



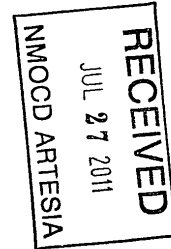
EOG Resources, Inc.

Eddy County
Parkway 23 State Com
#3H
OH

Design: OH

Pathfinder X&Y Report

04 May, 2011



Accepted for record - NMOCD

PATHFINDER

A Schlumberger Company

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3330.00usft (19' KB Correction)
Site:	Parkway 23 State Com	MD Reference:	WELL @ 3330.00usft (19' KB Correction)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Eddy County
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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	Parkway 23 State Com
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Site Position:		Northing:	600,739.000 usft	Latitude:	32° 39' 4.392 N
From:	Map	Easting:	586,310.400 usft	Longitude:	104° 3' 10.470 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.15 °

Well	#3H
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Well Position	+N/-S	0.00 usft	Northing:	599,449.700 usft	Latitude:	32° 38' 51.637 N
	+E/-W	0.00 usft	Easting:	586,157.700 usft	Longitude:	104° 3' 12.296 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,311.00 usft

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/21/2011	7.86	60.50	48,834

Design	OH
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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	1,289.30	152.70	89.46

Survey Program	Date	5/4/2011
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From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
179.00	11,311.00	Survey #1 - MWD (OH)	MWD	MWD - Standard

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Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	-3,330.00	0.00	0.00	-164.84	0.00	599,449.70	586,157.70
179.00	2.40	221.41	178.95	-3,151.05	-2.81	-2.48	-167.35	1.34	599,446.89	586,155.22
336.00	2.30	213.11	335.82	-2,994.18	-7.92	-6.37	-171.29	0.23	599,441.78	586,151.33
431.00	2.64	202.74	430.73	-2,899.27	-11.53	-8.26	-173.21	0.59	599,438.17	586,149.44
517.00	2.29	180.06	516.65	-2,813.35	-15.07	-9.03	-174.02	1.20	599,434.63	586,148.67
603.00	2.02	155.89	602.59	-2,727.41	-18.18	-8.41	-173.43	1.09	599,431.52	586,149.29
664.00	2.11	150.97	663.55	-2,666.45	-20.14	-7.43	-172.46	0.33	599,429.56	586,150.27
756.00	2.11	113.97	755.49	-2,574.51	-22.31	-5.06	-170.11	1.46	599,427.39	586,152.64
817.00	2.20	106.94	816.45	-2,513.55	-23.11	-2.91	-167.97	0.46	599,426.59	586,154.79
908.00	2.37	80.48	907.38	-2,422.62	-23.30	0.61	-164.45	1.16	599,426.40	586,158.31
969.00	2.55	76.09	968.32	-2,361.68	-22.77	3.18	-161.88	0.43	599,426.93	586,160.88
1,031.00	2.81	72.66	1,030.26	-2,299.74	-21.98	5.97	-159.09	0.49	599,427.72	586,163.67
1,124.00	2.99	67.04	1,123.14	-2,206.86	-20.36	10.37	-154.66	0.36	599,429.34	586,168.07
1,187.00	2.29	67.21	1,186.07	-2,143.93	-19.23	13.05	-151.98	1.11	599,430.47	586,170.75
1,250.00	1.32	73.80	1,249.04	-2,080.96	-18.54	14.91	-150.11	1.57	599,431.16	586,172.61
1,345.00	0.35	64.58	1,344.03	-1,985.97	-18.11	16.22	-148.80	1.03	599,431.59	586,173.92
1,409.00	0.35	36.27	1,408.03	-1,921.97	-17.87	16.51	-148.50	0.27	599,431.83	586,174.21
1,472.00	0.35	8.68	1,471.03	-1,858.97	-17.52	16.65	-148.36	0.26	599,432.18	586,174.35
1,535.00	0.53	350.66	1,534.02	-1,795.98	-17.05	16.63	-148.37	0.36	599,432.65	586,174.33
1,598.00	0.70	345.56	1,597.02	-1,732.98	-16.39	16.49	-148.51	0.28	599,433.31	586,174.19
1,661.00	0.97	344.95	1,660.01	-1,669.99	-15.50	16.26	-148.73	0.43	599,434.20	586,173.96
1,725.00	1.06	335.01	1,724.00	-1,606.00	-14.44	15.87	-149.11	0.31	599,435.26	586,173.57
1,790.00	1.23	340.20	1,788.99	-1,541.01	-13.24	15.38	-149.59	0.31	599,436.46	586,173.08
1,853.00	1.23	340.64	1,851.98	-1,478.02	-11.96	14.92	-150.03	0.01	599,437.74	586,172.62
1,916.00	1.14	344.33	1,914.96	-1,415.04	-10.72	14.53	-150.42	0.19	599,438.98	586,172.23
1,980.00	1.23	341.52	1,978.95	-1,351.05	-9.46	14.14	-150.79	0.17	599,440.24	586,171.84
2,043.00	1.23	343.01	2,041.93	-1,288.07	-8.17	13.73	-151.19	0.05	599,441.53	586,171.43

