

Company: EOG Resources, Inc. Project: Lea County Site: Vaca "14" Fed Well: #5H Wellbore: OH Design: OH	Local Co-ordinate Reference: TVD Reference: WELL @ 3399.60usft (30' KB Correction) MD Reference: WELL @ 3399.60usft (30' KB Correction) North Reference: Grd Survey Calculation Method: Minimum Curvature Database: EDM 5000.1 Single User Db	Well #5H WELL @ 3399.60usft (30' KB Correction) Grd Minimum Curvature EDM 5000.1 Single User Db
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Project: Lea County Map System: US State Plane 1927 (Exact solution) Geo Datum: NAD 1927 (NADCON CONUS) Map Zone: New Mexico East 3001	System Datum: Mean Sea Level
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Site Vaca "14" Fed	Site Position: From: Map Position Uncertainty: 0.00 usft	Northing: 414,051.100 usft Easting: 745,404.300 usft Slot Radius: 13-3/16 "	Latitude: 32° 8' 9.097 N Longitude: 103° 32' 25.918 W Grid Convergence: 0.42 °
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Well #5H	+N/-S +E/-W Position Uncertainty	Northing: 0.00 usft Easting: 0.00 usft Wellhead Elevation: 0.00 usft	Latitude: 32° 8' 15.167 N Longitude: 103° 33' 0.418 W Ground Level: 3,369.60 usft
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Wellbore OH	Magnetics Model Name: IGRF200510 Sample Date: 12/24/10 Dip Angle (°): 60.14 Field Strength (nT): 48,649
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Design OH	Audit Notes: Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft): 0.00 +N/-S (usft): 0.00 +E/-W (usft): 0.00 Direction (°): 178.45

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #5H
Project:	Lea County	TVD Reference:	WELL @ 3399.60usft (30' KB Correction)
Site:	Vaca "14" Fed	MD Reference:	WELL @ 3399.60usft (30' KB Correction)
Well:	#5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey Program		Date	01/03/11
From (usft)	To (usft)	Survey (Wellbore)	Description
180.00	9,798.00	PILOT HOLE (OH)	MWD - Standard
11,666.00	14,092.00	MWD (OH)	MWD - Standard

Survey	MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (°/100usft)	Northing (usft)	Easting (usft)
	0.00	0.00	0.00	0.00	3,399.60	0.00	0.00	0.00	0.00	414,642.80	742,433.30
	180.00	0.30	40.62	180.00	3,219.60	0.36	0.31	-0.35	0.17	414,643.16	742,433.61
	348.00	0.10	33.82	348.00	3,051.60	0.81	0.67	-0.79	0.12	414,643.61	742,433.97
	527.00	0.20	349.72	527.00	2,872.60	1.25	0.71	-1.23	0.08	414,644.05	742,434.01
	684.00	0.10	355.92	684.00	2,715.60	1.66	0.65	-1.64	0.06	414,644.46	742,433.95
	868.00	0.10	322.22	868.00	2,531.60	1.94	0.54	-1.93	0.03	414,644.74	742,433.84
	1,052.00	0.70	343.22	1,051.99	2,347.61	3.15	0.11	-3.14	0.33	414,645.95	742,433.41
	1,202.00	0.60	324.82	1,201.98	2,197.62	4.67	-0.60	-4.68	0.15	414,647.47	742,432.70
	1,364.00	0.35	291.81	1,363.98	2,035.62	5.54	-1.55	-5.58	0.22	414,648.34	742,431.75
	1,456.00	0.44	272.91	1,455.97	1,943.63	5.67	-2.16	-5.72	0.17	414,648.47	742,431.14
	1,548.00	0.70	275.81	1,547.97	1,851.63	5.74	-3.08	-5.82	0.28	414,648.54	742,430.22
	1,640.00	0.62	229.58	1,639.96	1,759.64	5.47	-4.01	-5.58	0.57	414,648.27	742,429.29
	1,734.00	0.79	146.62	1,733.96	1,665.64	4.60	-4.04	-4.71	1.00	414,647.40	742,429.26
	1,828.00	0.70	128.42	1,827.95	1,571.65	3.71	-3.24	-3.79	0.27	414,646.51	742,430.06
	1,923.00	0.44	120.25	1,922.95	1,476.65	3.16	-2.47	-3.23	0.29	414,645.96	742,430.83
	2,017.00	0.18	118.67	2,016.95	1,382.65	2.91	-2.03	-2.96	0.28	414,645.71	742,431.27
	2,111.00	0.35	326.00	2,110.94	1,288.66	3.08	-2.06	-3.13	0.55	414,645.88	742,431.24
	2,206.00	0.53	319.67	2,205.94	1,193.66	3.65	-2.50	-3.72	0.20	414,646.45	742,430.80
	2,300.00	0.79	213.06	2,299.94	1,099.66	3.44	-3.14	-3.52	1.14	414,646.24	742,430.16
	2,395.00	0.97	219.92	2,394.93	1,004.67	2.27	-4.01	-2.38	0.22	414,645.07	742,429.29
	2,489.00	0.53	114.45	2,488.92	910.68	1.48	-4.13	-1.59	1.30	414,644.28	742,429.17

