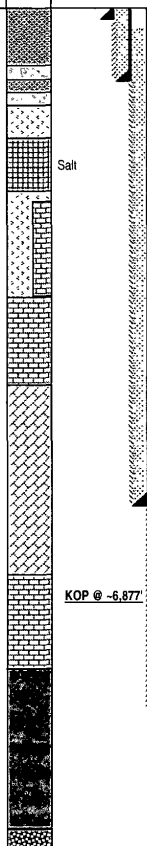


COMPLETION WELL SKETCH

30-015-37590

DEPTH (ft)	MARKERS (KB)	LITHOLOGY	OGRID: API: 30-015-37590 AFE: 104505 SPUD: 2/23/12 @ 18:00 hrs FRR: 3/18/12 @ 05:00 hrs RIG: Cactus #139	Elk Wallow 11 State #3H Wildcat (Bone Spring) Field Eddy County, New Mexico	SURF: 140' FNL & 1650' FWL LOC: Sec. 11 SURVEY: T-25-S, R-29-E GL: 3061.7' KB: 3086.7' ZERO: 25 0' AGL	HOLE SIZE	MW (ppg)	MUD	BHST (°F)	LOT (ppg)	EVALUATION
1,000'	Rustler - 620'		20" Conductor @ 80' Surface Casing @ 692' 13-3/8" 54.5# J-55 STC Cement w/ 600 sx Class C + 1.0% CaCl₂ + 0.25 pps Celloflake + 0.005 pps Static Free (14.8 ppg, 1.337 yld). Bump plug and circ 192 sx to surface Intermediate Casing @ 4,732' 9-5/8", 40#, J-55, LT&C (0' - 3,901') 9-5/8", 40#, HCK-55, LT&C (3,901' - 4,732') Cement w/ 1000 sx Class C + 2.0% SMS + 10.0% Salt + 1.20% R-3 + 0.25 pps Celloflake + 0.005 pps Static Free (12.7 ppg, 2.219 yld), followed by 200 sx Class C + 0.60% FL-62 + 0.60% CD-32 + 0.15% SMS + 0.35% R-3 (14.8 ppg, 1.334 yld) Bump plug w/ 1801 psi. Circ 10 bbls to surface, but PERFORATIONS by MD: 11,840; 11,780; 11,720; 11,660; 11,600; 11,540; 11,480; 11,420; 11,358; 11,300; 11,240; 11,180; 11,120; 11,062; 11,000; 10,940; 10,876; 10,820; 10,760; 10,700; 10,640; 10,580; 10,520; 10,460; 10,400; 10,340; 10,280; 10,224; 10,160; 10,100; 10,046; 9,980; 9,920; 9,858; 9,800; 9,740; 9,680; 9,620; 9,562; 9,500; 9,440; 9,385; 9,320; 9,260; 9,196; 9,140; 9,080; 9,018; 8,960; 8,900; 8,840; 8,780; 8,720; 8,660; 8,600; 8,544; 8,480; 8,420; 8,366; 8,300; 8,240; 8,176; 8,120; 8,060; 8,000; 7,940; 7,880; 7,820; 7,760; 7,702; 7,640; 7,580 Production Casing @ 11,870' MD, 7,332' TVD 5-1/2" 17# HCP-110 LTC (MJ @ 6616) Cement w/ 375 sx 60 40 0 Class C + 15 ppg BA-90 + 4% MPA-5 + 3% SMS + 5% A-10 + 1% BA-10A + 0.80% ASA-301 + 2.65% R-21 + 8 pps LCM-1 + 0.005 pps Staticfree, followed by 375 sx 50 50 10 Class H + 0.80% FL-52 + 0.40% ASA-301 + 0.50% SMS + 2.0% Salt + 0.40% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake (11.8 ppg, 2.383 yld), followed by 1300 sx 50 50 2 Class H + 0.65% FL-52 + 0.40% CD-32 + 0.25% SMS + 2.0% Salt (14.2 ppg, 1.278 yld). Lost returns - bump plug w/ 1722 psi. Rupture disk and over displace w/ 2 bbls. Did not circ cement to surface			17-1/2"	8.6	FW	86	N/A	
2,000'	T / Salado - 1340'					10.0					
3,000'	B / Salado - 2990' Lamar - 3190' Bell Canyon - 3220'					12-1/4"		Bime			
4,000'	Cherry Canyon - 4095'					10.2				NA	
5,000'	Brushy Canyon - 5350'								117		
6,000'						8.4				N/A	
7,000'	Bone Spring Lime - 6990'					8-3/4"		WBM			
8,000'	1st Bone Spring Sand - 7895'					9.3				140	
9,000'	PTD - ~7,355'										