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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,106.00	1.41	343.63	2,104.92	-1,225.08	-6.78	13.31	-151.60	0.29	599,442.92	586,171.01
2,169.00	1.41	342.84	2,167.90	-1,162.10	-5.29	12.86	-152.03	0.03	599,444.41	586,170.56
2,232.00	0.88	322.18	2,230.89	-1,099.11	-4.17	12.34	-152.54	1.05	599,445.53	586,170.04
2,295.00	0.70	299.68	2,293.88	-1,036.12	-3.60	11.71	-153.17	0.56	599,446.10	586,169.41
2,359.00	0.79	305.22	2,357.87	-972.13	-3.15	11.01	-153.87	0.18	599,446.55	586,168.71
2,422.00	0.79	298.98	2,420.87	-909.13	-2.69	10.27	-154.60	0.14	599,447.01	586,167.97
2,485.00	0.97	304.78	2,483.86	-846.14	-2.18	9.46	-155.41	0.32	599,447.52	586,167.16
2,548.00	0.88	303.20	2,546.85	-783.15	-1.61	8.61	-156.25	0.15	599,448.09	586,166.31
2,612.00	1.06	306.19	2,610.84	-719.16	-0.99	7.72	-157.13	0.29	599,448.71	586,165.42
2,674.00	1.14	308.82	2,672.83	-657.17	-0.26	6.78	-158.07	0.15	599,449.44	586,164.48
2,738.00	1.23	309.00	2,736.82	-593.18	0.57	5.75	-159.09	0.14	599,450.27	586,163.45
2,800.00	1.32	307.77	2,798.80	-531.20	1.43	4.67	-160.16	0.15	599,451.13	586,162.37
2,863.00	1.32	307.15	2,861.79	-468.21	2.31	3.52	-161.31	0.02	599,452.01	586,161.22
2,927.00	1.49	306.98	2,925.77	-404.23	3.25	2.26	-162.55	0.27	599,452.95	586,159.96
2,990.00	1.41	293.44	2,988.75	-341.25	4.05	0.90	-163.91	0.56	599,453.75	586,158.60
3,053.00	1.58	289.22	3,051.73	-278.27	4.65	-0.63	-165.43	0.32	599,454.35	586,157.07
3,116.00	0.97	278.24	3,114.71	-215.29	5.01	-1.98	-166.78	1.04	599,454.71	586,155.72
3,179.00	0.62	261.27	3,177.70	-152.30	5.04	-2.84	-167.64	0.66	599,454.74	586,154.86
3,249.00	0.62	255.12	3,247.70	-82.30	4.88	-3.58	-168.38	0.10	599,454.58	586,154.12
3,319.00	0.70	262.59	3,317.69	-12.31	4.73	-4.37	-169.17	0.17	599,454.43	586,153.33
3,382.00	0.62	272.35	3,380.69	50.69	4.69	-5.10	-169.90	0.22	599,454.39	586,152.60
3,445.00	0.62	275.78	3,443.69	113.69	4.74	-5.78	-170.58	0.06	599,454.44	586,151.92
3,508.00	0.97	276.04	3,506.68	176.68	4.83	-6.65	-171.44	0.56	599,454.53	586,151.05
3,603.00	1.14	0.94	3,601.67	271.67	5.86	-7.43	-172.22	1.50	599,455.56	586,150.27
3,697.00	0.88	72.66	3,695.66	365.66	7.01	-6.73	-171.50	1.28	599,456.71	586,150.97
3,760.00	0.79	61.76	3,758.65	428.65	7.36	-5.88	-170.66	0.29	599,457.06	586,151.82
3,824.00	0.88	46.73	3,822.64	492.64	7.91	-5.14	-169.90	0.37	599,457.61	586,152.56

