

Results of Directional Survey

API number:	30-025-36929		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	PITCHBLENDE FEDERAL COM # 1H

surface	ULSTR:	E	27	T	25S	R	34E
				2200	FNL	660	FWL

BH Loc	ULSTR:	D	34	T	25S	R	34E
11935	MD	9094.5	TVD	1525	FNL	946	FWL

Top Perf/OH	ULSTR:	L	27	T	25S	R	34E
9420	MD	9079.9	TVD	2926	FNL	832	FWL

Bot Perf/OH	ULSTR:	D	34	T	25S	R	34E
11875	MD	9092.8	TVD	7715	FNL	942	FWL

	MD	N/S	E/W	VD
	9414	-719.63	171.35	9079.65
TOP PERFS/OH	9420	-725.62	171.56	9079.93
	9446	-751.57	172.48	9081.15
	11806	-3108.41	277.49	9091.38
BOT PERFS/OH	11875	-3177.25	281.94	9092.75
	11885	-3187.23	282.59	9092.95

NEXT TO LAST	11885	-3187.23	282.59	9092.95
LAST READING	11935	-3237.07	286.24	9094.45
TD	11935	-3237.07	286.24	9094.45

Surface Location	2200	FN	660	FW
Projected BHL	5437	FN	946	FW
Location of				
Top Perfs/OH	2926	FN	832	FW
Bottom Perfs/OH	5377	FN	942	FW

SUMMARY of Subsurface Locations

Surface Location	E-27-25S-34E	2200	FN	660	FW	Vert. Depth
Top Perfs/OH	L-27-25S-34E	2926	FN	832	FW	9079.93
Bottom Perfs/OH	D-34-25S-34E	5377	FN	942	FW	9092.75
Projected TD	D-34-25S-34E	5437	FN	946	FW	9094.45



SUR: E-27-25s-34e, 2200/N & 660/W
BHL: D-34-25s-34e, 5437/N & 946/W
API # 30-025-36929

EOG Resources, Inc.

Lea County
Pitchblende 27 Fed Com
1H
OH

HOBBS OCD

SEP 29 2011

Design: OH

RECEIVED

Pathfinder X&Y Report

21 July, 2011

PATHFINDER®
A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Pitchblende 27 Fed Com
Well: 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well 1H
TVD Reference: KB=30' @ 3336.20usft (Cactus 123)
MD Reference: KB=30' @ 3336.20usft (Cactus 123)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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

Site: Pitchblende 27 Fed Com

Site Position:	Northing:	402,131.500 usft	Latitude:	32° 6' 9.326 N
From: Map	Easting:	769,262.900 usft	Longitude:	103° 27' 49.585 W
Position Uncertainty: 0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.46 °

Well: 1H

Well Position	+N/-S	0.00 usft	Northing:	402,131.500 usft	Latitude:	32° 6' 9.326 N
	+E/-W	0.00 usft	Easting:	769,262.900 usft	Longitude:	103° 27' 49.585 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,317.20 usft

Wellbore: OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	1/31/2011	7.56	60.12	48,628

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 (°)
	0.00	0.00	0.00	175.93



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

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Survey Program Date 7/21/2011