Drig Eng. | R Willett
Date: | 7/19/2012

RECEIVED
AUG 16 2012
NMOCD ARTESIA

Drig Eng. R Willett
Date: 7/19/2012



EOG Resources, Inc.

Eddy County
Elk Wallow 11 State
#3H
OH

Design: OH

PathfinderX & Y Report

16 March, 2012

PATHFINDER®
A Schlumberger Company

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Site:	Elk Wallow 11 State	MD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Eddy County		
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		Elk Wallow 11 State					
Site Position:		Northing:	418,830.100	usft	Latitude:	32° 9' 3.367 N	
From:	Map	Easting:	615,001.000	usft	Longitude:	103° 57' 42.290 W	
Position Uncertainty:	0.0	usft	Slot Radius:	13-3/16	"	Grid Convergence:	0.20 °

Well		#3H				
Well Position	+N/-S	0.0 usft	Northing:	419,025.400 usft	Latitude:	32° 9' 5.189 N
	+E/-W	0.0 usft	Easting:	618,185.700 usft	Longitude:	103° 57' 5.237 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,061.7 usft

Wellbore		OH			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2/17/2012	7.66	60.06	48,506

Design		OH		
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0 0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	168.12

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Site:	Elk Wallow 11 State	MD Reference:	KB = 25 @ 3086 7usft (Cactus 139)
Well:	#3H	North Reference:	Gnd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey Program	Date 3/16/2012	
From (usft)	To (usft)	Survey (Wellbore)
100.0	613.0	Gyro #1 (OH)
789.0	11,890.0	MWD #1 (OH)
		Tool Name
		MWD
		Description
		MWD - Standard

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-3,086.7	0.0	0.0	0.0	0.00	419,025.40	618,185.70
100.0	0.18	256.71	100.0	-2,986.7	0.0	-0.2	0.0	0.18	419,025.36	618,185.55
200.0	0.40	260.29	200.0	-2,886.7	-0.1	-0.6	0.0	0.22	419,025.27	618,185.05
300.0	0.25	250.06	300.0	-2,786.7	-0.3	-1.2	0.0	0.16	419,025.14	618,184.50
400.0	0.17	257.56	400.0	-2,686.7	-0.4	-1.5	0.0	0.08	419,025.03	618,184.15
500.0	0.17	254.00	500.0	-2,586.7	-0.4	-1.8	0.1	0.01	419,024.96	618,183.86
600.0	0.26	282.63	600.0	-2,486.7	-0.4	-2.2	0.0	0.14	419,024.97	618,183.50
613.0	0.44	264.48	613.0	-2,473.7	-0.4	-2.3	0.0	1.61	419,024.97	618,183.42
789.0	0.18	264.94	789.0	-2,297.7	-0.5	-3.2	-0.2	0.15	419,024.88	618,182.47
974.0	0.18	44.29	974.0	-2,112.7	-0.3	-3.3	-0.3	0.18	419,025.06	618,182.39
1,160.0	0.26	215.10	1,160.0	-1,926.7	-0.5	-3.4	-0.2	0.24	419,024.92	618,182.35
1,344.0	0.44	139.07	1,344.0	-1,742.7	-1.4	-3.1	0.7	0.25	419,024.05	618,182.57
1,529.0	0.26	127.48	1,529.0	-1,557.7	-2.1	-2.3	1.6	0.10	419,023.26	618,183.37
1,716.0	0.53	102.11	1,716.0	-1,370.7	-2.6	-1.1	2.3	0.17	419,022.82	618,184.55
1,903.0	1.41	137.22	1,903.0	-1,183.7	-4.5	1.3	4.6	0.55	419,020.95	618,186.96
2,092.0	0.53	58.41	2,091.9	-994.8	-5.7	3.6	6.3	0.74	419,019.70	618,189.28
2,281.0	1.14	89.59	2,280.9	-805.8	-5.2	6.2	6.4	0.39	419,020.17	618,191.91
2,470.0	0.79	1.59	2,469.9	-616.8	-3.9	8.1	5.5	0.72	419,021.48	618,193.82
2,659.0	1.85	98.98	2,658.9	-427.8	-3.1	11.2	5.3	1.11	419,022.31	618,196.87
2,847.0	1.06	135.35	2,846.8	-239.9	-4.8	15.4	7.9	0.63	419,020.60	618,201.09
3,034.0	1.49	100.42	3,033.8	-52.9	-6.5	19.0	10.2	0.46	419,018.93	618,204.70

