	190.72	4.82	-190.68	0.35	-0.34	-2.05	
8,032.00	1.16	2.17	8,027.90	192.83	4.68	-192.80	0.39	-0.29	11.64	
8,125.00	1.24	352.66	8,120.88	194.77	4.59	-194.73	0.23	0.09	-10.23	
8,219.00	2.06	39.66	8,214.85	197.08	5.54	-197.04	1.61	0.87	50.00	
8,313.00	1.09	19.68	8,308.81	199.22	6.92	-199.17	1.17	-1.03	-21.26	
8,407.00	2.29	343.61	8,402.77	201.87	6.69	-201.82	1.65	1.28	-38.37	
8,502.00	0.98	308.68	8,497.73	204.20	5.52	-204.15	1.67	-1.38	-36.77	
8,595.00	2.17	276.97	8,590.70	204.91	3.15	-204.88	1.54	1.28	-34.10	
8,689.00	2.51	279.94	8,684.62	205.48	-0.65	-205.48	0.38	0.36	3.16	
8,783.00	4.06	264.76	8,778.46	205.53	-5.99	-205.57	1.88	1.65	-16.15	
8,877.00	0.52	100.31	8,872.39	205.15	-8.88	-205.21	4.85	-3.77	-174.95	
8,971.00	3.51	79.40	8,966.32	205.60	-5.63	-205.64	3.22	3.18	-22.24	
9,064.00	0.17	148.36	9,059.27	206.01	-2.76	-206.02	3.71	-3.59	74.15	

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9,159.00	2.39	239.22	9,154.24	204.87	-4.39	-204.90	2.52	2.34	95.64	
9,252.00	2.05	240.97	9,247.17	203.08	-7.51	-203.12	0.37	-0.37	1.88	
9,346.00	1.44	220.31	9,341.12	201.36	-9.74	-201.42	0.92	-0.65	-21.98	
9,440.00	1.04	203.12	9,435.10	199.67	-10.84	-199.75	0.58	-0.43	-18.29	
9,534.00	4.65	176.77	9,528.97	195.08	-10.96	-195.16	3.99	3.84	-28.03	
9,581.00	11.51	181.50	9,575.48	188.49	-10.98	-188.56	14.65	14.60	10.06	
9,629.00	18.45	184.07	9,621.82	176.11	-11.64	-176.18	14.52	14.46	5.35	
9,676.00	22.04	185.13	9,665.91	159.90	-12.96	-159.99	7.68	7.64	2.26	
9,723.00	23.34	183.46	9,709.27	141.82	-14.31	-141.92	3.09	2.77	-3.55	
9,770.00	28.10	182.59	9,751.60	121.46	-15.37	-121.57	10.16	10.13	-1.85	
9,817.00	33.03	182.50	9,792.06	97.59	-16.43	-97.70	10.49	10.49	-0.19	
9,864.00	37.14	181.44	9,830.51	70.60	-17.35	-70.72	8.84	8.74	-2.26	
9,910.00	40.77	180.69	9,866.28	41.69	-17.88	-41.81	7.96	7.89	-1.63	
9,957.00	44.30	178.55	9,900.91	9.92	-17.65	-10.05	8.12	7.51	-4.55	
10,004.00	49.20	177.32	9,933.10	-24.28	-16.40	24.16	10.60	10.43	-2.62	
10,051.00	54.70	177.69	9,962.06	-61.24	-14.80	61.13	11.72	11.70	0.79	