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.00	8,500.00	Survey #1 - Gyro (OH)	CB-GYRO-MS	Camera based gyro multishot
8,538.00	11,935.00	Survey #2 - MWD (OH)	MWD	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)
0.00	0.00	0.00	0.00	-3,336.20	0.00	0.00	0.00	0.00	402,131.50	769,262.90
100.00	0.24	243.73	100.00	-3,236.20	-0.09	-0.19	0.08	0.24	402,131.41	769,262.71
200.00	0.45	218.29	200.00	-3,136.20	-0.49	-0.62	0.45	0.26	402,131.01	769,262.28
300.00	0.78	174.24	299.99	-3,036.21	-1.48	-0.79	1.42	0.55	402,130.02	769,262.11
400.00	1.06	170.71	399.98	-2,936.22	-3.07	-0.58	3.02	0.29	402,128.43	769,262.32
500.00	1.23	164.09	499.96	-2,836.24	-5.01	-0.13	4.99	0.22	402,126.49	769,262.77
600.00	1.78	165.04	599.92	-2,736.28	-7.55	0.56	7.57	0.55	402,123.95	769,263.46
700.00	1.72	162.70	699.88	-2,636.32	-10.48	1.41	10.55	0.09	402,121.02	769,264.31
800.00	1.72	166.51	799.83	-2,536.37	-13.37	2.21	13.50	0.11	402,118.13	769,265.11
900.00	1.79	169.58	899.79	-2,436.41	-16.37	2.84	16.53	0.12	402,115.13	769,265.74
1,000.00	1.72	164.77	999.74	-2,336.46	-19.35	3.52	19.55	0.16	402,112.15	769,266.42
1,100.00	1.73	162.76	1,099.69	-2,236.51	-22.24	4.36	22.49	0.06	402,109.26	769,267.26
1,200.00	1.60	162.21	1,199.65	-2,136.55	-25.01	5.23	25.32	0.13	402,106.49	769,268.13
1,300.00	1.51	163.43	1,299.61	-2,036.59	-27.60	6.03	27.96	0.10	402,103.90	769,268.93
1,400.00	1.41	160.70	1,399.58	-1,936.62	-30.03	6.82	30.44	0.12	402,101.47	769,269.72
1,500.00	1.52	161.13	1,499.55	-1,836.65	-32.44	7.65	32.91	0.11	402,099.06	769,270.55
1,600.00	1.47	157.24	1,599.52	-1,736.68	-34.88	8.58	35.40	0.11	402,096.62	769,271.48
1,700.00	1.36	156.02	1,699.49	-1,636.71	-37.15	9.55	37.73	0.11	402,094.35	769,272.45
1,800.00	1.37	157.59	1,799.46	-1,536.74	-39.34	10.49	39.98	0.04	402,092.16	769,273.39
1,900.00	1.32	153.88	1,899.43	-1,436.77	-41.48	11.46	42.19	0.10	402,090.02	769,274.36
2,000.00	1.25	154.29	1,999.40	-1,336.80	-43.50	12.44	44.27	0.07	402,088.00	769,275.34

Company: EOG Resources, Inc.
Project: Lea County
Site: Pitchblende 27 Fed Com
Well: 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well 1H
TVD Reference: KB=30' @ 3336.20usft (Cactus 123)
MD Reference: KB=30' @ 3336.20usft (Cactus 123)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
2,100.00	1.31	156.00	2,099.38	-1,236.82	-45.52	13.37	46.36	0.07	402,085.98	769,276.27
2,200.00	1.24	154.47	2,199.35	-1,136.85	-47.54	14.31	48.44	0.08	402,083.96	769,277.21
2,300.00	1.17	145.79	2,299.33	-1,036.87	-49.36	15.35	50.33	0.20	402,082.14	769,278.25
2,400.00	1.09	145.44	2,399.31	-936.89	-50.99	16.46	52.03	0.08	402,080.51	769,279.36
2,500.00	1.05	141.92	2,499.30	-836.90	-52.50	17.56	53.61	0.08	402,079.00	769,280.46
2,600.00	1.16	127.46	2,599.28	-736.92	-53.83	18.93	55.04	0.30	402,077.67	769,281.83
2,700.00	1.02	117.02	2,699.26	-636.94	-54.85	20.53	56.17	0.24	402,076.65	769,283.43
2,800.00	1.23	106.37	2,799.24	-536.96	-55.56	22.35	57.01	0.30	402,075.94	769,285.25
2,900.00	1.29	99.87	2,899.22	-436.98	-56.06	24.49	57.65	0.15	402,075.44	769,287.39
3,000.00	1.44	96.14	2,999.19	-337.01	-56.38	26.85	58.15	0.17	402,075.12	769,289.75
3,100.00	1.71	90.45	3,099.15	-237.05	-56.53	29.59	58.49	0.31	402,074.97	769,292.49
3,200.00	1.80	85.15	3,199.10	-137.10	-56.41	32.65	58.58	0.19	402,075.09	769,295.55
3,300.00	1.98	80.55	3,299.05	-37.15	-55.99	35.92	58.40	0.24	402,075.51	769,298.82
3,400.00	1.96	84.52	3,398.99	62.79	-55.54	39.32	58.20	0.14	402,075.96	769,302.22
3,500.00	2.13	84.88	3,498.93	162.73	-55.22	42.88	58.12	0.17	402,076.28	769,305.78
3,600.00	2.03	83.25	3,598.86	262.66	-54.84	46.49	58.00	0.12	402,076.66	769,309.39
3,700.00	1.73	99.98	3,698.81	362.61	-54.89	49.73	58.29	0.62	402,076.61	769,312.63
3,800.00	2.03	107.33	3,798.75	462.55	-55.68	52.91	59.30	0.38	402,075.82	769,315.81
3,900.00	2.33	105.94	3,898.68	562.48	-56.77	56.55	60.64	0.30	402,074.73	769,319.45
4,000.00	2.45	110.12	3,998.59	662.39	-58.06	60.51	62.21	0.21	402,073.44	769,323.41
4,100.00	2.63	113.99	4,098.49	762.29	-59.73	64.62	64.17	0.25	402,071.77	769,327.52
4,200.00	3.06	117.31	4,198.37	862.17	-61.89	69.09	66.64	0.46	402,069.61	769,331.99
4,300.00	3.39	117.93	4,298.21	962.01	-64.50	74.07	69.59	0.33	402,067.00	769,336.97
4,400.00	3.81	118.08	4,398.02	1,061.82	-67.45	79.61	72.93	0.42	402,064.05	769,342.51
4,500.00	4.24	116.62	4,497.77	1,161.57	-70.67	85.85	76.58	0.44	402,060.83	769,348.75
4,600.00	4.28	117.11	4,597.49	1,261.29	-74.02	92.48	80.40	0.05	402,057.48	769,355.38
4,700.00	4.34	112.66	4,697.21	1,361.01	-77.18	99.29	84.03	0.34	402,054.32	769,362.19