Company: EOG Resources, Inc		Local Co-ordinate Reference:		Well #3H	
Project: Eddy County		TVD Reference:		KB = 25 @ 3086 7usft (Cactus 139)	
Site: Elk Wallow 11 State		MD Reference:		KB = 25 @ 3086 7usft (Cactus 139)	
Well: #3H		North Reference:		Gnd	
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)	
3,222.0	0.70	298.26	3,221.7	135.0	-6.4	20.4	10.4	1.15	419,019.03	618,206.09	
3,409.0	0.97	280.85	3,408.7	322.0	-5.5	17.8	9.1	0.20	419,019.87	618,203.53	
3,598.0	0.88	256.74	3,597.7	511.0	-5.6	14.8	8.5	0.21	419,019.84	618,200.55	
3,786.0	0.44	285.83	3,785.7	699.0	-5.7	12.7	8.2	0.29	419,019.70	618,198.45	
3,974.0	0.35	314.68	3,973.7	887.0	-5.1	11.6	7.4	0.11	419,020.31	618,197.35	
4,161.0	0.53	280.53	4,160.7	1,074.0	-4.5	10.4	6.6	0.17	419,020.86	618,196.09	
4,350.0	0.62	286.83	4,349.7	1,263.0	-4.1	8.6	5.8	0.06	419,021.32	618,194.25	
4,539.0	0.70	256.93	4,538.6	1,451.9	-4.0	6.4	5.3	0.18	419,021.36	618,192.15	
4,679.0	0.97	258.81	4,678.6	1,591.9	-4.5	4.5	5.3	0.19	419,020.93	618,190.15	
4,799.0	0.70	246.00	4,798.6	1,711.9	-5.0	2.8	5.4	0.27	419,020.44	618,188.49	
4,988.0	0.62	228.02	4,987.6	1,900.9	-6.1	1.0	6.2	0.12	419,019.28	618,186.67	
5,175.0	0.53	205.30	5,174.6	2,087.9	-7.6	-0.1	7.4	0.13	419,017.82	618,185.55	
5,362.0	0.18	47.88	5,361.6	2,274.9	-8.2	-0.3	7.9	0.37	419,017.24	618,185.40	
5,552.0	0.18	154.65	5,551.6	2,464.9	-8.2	0.0	8.1	0.15	419,017.17	618,185.75	
5,741.0	0.53	171.15	5,740.6	2,653.9	-9.4	0.3	9.2	0.19	419,016.04	618,186.01	
5,930.0	0.62	161.97	5,929.6	2,842.9	-11.2	0.8	11.1	0.07	419,014.20	618,186.46	
6,118.0	0.35	187.83	6,117.6	3,030.9	-12.7	1.0	12.7	0.18	419,012.67	618,186.70	
6,308.0	0.26	359.00	6,307.6	3,220.9	-12.9	0.9	12.8	0.32	419,012.52	618,186.61	
6,496.0	0.18	100.38	6,495.6	3,408.9	-12.5	1.2	12.5	0.18	419,012.90	618,186.89	
6,684.0	0.44	129.13	6,683.6	3,596.9	-13.0	2.0	13.2	0.16	419,012.39	618,187.74	
6,778.0	0.53	124.26	6,777.6	3,690.9	-13.5	2.7	13.7	0.11	419,011.91	618,188.38	
6,807.0	0.62	146.61	6,806.6	3,719.9	-13.7	2.9	14.0	0.83	419,011.71	618,188.58	
6,838.0	2.02	164.53	6,837.6	3,750.9	-14.4	3.1	14.7	4.65	419,011.04	618,188.82	
KOP - 6838.0 'MD, 6837.6 'TVD, -14.4 'N, 3.1 'E											
6,870.0	4.66	171.00	6,869.5	3,782.8	-16.2	3.5	16.6	8.32	419,009.21	618,189.17	
6,901.0	8.44	172.34	6,900.3	3,813.6	-19.7	4.0	20.1	12.20	419,005.71	618,189.67	
6,932.0	13.63	172.38	6,930.7	3,844.0	-25.6	4.8	26.0	16.74	418,999.83	618,190.46	