10,099.00	60.56	179.12	9,987.75	-101.75	-13.68	101.65	12.46	12.21	2.98	
10,117.43	62.79	179.30	9,996.49	-117.97	-13.46	117.87	12.14	12.11	0.96	
FTP(tayberries 13 St #501H)										
10,146.00	66.25	179.56	10,008.78	-143.75	-13.20	143.65	12.14	12.11	0.92	
10,193.00	70.67	179.40	10,026.03	-187.46	-12.81	187.36	9.41	9.40	-0.34	
10,240.00	75.82	179.01	10,039.58	-232.44	-12.18	232.35	10.99	10.96	-0.83	
10,287.00	80.38	178.31	10,049.27	-278.41	-11.10	278.32	9.81	9.70	-1.49	
10,334.00	84.07	178.14	10,055.62	-324.94	-9.66	324.87	7.86	7.85	-0.36	
10,360.00	87.95	177.94	10,057.43	-350.86	-8.77	350.79	14.94	14.92	-0.77	
10,407.00	89.16	178.00	10,058.62	-397.82	-7.11	397.76	2.58	2.57	0.13	
10,454.00	90.47	178.75	10,058.77	-444.80	-5.78	444.74	3.21	2.79	1.60	
10,502.00	90.70	179.16	10,058.28	-492.78	-4.90	492.74	0.98	0.48	0.85	
10,548.00	90.44	179.16	10,057.82	-538.78	-4.23	538.73	0.57	-0.57	0.00	
10,595.00	91.38	179.41	10,057.07	-585.77	-3.64	585.73	2.07	2.00	0.53	
10,642.00	92.15	179.84	10,055.63	-632.74	-3.33	632.70	1.88	1.64	0.91	
10,690.00	91.98	179.80	10,053.90	-680.71	-3.18	680.67	0.36	-0.35	-0.08	
10,784.00	92.25	179.40	10,050.43	-774.65	-2.53	774.61	0.51	0.29	-0.43	
10,878.00	92.38	179.23	10,046.63	-868.56	-1.40	868.53	0.23	0.14	-0.18	
10,972.00	92.15	179.51	10,042.92	-962.48	-0.37	962.46	0.39	-0.24	0.30	
11,067.00	91.38	179.00	10,039.99	-1,057.43	0.86	1,057.41	0.97	-0.81	-0.54	
11,161.00	90.50	179.15	10,038.45	-1,151.40	2.38	1,151.39	0.95	-0.94	0.16	
11,255.00	89.73	179.11	10,038.26	-1,245.39	3.81	1,245.39	0.82	-0.82	-0.04	
11,350.00	90.24	179.66	10,038.28	-1,340.38	4.83	1,340.39	0.79	0.54	0.58	
11,444.00	88.79	179.81	10,039.08	-1,434.38	5.26	1,434.38	1.55	-1.54	0.16	
11,510.18	89.03	179.69	10,040.34	-1,500.55	5.55	1,500.55	0.40	0.36	-0.18	
TGT#1(tayberries 13 St #501H)										
11,538.00	89.13	179.64	10,040.79	-1,528.36	5.71	1,528.36	0.40	0.36	-0.18	
11,632.00	89.80	179.96	10,041.66	-1,622.36	6.04	1,622.36	0.79	0.71	0.34	