Company:	EOG Resources, Inc.	Local Co-ordinate Reference:	Well 1H
Project:	Lea County	TVD Reference:	KB=30' @ 3336.20usft (Cactus 123)
Site:	Pitchblende 27 Fed Com	MD Reference:	KB=30' @ 3336.20usft (Cactus 123)
Well:	1H	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)	
4,800.00	3.95	110.88	4,796.95	1,460.75	-79.87	106.00	87.19	0.41	402,051.63	769,368.90	
4,900.00	3.40	108.72	4,896.74	1,560.54	-82.05	112.03	89.79	0.57	402,049.45	769,374.93	
5,000.00	2.95	114.05	4,996.59	1,660.39	-84.05	117.18	92.15	0.54	402,047.45	769,380.08	
5,100.00	2.71	112.03	5,096.47	1,760.27	-85.98	121.73	94.41	0.26	402,045.52	769,384.63	
5,200.00	1.98	112.01	5,196.38	1,860.18	-87.52	125.52	96.20	0.73	402,043.98	769,388.42	
5,300.00	1.47	114.64	5,296.34	1,960.14	-88.70	128.29	97.58	0.52	402,042.80	769,391.19	
5,400.00	1.22	122.25	5,396.31	2,060.11	-89.80	130.35	98.83	0.31	402,041.70	769,393.25	
5,500.00	1.30	126.66	5,496.28	2,160.08	-91.05	132.16	100.20	0.13	402,040.45	769,395.06	
5,600.00	1.29	122.19	5,596.26	2,260.06	-92.32	134.02	101.60	0.10	402,039.18	769,396.92	
5,700.00	1.23	124.43	5,696.24	2,360.04	-93.53	135.86	102.94	0.08	402,037.97	769,398.76	
5,800.00	1.20	126.24	5,796.21	2,460.01	-94.76	137.59	104.28	0.05	402,036.74	769,400.49	
5,900.00	1.07	123.71	5,896.19	2,559.99	-95.89	139.21	105.53	0.14	402,035.61	769,402.11	
6,000.00	0.98	127.49	5,996.18	2,659.98	-96.93	140.67	106.67	0.11	402,034.57	769,403.57	
6,100.00	1.03	128.06	6,096.16	2,759.96	-98.01	142.06	107.84	0.05	402,033.49	769,404.96	
6,200.00	0.90	138.30	6,196.15	2,859.95	-99.15	143.29	109.07	0.22	402,032.35	769,406.19	
6,300.00	0.89	144.19	6,296.14	2,959.94	-100.36	144.26	110.35	0.09	402,031.14	769,407.16	
6,400.00	0.79	142.85	6,396.12	3,059.92	-101.54	145.13	111.59	0.10	402,029.96	769,408.03	
6,500.00	0.71	143.81	6,496.12	3,159.92	-102.59	145.92	112.69	0.08	402,028.91	769,408.82	
6,600.00	0.70	149.08	6,596.11	3,259.91	-103.62	146.59	113.76	0.07	402,027.88	769,409.49	
6,700.00	0.75	150.41	6,696.10	3,359.90	-104.71	147.23	114.90	0.05	402,026.79	769,410.13	
6,800.00	0.76	159.87	6,796.09	3,459.89	-105.90	147.78	116.12	0.12	402,025.60	769,410.68	
6,900.00	0.76	152.81	6,896.08	3,559.88	-107.11	148.31	117.37	0.09	402,024.39	769,411.21	
7,000.00	0.71	159.35	6,996.07	3,659.87	-108.28	148.84	118.57	0.10	402,023.22	769,411.74	
7,100.00	0.81	183.49	7,096.07	3,759.87	-109.57	149.01	119.87	0.33	402,021.93	769,411.91	
7,200.00	0.80	174.33	7,196.06	3,859.86	-110.97	149.04	121.27	0.13	402,020.53	769,411.94	
7,300.00	0.71	175.32	7,296.05	3,959.85	-112.28	149.16	122.58	0.09	402,019.22	769,412.06	
7,400.00	0.67	177.26	7,396.04	4,059.84	-113.48	149.24	123.79	0.05	402,018.02	769,412.14	