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3,887.00	0.70	26.08	3,885.64	555.64	8.58	-4.61	-169.38	0.53	599,458.28	586,153.09
3,982.00	0.79	166.44	3,980.64	650.64	8.47	-4.20	-168.97	1.48	599,458.17	586,153.50
4,045.00	0.70	190.08	4,043.63	713.63	7.67	-4.17	-168.94	0.50	599,457.37	586,153.53
4,108.00	0.97	261.54	4,106.62	776.62	7.21	-4.77	-169.54	1.59	599,456.91	586,152.93
4,203.00	0.62	269.45	4,201.62	871.62	7.09	-6.07	-170.85	0.39	599,456.79	586,151.63
4,297.00	0.44	90.15	4,295.61	965.61	7.08	-6.22	-171.00	1.13	599,456.78	586,151.48
4,360.00	0.53	51.74	4,358.61	1,028.61	7.26	-5.75	-170.53	0.52	599,456.96	586,151.95
4,423.00	0.53	38.38	4,421.61	1,091.61	7.67	-5.34	-170.11	0.20	599,457.37	586,152.36
4,487.00	0.53	0.86	4,485.61	1,155.61	8.20	-5.15	-169.92	0.53	599,457.90	586,152.55
4,581.00	0.97	113.09	4,579.60	1,249.60	8.32	-4.42	-169.18	1.35	599,458.02	586,153.28
4,644.00	0.97	127.07	4,642.59	1,312.59	7.79	-3.50	-168.27	0.37	599,457.49	586,154.20
4,707.00	0.88	139.19	4,705.58	1,375.58	7.10	-2.76	-167.53	0.34	599,456.80	586,154.94
4,770.00	0.88	126.54	4,768.58	1,438.58	6.45	-2.05	-166.84	0.31	599,456.15	586,155.65
4,865.00	1.23	138.67	4,863.56	1,533.56	5.25	-0.79	-165.59	0.44	599,454.95	586,156.91
4,928.00	1.58	149.65	4,926.54	1,596.54	3.99	0.09	-164.71	0.70	599,453.69	586,157.79
5,023.00	0.62	104.21	5,021.53	1,691.53	2.73	1.25	-163.57	1.29	599,452.43	586,158.95
5,086.00	0.53	76.26	5,084.52	1,754.52	2.72	1.87	-162.95	0.46	599,452.42	586,159.57
5,150.00	0.88	37.59	5,148.52	1,818.52	3.18	2.45	-162.36	0.89	599,452.88	586,160.15
5,244.00	0.88	248.62	5,242.51	1,912.51	3.49	2.22	-162.59	1.80	599,453.19	586,159.92
5,306.00	0.70	280.08	5,304.51	1,974.51	3.38	1.41	-163.41	0.75	599,453.08	586,159.11
5,369.00	0.62	297.75	5,367.50	2,037.50	3.61	0.72	-164.09	0.35	599,453.31	586,158.42
5,432.00	0.53	304.34	5,430.50	2,100.50	3.93	0.18	-164.63	0.18	599,453.63	586,157.88
5,510.00	0.88	328.34	5,508.49	2,178.49	4.64	-0.43	-165.23	0.58	599,454.34	586,157.27
5,573.00	1.14	325.87	5,571.48	2,241.48	5.57	-1.04	-165.83	0.42	599,455.27	586,156.66
5,636.00	0.97	267.51	5,634.48	2,304.48	6.07	-1.92	-166.71	1.65	599,455.77	586,155.78
5,699.00	1.67	262.94	5,697.46	2,367.46	5.93	-3.36	-168.15	1.12	599,455.63	586,154.34
5,762.00	1.32	188.59	5,760.44	2,430.44	5.10	-4.38	-169.18	2.90	599,454.80	586,153.32