Company: EOG Resources, Inc.
 Project: Lea County
 Site: Vaca "14" Fed
 Well: #5H
 Wellbore: OH
 Design: OH

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

Well #5H
 WELL @ 3399.60usft (30' KB Correction)
 WELL @ 3399.60usft (30' KB Correction)
 Grid
 Minimum Curvature
 EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,583.00	1.06	81.58	2,582.91	816.69	1.43	-2.87	-1.51	0.72	414,644.23	742,430.43
2,678.00	1.49	84.83	2,677.89	721.71	1.67	-0.77	-1.69	0.46	414,644.47	742,432.53
2,773.00	0.62	99.33	2,772.87	626.73	1.70	0.96	-1.67	0.95	414,644.50	742,434.26
2,868.00	0.53	88.08	2,867.87	531.73	1.63	1.91	-1.58	0.15	414,644.43	742,435.21
2,963.00	0.88	72.96	2,962.86	436.74	1.86	3.05	-1.78	0.41	414,644.66	742,436.35
3,057.00	0.18	151.71	3,056.86	342.74	1.94	3.81	-1.84	0.92	414,644.74	742,437.11
3,152.00	0.35	124.20	3,151.85	247.75	1.65	4.12	-1.53	0.22	414,644.45	742,437.42
3,247.00	0.88	103.11	3,246.85	152.75	1.32	5.07	-1.18	0.60	414,644.12	742,438.37
3,341.00	1.67	94.06	3,340.83	58.77	1.06	7.14	-0.86	0.86	414,643.86	742,440.44
3,436.00	1.14	108.56	3,435.80	-36.20	0.66	9.42	-0.40	0.67	414,643.46	742,442.72
3,531.00	1.14	100.30	3,530.78	-131.18	0.19	11.24	0.12	0.17	414,642.99	742,444.54
3,625.00	1.23	100.21	3,624.76	-225.16	-0.16	13.15	0.51	0.10	414,642.64	742,446.45
3,720.00	1.32	89.66	3,719.73	-320.13	-0.33	15.25	0.74	0.26	414,642.47	742,448.55
3,815.00	1.32	89.93	3,814.71	-415.11	-0.32	17.44	0.80	0.01	414,642.48	742,450.74
3,909.00	1.32	84.65	3,908.88	-509.08	-0.22	19.60	0.75	0.13	414,642.58	742,452.90
4,002.00	0.97	80.78	4,001.87	-602.07	0.00	21.44	0.58	0.39	414,642.80	742,454.74
4,097.00	0.88	86.41	4,096.85	-697.05	0.18	22.97	0.44	0.13	414,642.98	742,456.27
4,191.00	0.70	89.66	4,190.84	-791.04	0.23	24.26	0.43	0.20	414,643.03	742,457.56
4,287.00	1.67	82.19	4,286.82	-887.02	0.42	26.23	0.29	1.02	414,643.22	742,459.53
4,381.00	3.08	85.35	4,380.54	-980.94	0.81	30.11	0.00	1.51	414,643.61	742,463.41
4,475.00	4.13	92.56	4,474.35	-1,074.75	0.87	36.01	0.11	1.21	414,643.67	742,469.31
4,570.00	5.28	92.12	4,569.03	-1,169.43	0.55	43.79	0.63	1.21	414,643.35	742,477.09
4,663.00	4.92	101.61	4,661.66	-1,262.06	-0.41	51.97	1.82	0.98	414,642.39	742,485.27
4,759.00	5.01	114.53	4,757.31	-1,357.71	-2.98	59.82	4.60	1.17	414,639.82	742,493.12
4,852.00	3.61	115.24	4,850.04	-1,450.44	-5.91	66.16	7.70	1.51	414,636.89	742,499.46
4,943.00	2.20	110.23	4,940.92	-1,541.32	-7.74	70.39	9.64	1.57	414,635.06	742,503.69
5,128.00	1.58	112.60	5,125.82	-1,726.22	-9.95	76.08	12.00	0.34	414,632.85	742,509.38