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Design: OH

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7,500.00	0.78	171.18	7,496.03	4,159.83	-114.74	149.37	125.05	0.13	402,016.76	769,412.27
7,600.00	0.80	170.01	7,596.02	4,259.82	-116.10	149.59	126.42	0.03	402,015.40	769,412.49
7,700.00	0.86	170.22	7,696.01	4,359.81	-117.53	149.84	127.87	0.06	402,013.97	769,412.74
7,800.00	1.02	169.80	7,796.00	4,459.80	-119.14	150.13	129.50	0.16	402,012.36	769,413.03
7,900.00	1.10	171.00	7,895.98	4,559.78	-120.97	150.43	131.34	0.08	402,010.53	769,413.33
8,000.00	1.19	168.74	7,995.96	4,659.76	-122.93	150.79	133.32	0.10	402,008.57	769,413.69
8,100.00	1.36	172.71	8,095.94	4,759.74	-125.13	151.14	135.54	0.19	402,006.37	769,414.04
8,200.00	1.54	168.96	8,195.91	4,859.71	-127.62	151.55	138.06	0.20	402,003.88	769,414.45
8,300.00	1.52	173.36	8,295.87	4,959.67	-130.26	151.96	140.72	0.12	402,001.24	769,414.86
8,400.00	1.51	176.31	8,395.83	5,059.63	-132.89	152.20	143.36	0.08	401,998.61	769,415.10
8,500.00	1.52	176.84	8,495.80	5,159.60	-135.53	152.36	146.00	0.02	401,995.97	769,415.26
KOP - 8500.00' MD, 8495.80' TVD, 135.53°N, 152.36°E										
8,538.00	2.46	180.21	8,533.78	5,197.58	-136.85	152.38	147.32	2.49	401,994.65	769,415.28
8,570.00	5.36	176.78	8,565.70	5,229.50	-139.03	152.46	149.50	9.09	401,992.47	769,415.36
8,602.00	9.06	177.22	8,597.44	5,261.24	-143.04	152.67	153.52	11.56	401,988.46	769,415.57
8,634.00	13.54	177.92	8,628.81	5,292.61	-149.30	152.93	159.78	14.01	401,982.20	769,415.83
8,666.00	18.38	180.56	8,659.57	5,323.37	-158.10	153.01	168.56	15.29	401,973.40	769,415.91
8,698.00	21.98	181.52	8,689.60	5,353.40	-169.13	152.80	179.55	11.30	401,962.37	769,415.70
8,730.00	24.36	180.64	8,719.02	5,382.82	-181.72	152.57	192.09	7.52	401,949.78	769,415.47
8,762.00	27.35	178.36	8,747.81	5,411.61	-195.67	152.71	206.02	9.85	401,935.83	769,415.61
8,794.00	30.78	176.25	8,775.78	5,439.58	-211.19	153.46	221.55	11.19	401,920.31	769,416.36
8,825.00	34.03	176.25	8,801.95	5,465.75	-227.77	154.54	238.16	10.48	401,903.73	769,417.44
8,857.00	37.20	176.07	8,827.96	5,491.76	-246.36	155.79	256.79	9.91	401,885.14	769,418.69
8,889.00	39.66	175.72	8,853.02	5,516.82	-266.20	157.22	276.68	7.72	401,865.30	769,420.12
8,921.00	41.68	175.28	8,877.29	5,541.09	-286.98	158.85	297.54	6.38	401,844.52	769,421.75
8,953.00	44.85	175.55	8,900.59	5,564.39	-308.84	160.61	319.46	9.92	401,822.66	769,423.51
8,985.00	47.48	177.74	8,922.76	5,586.56	-331.88	161.95	342.54	9.59	401,799.62	769,424.85