Company:	EOG Resources	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	KB= 25' @ 3672.00usft (H&P 260)
Site:	Tayberries 13 State	MD Reference:	KB= 25' @ 3672.00usft (H&P 260)
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Midland District

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,726.00	90.74	179.84	10,041.22	-1,716.35	6.21	1,716.35	1.01	1.00	-0.13	
11,820.00	91.85	179.58	10,039.10	-1,810.33	6.68	1,810.33	1.21	1.18	-0.28	
11,915.00	93.02	179.01	10,035.06	-1,905.23	7.85	1,905.24	1.37	1.23	-0.60	
12,011.00	92.58	177.66	10,030.37	-2,001.07	10.64	2,001.10	1.48	-0.46	-1.41	
12,105.00	91.47	178.60	10,027.05	-2,094.96	13.70	2,095.01	1.55	-1.18	1.00	
12,152.00	88.99	178.98	10,026.86	-2,141.95	14.69	2,142.00	5.34	-5.28	0.81	
12,199.00	88.73	178.85	10,027.80	-2,188.93	15.58	2,188.99	0.62	-0.55	-0.28	
12,293.00	87.93	178.63	10,030.53	-2,282.87	17.65	2,282.93	0.88	-0.85	-0.23	
12,387.00	88.06	179.66	10,033.82	-2,376.80	19.05	2,376.87	1.10	0.14	1.10	
12,482.00	88.45	179.88	10,036.72	-2,471.75	19.43	2,471.83	0.47	0.41	0.23	
12,576.00	89.30	179.73	10,038.56	-2,565.73	19.75	2,565.81	0.92	0.90	-0.16	
12,670.00	88.39	180.05	10,040.46	-2,659.71	19.93	2,659.79	1.03	-0.97	0.34	
12,765.00	89.60	180.36	10,042.12	-2,754.70	19.59	2,754.77	1.31	1.27	0.33	
12,858.00	90.40	180.40	10,042.12	-2,847.69	18.98	2,847.76	0.86	0.86	0.04	
12,953.00	91.41	180.19	10,040.62	-2,942.68	18.49	2,942.74	1.09	1.06	-0.22	
13,048.00	92.55	180.36	10,037.34	-3,037.62	18.03	3,037.67	1.21	1.20	0.18	
13,142.00	90.50	179.86	10,034.84	-3,131.58	17.85	3,131.63	2.24	-2.18	-0.53	
13,210.47	90.89	180.07	10,034.01	-3,200.05	17.89	3,200.09	0.65	0.57	0.31	
TGT#2(tayberries 13 St #501H)										
13,236.00	91.04	180.15	10,033.58	-3,225.57	17.84	3,225.62	0.65	0.57	0.31	
13,330.00	91.41	180.26	10,031.57	-3,319.55	17.51	3,319.59	0.41	0.39	0.12	
13,425.00	90.74	180.34	10,029.78	-3,414.53	17.01	3,414.57	0.71	-0.71	0.08	
13,519.00	90.74	180.35	10,028.57	-3,508.52	16.44	3,508.55	0.01	0.00	0.01	
13,613.00	89.29	180.62	10,028.55	-3,602.52	15.65	3,602.54	1.57	-1.54	0.29	
13,707.00	88.76	181.38	10,030.14	-3,696.49	14.01	3,696.49	0.99	-0.56	0.81	
13,801.00	89.46	180.84	10,031.60	-3,790.46	12.19	3,790.45	0.94	0.74	-0.57	
13,896.00	91.68	179.37	10,030.66	-3,885.44	12.01	3,885.43	2.80	2.34	-1.55	
13,989.00	92.15	179.24	10,027.55	-3,978.38	13.14	3,978.38	0.52	0.51	-0.14	
14,083.00	92.82	179.09	10,023.48	-4,072.28	14.51	4,072.29	0.73	0.71	-0.16	
14,177.00	91.61	178.43	10,019.84	-4,166.19	16.54	4,166.20	1.47	-1.29	-0.70	
14,271.00	93.13	178.05	10,015.96	-4,260.06	19.43	4,260.09	1.67	1.62	-0.40	
14,365.00	91.75	177.66	10,011.95	-4,353.91	22.94	4,353.96	1.53	-1.47	-0.41	
14,459.00	91.01	177.51	10,009.69	-4,447.80	26.90	4,447.88	0.80	-0.79	-0.16	
14,553.00	90.37	177.25	10,008.56	-4,541.69	31.20	4,541.80	0.73	-0.68	-0.28	
14,647.00	91.24	178.67	10,007.24	-4,635.62	34.54	4,635.75	1.77	0.93	1.51	
14,741.00	87.92	180.41	10,007.93	-4,729.60	35.30	4,729.73	3.99	-3.53	1.85	
14,792.00	85.53	180.05	10,010.84	-4,780.51	35.09	4,780.64	4.74	-4.69	-0.71	
Final MWD Survey @ 14792' MD - PBHL(tayberries 13 St #501H)										
14,850.00	85.53	180.05	10,015.36	-4,838.33	35.04	4,838.46	0.00	0.00	0.00	
Final Projection to Bit @ 14850' MD										

Company:	EOG Resources	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	KB= 25' @ 3672.00usft (H&P 260)
Site:	Tayberries 13 State	MD Reference:	KB= 25' @ 3672.00usft (H&P 260)
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Midland District

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
14,792.00	10,010.84	-4,780.51	35.09	Final MWD Survey @ 14792' MD
14,850.00	10,015.36	-4,838.33	35.04	Final Projection to Bit @ 14850' MD

Checked By: _____ Approved By: _____ Date: _____