Company: Project: Site: Well: Wellbore: Design:			EOG Resources, Inc. Lea County Vaca "14" Fed #5H OH OH				Local Co-ordinate Reference TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:					Well #5H WELL @ 3399.60usft (30' KB Correction) WELL @ 3399.60usft (30' KB Correction) Grid Minimum Curvature EDM 5000.1 Single User Db			
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (°/100usft)	Northing (usft)	Easting (usft)					
5,222.00	1.58	112.07	5,219.79	-1,820.19	-10.93	78.48	13.05	0.02	414,631.87	742,511.78					
5,316.00	0.26	172.81	5,313.77	-1,914.17	-11.63	79.71	13.78	1.56	414,631.17	742,513.01					
5,410.00	0.09	117.61	5,407.77	-2,008.17	-11.88	79.80	14.03	0.24	414,630.92	742,513.10					
5,504.00	0.00	304.91	5,501.77	-2,102.17	-11.91	79.86	14.07	0.10	414,630.89	742,513.16					
5,599.00	0.18	227.74	5,596.77	-2,197.17	-12.01	79.75	14.16	0.19	414,630.79	742,513.05					
5,693.00	0.18	271.60	5,690.77	-2,291.17	-12.11	79.50	14.25	0.14	414,630.69	742,512.80					
5,852.00	0.44	290.37	5,849.77	-2,450.17	-11.89	78.67	14.01	0.17	414,630.91	742,511.97					
5,946.00	0.44	272.33	5,943.77	-2,544.17	-11.75	77.97	13.85	0.15	414,631.05	742,511.27					
6,041.00	0.26	286.50	6,038.76	-2,639.16	-11.67	77.40	13.76	0.21	414,631.13	742,510.70					
6,135.00	0.44	284.63	6,132.76	-2,733.16	-11.52	76.85	13.59	0.19	414,631.28	742,510.15					
6,230.00	0.35	282.01	6,227.76	-2,828.16	-11.37	76.21	13.42	0.10	414,631.43	742,509.51					
6,324.00	0.26	262.60	6,321.76	-2,922.16	-11.33	75.72	13.38	0.14	414,631.47	742,509.02					
6,418.00	0.53	277.74	6,415.76	-3,016.16	-11.30	75.08	13.33	0.31	414,631.50	742,508.38					
6,513.00	0.35	276.11	6,510.75	-3,111.15	-11.21	74.35	13.22	0.19	414,631.59	742,507.65					
6,607.00	0.53	282.99	6,604.75	-3,205.15	-11.08	73.65	13.07	0.20	414,631.72	742,506.95					
6,701.00	0.53	278.08	6,698.75	-3,299.15	-10.93	72.79	12.89	0.05	414,631.87	742,506.09					
6,796.00	0.62	278.08	6,793.74	-3,394.14	-10.79	71.85	12.73	0.09	414,632.01	742,505.15					
6,891.00	0.44	268.59	6,888.74	-3,489.14	-10.73	70.97	12.64	0.21	414,632.07	742,504.27					
6,985.00	0.62	263.91	6,982.73	-3,583.13	-10.79	70.11	12.68	0.20	414,632.01	742,503.41					
7,080.00	0.53	271.88	7,077.73	-3,678.13	-10.83	69.16	12.70	0.13	414,631.97	742,502.46					
7,175.00	0.62	285.71	7,172.72	-3,773.12	-10.68	68.22	12.52	0.17	414,632.12	742,501.52					
7,269.00	0.62	272.74	7,266.72	-3,867.12	-10.52	67.23	12.33	0.15	414,632.28	742,500.53					
7,363.00	0.70	268.30	7,360.71	-3,961.11	-10.51	66.14	12.29	0.10	414,632.29	742,499.44					
7,458.00	0.70	248.41	7,455.71	-4,056.11	-10.74	65.02	12.49	0.25	414,632.06	742,498.32					
7,552.00	1.06	231.62	7,549.69	-4,150.09	-11.49	63.81	13.21	0.47	414,631.31	742,497.11					
7,646.00	0.26	213.65	7,643.69	-4,244.09	-12.21	63.01	13.91	0.87	414,630.59	742,496.31					
7,741.00	0.62	196.54	7,738.68	-4,339.08	-12.88	62.74	14.57	0.40	414,629.92	742,496.04					