Company: EOG Resources, Inc Project: Eddy County Site: Elk Wallow 11 State Well: #3H Wellbore: OH Design: OH			Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:					Well #3H KB = 25 @ 3086.7usft (Cactus 139) KB = 25 @ 3086.7usft (Cactus 139) Gnd Minimum Curvature 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)	
6,963.0	18.99	171.84	6,960.5	3,873.8	-34.2	6.0	34.7	17.30	418,991.22	618,191.66	
6,995.0	23.04	172.58	6,990.3	3,903.6	-45.6	7.5	46.1	12.68	418,979.85	618,193.21	
7,027.0	25.59	174.78	7,019.5	3,932.8	-58.6	8.9	59.2	8.46	418,966.75	618,194.65	
7,058.0	28.58	177.70	7,047.1	3,960.4	-72.7	9.9	73.2	10.55	418,952.67	618,195.56	
7,089.0	32.62	181.54	7,073.8	3,987.1	-88.5	9.9	88.6	14.47	418,936.90	618,195.63	
7,120.0	36.67	184.29	7,099.3	4,012.6	-106.1	9.0	105.7	14.00	418,919.31	618,194.71	
7,151.0	39.66	184.65	7,123.6	4,036.9	-125.2	7.5	124.0	9.67	418,900.22	618,193.22	
7,183.0	42.56	184.30	7,147.7	4,061.0	-146.2	5.9	144.2	9.09	418,879.24	618,191.58	
7,214.0	45.64	183.85	7,170.0	4,083.3	-167.7	4.3	165.0	9.99	418,857.73	618,190.05	
7,245.0	49.07	183.24	7,191.0	4,104.3	-190.4	2.9	187.0	11.16	418,834.97	618,188.64	
7,277.0	53.73	182.87	7,210.9	4,124.2	-215.4	1.6	211.1	14.59	418,810.01	618,187.31	
7,309.0	59.00	182.30	7,228.7	4,142.0	-242.0	0.4	236.9	16.54	418,783.40	618,186.11	
7,340.0	62.34	182.11	7,243.8	4,157.1	-269.0	-0.6	263.1	10.79	418,756.40	618,185.07	
7,372.0	64.63	182.55	7,258.1	4,171.4	-297.6	-1.8	290.9	7.26	418,727.79	618,183.91	
7,403.0	67.27	183.20	7,270.8	4,184.1	-325.9	-3.2	318.2	8.73	418,699.52	618,182.49	
7,435.0	69.82	183.59	7,282.5	4,195.8	-355.6	-5.0	347.0	8.05	418,669.79	618,180.72	
7,466.0	72.46	184.06	7,292.5	4,205.8	-384.9	-6.9	375.2	8.64	418,640.52	618,178.76	
7,498.0	76.06	185.05	7,301.2	4,214.5	-415.6	-9.4	404.7	11.64	418,609.83	618,176.32	
7,530.0	79.84	185.57	7,307.8	4,221.1	-446.7	-12.3	434.6	11.92	418,578.67	618,173.42	
7,561.0	82.48	185.77	7,312.6	4,225.9	-477.2	-15.3	463.8	8.54	418,548.19	618,170.39	
7,591.0	85.30	185.67	7,315.8	4,229.1	-506.9	-18.3	492.3	9.41	418,518.51	618,167.42	
7,623.0	86.53	185.43	7,318.1	4,231.4	-538.7	-21.4	522.7	3.92	418,486.74	618,164.33	
7,655.0	87.14	185.71	7,319.9	4,233.2	-570.5	-24.5	553.2	2.10	418,454.94	618,161.23	
7,682.0	87.49	185.95	7,321.1	4,234.4	-597.3	-27.2	578.9	1.57	418,428.11	618,158.49	
7,749.0	91.45	186.11	7,321.7	4,235.0	-663.9	-34.2	642.6	5.92	418,361.50	618,151.46	
LP - 7749.0 'MD, 7321.7 'TVD, -663.9 'N, -34.2 'E											
7,781.0	91.80	186.33	7,320.8	4,234.1	-695.7	-37.7	673.0	1.29	418,329.70	618,147.99	