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5,825.00	1.67	184.02	5,823.42	2,493.42	3.47	-4.56	-169.37	0.59	599,453.17	586,153.14	
5,857.00	1.85	192.72	5,855.41	2,525.41	2.50	-4.70	-169.52	1.01	599,452.20	586,153.00	
5,920.00	0.79	280.70	5,918.39	2,588.39	1.59	-5.35	-170.18	3.15	599,451.29	586,152.35	
5,984.00	1.67	318.32	5,982.38	2,652.38	2.37	-6.41	-171.23	1.80	599,452.07	586,151.29	
6,047.00	0.97	356.90	6,045.36	2,715.36	3.59	-7.05	-171.86	1.74	599,453.29	586,150.65	
6,110.00	1.58	43.75	6,108.35	2,778.35	4.75	-6.47	-171.27	1.84	599,454.45	586,151.23	
6,173.00	1.49	128.65	6,171.33	2,841.33	4.86	-5.23	-170.03	3.29	599,454.56	586,152.47	
6,236.00	1.67	162.93	6,234.31	2,904.31	3.47	-4.32	-169.14	1.50	599,453.17	586,153.38	
6,298.00	1.49	175.85	6,296.29	2,966.29	1.81	-4.00	-168.83	0.64	599,451.51	586,153.70	
6,360.00	1.41	194.48	6,358.27	3,028.27	0.26	-4.13	-168.98	0.77	599,449.96	586,153.57	
6,452.00	1.06	194.57	6,450.24	3,120.24	-1.66	-4.63	-169.49	0.38	599,448.04	586,153.07	
6,484.00	0.97	188.32	6,482.24	3,152.24	-2.21	-4.74	-169.61	0.45	599,447.49	586,152.96	
6,515.00	1.85	118.80	6,513.23	3,183.23	-2.71	-4.34	-169.21	5.69	599,446.99	586,153.36	
6,547.00	4.75	92.96	6,545.18	3,215.18	-3.03	-2.57	-167.44	9.96	599,446.67	586,155.13	
6,578.00	7.30	83.12	6,576.00	3,246.00	-2.86	0.67	-164.20	8.85	599,446.84	586,158.37	
6,609.00	10.46	80.92	6,606.63	3,276.63	-2.18	5.41	-159.46	10.25	599,447.52	586,163.11	
6,640.00	13.72	80.48	6,636.94	3,306.94	-1.13	11.81	-153.04	10.52	599,448.57	586,169.51	
6,671.00	17.15	79.25	6,666.81	3,336.81	0.33	19.93	-144.91	11.11	599,450.03	586,177.63	
6,702.00	20.49	78.37	6,696.15	3,366.15	2.28	29.74	-135.09	10.81	599,451.98	586,187.44	
6,732.00	23.39	78.11	6,723.98	3,393.98	4.57	40.71	-124.09	9.67	599,454.27	586,198.41	
6,804.00	29.46	75.96	6,788.43	3,458.43	11.81	71.90	-92.84	8.53	599,461.51	586,229.60	
6,835.00	32.27	75.33	6,815.03	3,485.03	15.76	87.31	-77.39	9.12	599,465.46	586,245.01	
6,866.00	36.05	74.94	6,840.68	3,510.68	20.23	104.13	-60.53	12.21	599,469.93	586,261.83	
6,897.00	39.75	73.95	6,865.14	3,535.14	25.34	122.47	-42.15	12.10	599,475.04	586,280.17	
6,928.00	43.70	72.80	6,888.27	3,558.27	31.25	142.23	-22.33	12.98	599,480.95	586,299.93	
6,959.00	48.10	71.46	6,909.84	3,579.84	38.09	163.41	-1.09	14.53	599,487.79	586,321.11	
6,991.00	52.23	71.07	6,930.33	3,600.33	45.98	186.67	22.25	12.94	599,495.68	586,344.37	