Company: EOG Resources, Inc.			Local Co-ordinate Reference:				Well #5H			
Project: Lea County			TVD Reference:				WELL @ 3399.60usft (30' KB Correction)			
Site: Vaca "14" Fed			MD Reference:				WELL @ 3399.60usft (30' KB Correction)			
Well: #5H			North Reference:				Grid			
Wellbore: OH			Survey Calculation Method:				Minimum Curvature			
Design: OH			Database:				EDM 5000.1 Single User Db			
Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,836.00	1.23	195.37	7,833.67	-4,434.07	-14.36	62.33	16.04	0.64	414,628.44	742,495.66
7,931.00	0.70	119.55	7,928.66	-4,529.06	-15.63	62.56	17.31	1.32	414,627.17	742,495.86
8,025.00	0.62	152.60	8,022.66	-4,623.06	-16.36	63.29	18.07	0.41	414,626.44	742,496.59
8,120.00	1.06	159.68	8,117.65	-4,718.05	-17.64	63.84	19.36	0.47	414,625.16	742,497.14
8,215.00	1.49	161.25	8,212.62	-4,813.02	-19.63	64.54	21.37	0.45	414,623.17	742,497.84
8,310.00	0.44	181.59	8,307.61	-4,908.01	-21.17	64.93	22.92	1.15	414,621.63	742,498.23
8,405.00	0.79	195.66	8,402.60	-5,003.00	-22.16	64.74	23.91	0.40	414,620.64	742,498.04
8,500.00	0.97	193.51	8,497.59	-5,097.99	-23.58	64.37	25.31	0.19	414,619.22	742,497.67
8,594.00	0.97	194.25	8,591.58	-5,191.98	-25.12	63.99	26.84	0.01	414,617.68	742,497.29
8,689.00	1.14	188.67	8,686.56	-5,286.96	-26.83	63.65	28.55	0.21	414,615.97	742,496.95
8,784.00	1.23	175.89	8,781.54	-5,381.94	-28.79	63.58	30.50	0.29	414,614.01	742,496.88
8,878.00	0.97	199.43	8,875.52	-5,475.92	-30.54	63.39	32.25	0.55	414,612.26	742,496.69
8,971.00	1.06	179.14	8,968.51	-5,568.91	-32.14	63.14	33.84	0.40	414,610.66	742,496.44
9,003.00	1.23	186.79	9,000.50	-5,600.90	-32.78	63.11	34.48	0.71	414,610.02	742,496.41
9,034.00	2.64	185.61	9,031.48	-5,631.88	-33.82	63.00	35.51	4.55	414,608.98	742,496.30
9,065.00	6.33	184.08	9,062.38	-5,662.78	-36.24	62.80	37.92	11.91	414,606.56	742,496.10
9,097.00	10.64	180.49	9,094.03	-5,694.43	-40.95	62.65	42.63	13.56	414,601.85	742,495.95
9,128.00	15.21	178.90	9,124.23	-5,724.63	-47.89	62.71	49.56	14.79	414,594.91	742,496.01
9,160.00	20.58	178.46	9,154.67	-5,755.07	-57.71	62.94	59.39	16.79	414,585.09	742,496.24
9,191.00	24.80	179.14	9,183.27	-5,783.67	-69.67	63.18	71.35	13.64	414,573.13	742,496.48
9,222.00	28.67	180.33	9,210.95	-5,811.35	-83.61	63.24	85.29	12.60	414,559.19	742,496.54
9,254.00	33.06	180.86	9,238.41	-5,838.81	-100.02	63.06	101.69	13.74	414,542.78	742,496.36
9,285.00	37.28	181.14	9,263.75	-5,864.15	-117.87	62.75	119.52	13.62	414,524.93	742,496.05
9,317.00	41.33	181.68	9,288.50	-5,888.90	-138.13	62.25	139.76	12.70	414,504.67	742,495.55
9,348.00	44.93	180.70	9,311.12	-5,911.52	-159.31	61.81	160.93	11.81	414,483.49	742,495.11
9,379.00	48.36	179.56	9,332.40	-5,932.80	-181.85	61.77	183.45	11.38	414,460.95	742,495.07
9,410.00	52.94	179.97	9,352.05	-5,952.45	-205.81	61.86	207.41	14.81	414,436.99	742,495.16