Company: EOG Resources, Inc		Local Co-ordinate Reference:		Well #3H	
Project: Eddy County		TVD Reference:		KB = 25 @ 3086.7usft (Cactus 139)	
Site: Elk Wallow 11 State		MD Reference:		KB = 25 @ 3086.7usft (Cactus 139)	
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)	
7,876.0	91.01	186.02	7,318.5	4,231.8	-790.1	-47.9	763.3	0.89	418,235.28	618,137.78	
7,969.0	90.40	185.74	7,317.4	4,230.7	-882.6	-57.5	851.9	0.72	418,142.78	618,128.25	
8,064.0	89.60	185.21	7,317.4	4,230.7	-977.2	-66.5	942.6	1.01	418,048.21	618,119.19	
8,158.0	89.87	183.30	7,317.8	4,231.1	-1,070.9	-73.5	1,032.9	2.05	417,954.48	618,112.21	
8,253.0	90.75	184.19	7,317.3	4,230.6	-1,165.7	-79.7	1,124.3	1.32	417,859.68	618,106.01	
8,347.0	89.60	184.66	7,317.0	4,230.3	-1,259.4	-86.9	1,214.6	1.32	417,765.97	618,098.75	
8,441.0	89.25	183.84	7,317.9	4,231.2	-1,353.2	-93.9	1,304.8	0.95	417,672.23	618,091.79	
8,535.0	89.87	181.52	7,318.7	4,232.0	-1,447.1	-98.3	1,395.8	2.55	417,578.34	618,087.39	
8,630.0	91.01	181.57	7,317.9	4,231.2	-1,542.0	-100.9	1,488.2	1.20	417,483.38	618,084.83	
8,725.0	88.72	181.94	7,318.1	4,231.4	-1,637.0	-103.8	1,580.5	2.44	417,388.43	618,081.92	
8,827.0	89.16	181.89	7,320.0	4,233.3	-1,738.9	-107.2	1,679.6	0.43	417,286.51	618,078.52	
8,921.0	89.25	182.07	7,321.3	4,234.6	-1,832.8	-110.4	1,770.8	0.21	417,192.57	618,075.27	
9,015.0	90.66	183.26	7,321.4	4,234.7	-1,926.7	-114.8	1,861.8	1.96	417,098.68	618,070.90	
9,108.0	89.60	183.06	7,321.2	4,234.5	-2,019.6	-119.9	1,951.6	1.16	417,005.82	618,065.77	
9,203.0	88.02	182.31	7,323.2	4,236.5	-2,114.4	-124.4	2,043.5	1.84	416,910.95	618,061.32	
9,298.0	88.29	182.00	7,326.2	4,239.5	-2,209.3	-127.9	2,135.7	0.43	416,816.07	618,057.75	
9,392.0	89.16	182.21	7,328.3	4,241.6	-2,303.2	-131.4	2,226.9	0.95	416,722.15	618,054.30	
9,485.0	89.34	181.87	7,329.5	4,242.8	-2,396.2	-134.7	2,317.1	0.41	416,629.22	618,050.99	
9,579.0	89.16	181.61	7,330.8	4,244.1	-2,490.1	-137.6	2,408.5	0.34	416,535.27	618,048.13	
9,673.0	89.25	180.47	7,332.1	4,245.4	-2,584.1	-139.3	2,500.1	1.22	416,441.30	618,046.43	
9,766.0	92.42	179.90	7,330.7	4,244.0	-2,677.1	-139.6	2,591.0	3.46	416,348.32	618,046.13	
9,861.0	91.80	180.16	7,327.2	4,240.5	-2,772.0	-139.6	2,683.9	0.71	416,253.39	618,046.08	
9,950.0	92.77	178.61	7,323.7	4,237.0	-2,860.9	-138.7	2,771.1	2.05	416,164.47	618,047.03	
10,044.0	91.36	179.81	7,320.3	4,233.6	-2,954.9	-137.4	2,863.3	1.97	416,070.54	618,048.33	
10,139.0	92.86	180.08	7,316.8	4,230.1	-3,049.8	-137.3	2,956.2	1.60	415,975.61	618,048.42	
10,233.0	92.77	181.61	7,312.2	4,225.5	-3,143.7	-138.7	3,047.8	1.63	415,881.73	618,047.03	
10,328.0	89.78	181.97	7,310.1	4,223.4	-3,238.6	-141.6	3,140.1	3.17	415,786.82	618,044.07	

Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Site:	Elk Wallow 11 State	MD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Well:	#3H	North Reference:	Grd
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)	
10,422.0	90.66	182.38	7,309.7	4,223.0	-3,332.5	-145.2	3,231.2	1.03	415,692.89	618,040.50	
10,517.0	91.01	182.68	7,308.3	4,221.6	-3,427.4	-149.4	3,323.2	0.49	415,597.99	618,036.31	
10,611.0	89.69	183.40	7,307.7	4,221.0	-3,521.3	-154.4	3,414.1	1.60	415,504.12	618,031.32	
10,706.0	89.78	183.46	7,308.2	4,221.5	-3,616.1	-160.1	3,505.7	0.11	415,409.30	618,025.64	
10,801.0	88.64	182.24	7,309.5	4,222.8	-3,711.0	-164.8	3,597.6	1.76	415,314.43	618,020.92	
10,895.0	89.25	181.20	7,311.2	4,224.5	-3,804.9	-167.6	3,688.9	1.28	415,220.49	618,018.09	
10,989.0	88.29	181.83	7,313.2	4,226.5	-3,898.9	-170.1	3,780.3	1.22	415,126.54	618,015.61	
11,084.0	88.99	182.08	7,315.5	4,228.8	-3,993.8	-173.3	3,872.5	0.78	415,031.62	618,012.37	
11,178.0	90.31	182.13	7,316.1	4,229.4	-4,087.7	-176.8	3,963.7	1.41	414,937.69	618,008.92	
11,272.0	87.67	181.44	7,317.7	4,231.0	-4,181.6	-179.7	4,055.1	2.90	414,843.76	618,005.99	
11,366.0	88.37	182.15	7,321.0	4,234.3	-4,275.5	-182.7	4,146.3	1.06	414,749.86	618,003.05	
11,460.0	89.43	182.44	7,322.8	4,236.1	-4,369.4	-186.4	4,237.5	1.17	414,655.96	617,999.28	
11,555.0	88.72	182.31	7,324.3	4,237.6	-4,464.3	-190.4	4,329.5	0.76	414,561.05	617,995.35	
11,650.0	89.69	181.52	7,325.6	4,238.9	-4,559.3	-193.5	4,421.8	1.32	414,466.12	617,992.17	
11,744.0	88.64	178.90	7,327.0	4,240.3	-4,653.3	-193.9	4,513.7	3.00	414,372.14	617,991.83	
11,838.0	87.49	177.54	7,330.2	4,243.5	-4,747.2	-191.0	4,606.2	1.89	414,278.24	617,994.75	
11,890.0	87.49	177.54	7,332.5	4,245.8	-4,799.1	-188.7	4,657.4	0.00	414,226.34	617,996.98	
BHL - 11890.0 'MD, 7332.5 'TVD, -4799.1 'N, -188.7 'E											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,838.0	6,837.6	-14.4	3.1	KOP - 6838.0 'MD, 6837.6 'TVD, -14.4 'N, 3.1 'E
7,749.0	7,321.7	-663.9	-34.2	LP - 7749.0 'MD, 7321.7 'TVD, -663.9 'N, -34.2 'E
11,890.0	7,332.5	-4,799.1	-188.7	BHL - 11890.0 'MD, 7332.5 'TVD, -4799.1 'N, -188.7 'E

Company:	EOG Resources, Inc	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Site:	Elk Wallow 11 State	MD Reference:	KB = 25 @ 3086.7usft (Cactus 139)
Well:	#3H	North Reference:	Gnd
Weilbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Checked By: _____ Approved By: _____ Date: _____