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MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,022.00	56.54	70.47	6,948.38	3,618.38	54.28	210.46	46.12	13.99	599,503.98	586,368.16
7,054.00	61.38	70.92	6,964.88	3,634.88	63.34	236.33	72.07	15.17	599,513.04	586,394.03
7,085.00	65.69	72.37	6,978.69	3,648.69	72.07	262.66	98.49	14.52	599,521.77	586,420.36
7,116.00	69.91	74.87	6,990.40	3,660.40	80.15	290.19	126.09	15.52	599,529.85	586,447.89
7,147.00	75.18	76.43	6,999.70	3,669.70	87.47	318.83	154.80	17.66	599,537.17	586,476.53
7,158.00	77.03	77.22	7,002.34	3,672.34	89.91	329.23	165.22	18.21	599,539.61	586,486.93
7,182.00	79.93	79.78	7,007.13	3,677.13	94.59	352.27	188.30	15.98	599,544.29	586,509.97
7,213.00	84.24	81.80	7,011.40	3,681.40	99.50	382.57	218.65	15.33	599,549.20	586,540.27
7,244.00	85.56	82.07	7,014.16	3,684.16	103.83	413.14	249.26	4.35	599,553.53	586,570.84
7,276.00	85.82	82.42	7,016.56	3,686.56	108.14	444.76	280.92	1.36	599,557.84	586,602.46
7,307.00	85.91	82.59	7,018.80	3,688.80	112.17	475.42	311.61	0.62	599,561.87	586,633.12
7,338.00	88.37	83.74	7,020.34	3,690.34	115.86	506.15	342.38	8.76	599,565.56	586,663.85
7,401.00	91.80	86.02	7,020.25	3,690.25	121.48	568.89	405.16	6.54	599,571.18	586,726.59
7,432.00	92.77	86.64	7,019.01	3,689.01	123.46	599.80	436.09	3.71	599,573.16	586,757.50
7,526.00	92.24	88.57	7,014.90	3,684.90	127.39	693.62	529.95	2.13	599,577.09	586,851.32
7,619.00	90.22	88.31	7,012.91	3,682.91	129.92	786.56	622.91	2.19	599,579.62	586,944.26
7,713.00	90.40	90.42	7,012.40	3,682.40	130.96	880.55	716.90	2.25	599,580.66	587,038.25
7,775.00	90.75	90.77	7,011.78	3,681.78	130.31	942.54	778.89	0.80	599,580.01	587,100.24
7,838.00	91.01	91.12	7,010.81	3,680.81	129.28	1,005.53	841.86	0.69	599,578.98	587,163.23
7,930.00	90.92	92.61	7,009.26	3,679.26	126.28	1,097.46	933.76	1.62	599,575.98	587,255.16
7,992.00	91.36	92.79	7,008.03	3,678.03	123.36	1,159.38	995.65	0.77	599,573.06	587,317.08
8,086.00	90.40	94.63	7,006.58	3,676.58	117.28	1,253.17	1,089.37	2.21	599,566.98	587,410.87
8,149.00	90.31	94.55	7,006.19	3,676.19	112.24	1,315.97	1,152.12	0.19	599,561.94	587,473.67
8,241.00	88.02	95.16	7,007.53	3,677.53	104.45	1,407.62	1,243.70	2.58	599,554.15	587,565.32
8,335.00	88.11	95.25	7,010.71	3,680.71	95.93	1,501.18	1,337.17	0.14	599,545.63	587,658.88
8,428.00	88.81	95.07	7,013.21	3,683.21	87.57	1,593.77	1,429.68	0.78	599,537.27	587,751.47
8,522.00	87.67	92.70	7,016.09	3,686.09	81.20	1,687.50	1,523.34	2.80	599,530.90	587,845.20