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MD (ustf)	Inc (°)	Azi (°)	TVD (ustf)	TVDSS (ustf)	NS (ustf)	E/W (ustf)	V. Sec (ustf)	D Leg (°/100ustf)	Northing (ustf)	Easting (ustf)	
9,442.00	58.21	180.15	9,370.14	-5,970.54	-232.20	61.83	233.79	16.48	414,410.60	742,495.13	
9,473.00	63.40	179.80	9,385.25	-5,985.65	-259.25	61.85	260.83	16.77	414,383.55	742,495.15	
9,505.00	69.47	178.77	9,398.04	-5,998.44	-288.57	62.22	290.15	19.20	414,354.23	742,495.52	
9,536.00	73.95	177.89	9,407.77	-6,008.17	-317.98	63.08	319.57	14.70	414,324.82	742,496.38	
9,567.00	76.33	178.11	9,415.72	-6,016.12	-347.92	64.13	349.53	7.71	414,294.88	742,497.43	
9,599.00	80.28	177.69	9,422.20	-6,022.60	-379.23	65.27	380.86	12.41	414,263.57	742,498.57	
9,631.00	84.06	177.54	9,426.56	-6,026.96	-410.90	66.59	412.55	11.82	414,231.90	742,499.89	
9,669.00	88.20	177.88	9,429.12	-6,029.52	-448.78	68.11	450.45	10.93	414,194.02	742,501.41	
9,700.00	88.72	178.22	9,429.96	-6,030.36	-479.75	69.16	481.44	2.00	414,163.05	742,502.46	
9,764.00	90.04	178.47	9,430.65	-6,031.05	-543.71	71.01	545.44	2.10	414,099.09	742,504.31	
9,858.00	89.96	178.88	9,430.65	-6,031.05	-637.69	73.18	639.44	0.44	414,005.11	742,506.48	
9,953.00	89.96	179.98	9,430.72	-6,031.12	-732.68	74.13	734.42	1.16	413,910.12	742,507.43	
10,047.00	90.75	180.35	9,430.13	-6,030.53	-826.68	73.86	828.38	0.93	413,816.12	742,507.16	
10,141.00	90.40	179.54	9,429.19	-6,029.59	-920.67	73.95	922.34	0.94	413,722.13	742,507.25	
10,235.00	88.72	178.79	9,429.91	-6,030.31	-1,014.66	75.32	1,016.32	1.96	413,628.14	742,508.62	
10,330.00	89.16	178.56	9,431.67	-6,032.07	-1,109.62	77.51	1,111.31	0.52	413,533.18	742,510.81	
10,425.00	89.08	177.75	9,433.13	-6,033.53	-1,204.55	80.57	1,206.29	0.86	413,438.25	742,513.87	
10,520.00	90.75	178.17	9,433.27	-6,033.67	-1,299.49	83.95	1,301.29	1.81	413,343.31	742,517.25	
10,616.00	90.92	178.64	9,431.87	-6,032.27	-1,395.44	86.63	1,397.28	0.52	413,247.36	742,519.93	
10,711.00	89.96	177.78	9,431.14	-6,031.54	-1,490.39	89.59	1,492.27	1.36	413,152.41	742,522.89	
10,806.00	90.40	178.48	9,430.84	-6,031.24	-1,585.34	92.69	1,587.27	0.87	413,057.46	742,525.99	
10,902.00	91.19	179.39	9,429.51	-6,029.91	-1,681.31	94.48	1,683.25	1.26	412,961.49	742,527.78	
10,997.00	90.04	178.31	9,428.49	-6,028.89	-1,776.28	96.38	1,778.24	1.66	412,866.52	742,529.68	
11,093.00	91.28	179.85	9,427.38	-6,027.78	-1,872.26	97.93	1,874.23	2.06	412,770.54	742,531.23	
11,188.00	89.96	179.15	9,426.36	-6,026.76	-1,967.25	98.75	1,969.20	1.57	412,675.55	742,532.05	
11,284.00	90.48	180.60	9,425.99	-6,026.39	-2,063.25	98.96	2,065.17	1.60	412,579.55	742,532.26	
11,379.00	90.04	179.78	9,425.56	-6,025.96	-2,158.24	98.65	2,160.12	0.98	412,484.56	742,531.95	