Company: EOG Resources, Inc.
Project: Lea County
Site: Pitchblende 27 Fed Com
Well: 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well 1H
TVD Reference: KB=30' @ 3336.20usft (Cactus 123)
MD Reference: KB=30' @ 3336.20usft (Cactus 123)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
9,017.00	48.98	178.01	8,944.07	5,607.87	-355.73	162.83	366.39	4.73	401,775.77	769,425.73
9,049.00	51.09	177.74	8,964.62	5,628.42	-380.24	163.74	390.90	6.63	401,751.26	769,426.64
9,081.00	54.87	177.83	8,983.89	5,647.69	-405.77	164.73	416.43	11.81	401,725.73	769,427.63
9,112.00	59.00	178.62	9,000.80	5,664.60	-431.73	165.53	442.39	13.49	401,699.77	769,428.43
9,144.00	61.91	178.62	9,016.58	5,680.38	-459.55	166.20	470.19	9.09	401,671.95	769,429.10
9,176.00	65.51	179.33	9,030.75	5,694.55	-488.24	166.71	498.84	11.42	401,643.26	769,429.61
9,208.00	69.82	179.85	9,042.90	5,706.70	-517.83	166.92	528.37	13.55	401,613.67	769,429.82
9,240.00	73.25	179.50	9,053.04	5,716.84	-548.17	167.09	558.65	10.77	401,583.33	769,429.99
9,272.00	76.85	178.36	9,061.29	5,725.09	-579.08	167.67	589.52	11.76	401,552.42	769,430.57
9,304.00	79.40	178.71	9,067.88	5,731.68	-610.38	168.47	620.80	8.04	401,521.12	769,431.37
9,336.00	82.31	178.97	9,072.96	5,736.76	-641.97	169.11	652.35	9.13	401,489.53	769,432.01
9,368.00	85.38	178.27	9,076.39	5,740.19	-673.77	169.88	684.13	9.84	401,457.73	769,432.78
9,382.00	85.65	178.18	9,077.49	5,741.29	-687.72	170.31	698.07	2.03	401,443.78	769,433.21
9,414.00	86.61	178.10	9,079.65	5,743.45	-719.63	171.35	729.97	3.01	401,411.87	769,434.25
9,446.00	88.02	177.83	9,081.15	5,744.95	-751.57	172.48	761.92	4.49	401,379.93	769,435.38
LP - 9446.00'MD; 9081.15'TVD; -751.57'N, 172.48'E										
9,478.00	88.90	176.34	9,082.01	5,745.81	-783.52	174.11	793.90	5.41	401,347.98	769,437.01
9,510.00	88.72	175.90	9,082.67	5,746.47	-815.44	176.27	825.89	1.49	401,316.06	769,439.17
9,605.00	90.57	177.22	9,083.26	5,747.06	-910.26	181.97	920.88	2.39	401,221.24	769,444.87
9,701.00	88.46	177.22	9,084.07	5,747.87	-1,006.14	186.63	1,016.85	2.20	401,125.36	769,449.53
9,797.00	87.41	176.51	9,087.53	5,751.33	-1,101.93	191.87	1,112.77	1.32	401,029.57	769,454.77
9,892.00	88.20	177.22	9,091.17	5,754.97	-1,196.72	197.07	1,207.68	1.12	400,934.78	769,459.97
9,987.00	87.49	177.57	9,094.74	5,758.54	-1,291.55	201.38	1,302.59	0.83	400,839.95	769,464.28
10,083.00	89.69	176.43	9,097.10	5,760.90	-1,387.38	206.40	1,398.53	2.58	400,744.12	769,469.30
10,179.00	90.66	176.95	9,096.81	5,760.61	-1,483.22	211.95	1,494.52	1.15	400,648.28	769,474.85
10,274.00	91.28	176.25	9,095.20	5,759.00	-1,578.04	217.58	1,589.50	0.98	400,553.46	769,480.48
10,370.00	91.28	176.07	9,093.06	5,756.86	-1,673.80	224.01	1,685.48	0.19	400,457.70	769,486.91