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3330.00usft (19' KB Correction)
Site:	Parkway 23 State Cor	MD Reference:	WELL @ 3330.00usft (19' KB Correction)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
8,615.00	87.58	92.44	7,019.95	3,689.95	77.04	1,780.33	1,616.13	0.30	599,526.74	587,938.03
8,708.00	88.20	93.67	7,023.37	3,693.37	72.08	1,873.13	1,708.88	1.48	599,521.78	588,030.83
8,802.00	88.72	94.02	7,025.90	3,695.90	65.78	1,966.88	1,802.57	0.67	599,515.48	588,124.58
8,897.00	87.76	94.55	7,028.82	3,698.82	58.69	2,061.57	1,897.19	1.15	599,508.39	588,219.27
8,990.00	88.02	94.55	7,032.24	3,702.24	51.32	2,154.21	1,989.76	0.28	599,501.02	588,311.91
9,084.00	88.29	94.81	7,035.27	3,705.27	43.65	2,247.85	2,083.32	0.40	599,493.35	588,405.55
9,178.00	88.90	94.55	7,037.57	3,707.57	35.98	2,341.51	2,176.90	0.71	599,485.68	588,499.21
9,209.00	88.11	93.05	7,038.38	3,708.38	33.93	2,372.43	2,207.80	5.47	599,483.63	588,530.13
9,303.00	88.20	92.00	7,041.41	3,711.41	29.79	2,466.29	2,301.62	1.12	599,479.49	588,623.99
9,366.00	87.76	91.38	7,043.63	3,713.63	27.93	2,529.22	2,364.53	1.21	599,477.63	588,686.92
9,459.00	86.17	91.03	7,048.55	3,718.55	25.98	2,622.07	2,457.35	1.75	599,475.68	588,779.77
9,522.00	84.94	89.98	7,053.43	3,723.43	25.43	2,684.87	2,520.15	2.56	599,475.13	588,842.57
9,616.00	86.70	89.80	7,060.29	3,730.29	25.61	2,778.62	2,613.89	1.88	599,475.31	588,936.32
9,709.00	88.02	89.71	7,064.57	3,734.57	26.00	2,871.52	2,706.79	1.42	599,475.70	589,029.22
9,802.00	88.46	89.62	7,067.43	3,737.43	26.55	2,964.47	2,799.75	0.48	599,476.25	589,122.17
9,896.00	87.32	88.66	7,070.89	3,740.89	27.96	3,058.40	2,893.68	1.59	599,477.66	589,216.10
9,990.00	86.88	87.78	7,075.64	3,745.64	30.87	3,152.23	2,987.54	1.05	599,480.57	589,309.93
10,083.00	86.88	88.75	7,080.70	3,750.70	33.68	3,245.05	3,080.38	1.04	599,483.38	589,402.75
10,177.00	88.11	88.83	7,084.81	3,754.81	35.67	3,338.93	3,174.28	1.31	599,485.37	589,496.63
10,270.00	88.99	88.75	7,087.17	3,757.17	37.63	3,431.88	3,267.24	0.95	599,487.33	589,589.58
10,364.00	87.93	89.89	7,089.69	3,759.69	38.75	3,525.84	3,361.20	1.66	599,488.45	589,683.54
10,458.00	87.67	89.10	7,093.30	3,763.30	39.57	3,619.77	3,455.13	0.88	599,489.27	589,777.47
10,552.00	86.70	90.24	7,097.92	3,767.92	40.12	3,713.65	3,549.02	1.59	599,489.82	589,871.35
10,645.00	87.49	89.80	7,102.63	3,772.63	40.08	3,806.53	3,641.89	0.97	599,489.78	589,964.23
10,738.00	85.47	89.71	7,108.34	3,778.34	40.48	3,899.35	3,734.71	2.17	599,490.18	590,057.05
10,862.00	85.74	89.10	7,117.84	3,787.84	41.76	4,022.98	3,858.35	0.54	599,491.46	590,180.68
10,924.00	86.00	88.92	7,122.31	3,792.31	42.83	4,084.80	3,920.18	0.51	599,492.53	590,242.50

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3330.00usft (19' KB Correction)
Site:	Parkway 23 State Com.	MD Reference:	WELL @ 3330.00usft (19' KB Correction)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
11,017.00	85.74	89.45	7,129.01	3,799.01	44.15	4,177.55	4,012.94	0.63	599,493.85	590,335.25
11,079.00	85.82	89.36	7,133.57	3,803.57	44.79	4,239.38	4,074.77	0.19	599,494.49	590,397.08
11,142.00	85.12	89.10	7,138.54	3,808.54	45.64	4,302.18	4,137.57	1.18	599,495.34	590,459.88
11,204.00	84.77	89.45	7,144.01	3,814.01	46.42	4,363.93	4,199.33	0.80	599,496.12	590,521.63
11,233.00	84.42	89.10	7,146.74	3,816.74	46.78	4,392.80	4,228.20	1.70	599,496.48	590,550.50
11,311.00	84.42	89.10	7,154.32	3,824.32	48.00	4,470.42	4,305.83	0.00	599,497.70	590,628.12

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			Comment
		+N/-S (usft)	+E/-W (usft)		
6,484.00	6,482.24	-2.21	-4.74	KOP - 6484.00'MD, 6482.24'TVD', -2.21'N, -4.74'E	
7,401.00	7,020.25	121.48	568.89	LP - 7401.00'MD, 7020.25'TVD', 121.48'N, 568.89'E	
11,311.00	7,154.32	48.00	4,470.42	BHL - 11311.00'MD, 7154.32'TVD', 48.00'N, 4470.42'E	

Checked By: _____ Approved By: _____ Date: _____