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #5H
Project:	Lea County	TVD Reference:	WELL @ 3399.60usft (30' KB Correction)
Site:	Vaca "14" Fed	MD Reference:	WELL @ 3399.60usft (30' KB Correction)
Well:	#5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	V_Sec (usft)	Dleg (°/100usft)	Northing (usft)	Easting (usft)
	11,475.00	90.40	178.92	9,425.19	-6,025.59	-2,254.24	99.74	2,256.11	0.97	412,388.56	742,533.04
	11,571.00	91.45	179.51	9,423.64	-6,024.04	-2,350.21	101.05	2,352.09	1.25	412,292.59	742,534.35
	11,666.00	91.28	179.18	9,421.38	-6,021.78	-2,445.18	102.14	2,447.05	0.39	412,197.62	742,535.44
	11,761.00	91.71	179.96	9,418.90	-6,019.30	-2,540.14	102.85	2,542.00	0.94	412,102.66	742,536.15
	11,857.00	90.48	178.93	9,417.06	-6,017.46	-2,636.12	103.78	2,637.96	1.67	412,006.68	742,537.08
	11,953.00	94.26	179.79	9,413.09	-6,013.49	-2,732.01	104.85	2,733.85	4.04	411,910.79	742,538.15
	12,049.00	90.92	180.27	9,408.76	-6,009.16	-2,827.90	104.80	2,829.70	3.51	411,814.90	742,538.10
	12,145.00	91.19	180.10	9,406.99	-6,007.39	-2,923.88	104.49	2,925.64	0.33	411,718.92	742,537.79
	12,240.00	91.36	180.37	9,404.87	-6,005.27	-3,018.86	104.10	3,020.57	0.34	411,623.94	742,537.40
	12,336.00	90.92	179.84	9,402.96	-6,003.36	-3,114.84	103.93	3,116.51	0.72	411,527.96	742,537.23
	12,432.00	87.05	177.96	9,404.66	-6,005.06	-3,210.78	105.77	3,212.47	4.48	411,432.02	742,539.07
	12,528.00	88.29	177.19	9,408.57	-6,008.97	-3,306.61	109.83	3,308.38	1.52	411,336.19	742,543.13
	12,623.00	89.87	176.83	9,410.09	-6,010.49	-3,401.47	114.78	3,403.33	1.71	411,241.33	742,548.08
	12,719.00	91.80	176.64	9,408.69	-6,009.09	-3,497.30	120.25	3,499.27	2.02	411,145.50	742,553.55
	12,815.00	87.67	174.53	9,409.14	-6,009.54	-3,592.99	127.64	3,595.13	4.83	411,049.81	742,560.94
	12,911.00	89.25	174.10	9,411.72	-6,012.12	-3,688.48	137.14	3,690.84	1.71	410,954.32	742,570.44
	13,006.00	88.81	175.86	9,413.33	-6,013.73	-3,783.10	145.45	3,785.65	1.91	410,859.70	742,578.75
	13,101.00	89.52	177.40	9,414.71	-6,015.11	-3,877.92	151.04	3,880.58	1.78	410,764.88	742,584.34
	13,196.00	93.12	179.45	9,412.52	-6,012.92	-3,972.84	153.65	3,975.54	4.36	410,669.96	742,586.95
	13,292.00	91.98	179.40	9,408.25	-6,008.65	-4,068.73	154.61	4,071.43	1.19	410,574.07	742,587.91
	13,388.00	90.75	178.90	9,405.96	-6,006.36	-4,164.69	156.04	4,167.39	1.38	410,478.11	742,589.34
	13,484.00	91.19	178.93	9,404.34	-6,004.74	-4,260.66	157.85	4,263.37	0.46	410,382.14	742,591.15
	13,579.00	89.96	177.32	9,403.39	-6,003.79	-4,355.60	160.96	4,358.36	2.13	410,287.20	742,594.26
	13,674.00	86.88	176.16	9,406.01	-6,006.41	-4,450.40	166.36	4,453.27	3.46	410,192.40	742,599.66
	13,769.00	87.85	176.54	9,410.37	-6,010.77	-4,545.11	172.40	4,548.11	1.10	410,097.69	742,605.70
	13,865.00	86.79	174.86	9,414.86	-6,015.26	-4,640.73	179.59	4,643.89	2.07	410,002.07	742,612.89
	13,961.00	86.44	174.40	9,420.53	-6,020.93	-4,736.14	188.56	4,739.50	0.60	409,906.66	742,621.86

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #5H
Project:	Lea County	TVD Reference:	WELL @ 3399.60usft (30' KB Correction)
Site:	Vaca "14" Fed	MD Reference:	WELL @ 3399.60usft (30' KB Correction)
Well:	#5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLag (°/100usft)	Northing (usft)	Easting (usft)
14,040.00	90.40	175.46	9,422.71	-6,023.11	-4,814.78	195.54	4,818.31	5.19	409,828.02	742,628.84
14,092.00	90.40	175.46	9,422.34	-6,022.74	-4,866.62	199.65	4,870.24	0.00	409,776.18	742,632.95
BHL-14092.00°MD,90.40°INC,175.46°AZI,9422.34°TVD,4870.24°VS,-4866.62°N,199.65°E										

Survey Annotations				Local Coordinates		Comment	
Measured Depth (usft)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)				
14,092.00	9,422.34	-4,866.62	199.65	BHL-14092.00°MD,90.40°INC,175.46°AZI,9422.34°TVD,4870.24°VS,-4866.62°			

Checked By: _____ Approved By: _____ Date: _____