Company: EOG Resources, Inc.
 Project: Lea County
 Site: Pitchblende 27 Fed Corn
 Well: 1H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well 1H
 TVD Reference: KB=30' @ 3336.20usft (Cactus 123)
 MD Reference: KB=30' @ 3336.20usft (Cactus 123)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 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)
10,465.00	91.54	175.55	9,090.72	5,754.52	-1,768.52	230.95	1,780.45	0.61	400,362.98	769,493.85
10,560.00	91.19	178.01	9,088.46	5,752.26	-1,863.33	236.28	1,875.40	2.61	400,268.17	769,499.18
10,656.00	91.63	177.83	9,086.10	5,749.90	-1,959.24	239.76	1,971.31	0.50	400,172.26	769,502.66
10,752.00	90.48	177.83	9,084.33	5,748.13	-2,055.15	243.40	2,067.24	1.20	400,076.35	769,506.30
10,802.00	90.48	177.83	9,083.91	5,747.71	-2,105.11	245.29	2,117.21	0.00	400,026.39	769,508.19
10,847.00	91.54	177.66	9,083.12	5,746.92	-2,150.07	247.06	2,162.18	2.39	399,981.43	769,509.96
10,943.00	90.04	177.39	9,081.79	5,745.59	-2,245.97	251.21	2,258.14	1.59	399,885.53	769,514.11
11,039.00	88.64	179.85	9,082.90	5,746.70	-2,341.93	253.52	2,354.01	2.95	399,789.57	769,516.42
11,135.00	88.72	178.80	9,085.11	5,748.91	-2,437.89	254.65	2,449.82	1.10	399,693.61	769,517.55
11,231.00	89.69	178.71	9,086.44	5,750.24	-2,533.86	256.73	2,545.69	1.01	399,597.64	769,519.63
11,327.00	90.04	178.62	9,086.67	5,750.47	-2,629.83	258.97	2,641.58	0.38	399,501.67	769,521.87
11,422.00	89.78	178.71	9,086.82	5,750.62	-2,724.81	261.18	2,736.47	0.29	399,406.69	769,524.08
11,518.00	88.90	178.18	9,087.92	5,751.72	-2,820.76	263.79	2,832.37	1.07	399,310.74	769,526.69
11,614.00	89.34	177.39	9,089.40	5,753.20	-2,916.68	267.50	2,928.31	0.94	399,214.82	769,530.40
11,710.00	89.43	176.95	9,090.43	5,754.23	-3,012.56	272.24	3,024.28	0.47	399,118.94	769,535.14
11,806.00	89.43	176.78	9,091.38	5,755.18	-3,108.41	277.49	3,120.26	0.18	399,023.09	769,540.39
11,885.00	88.29	175.81	9,092.95	5,756.75	-3,187.23	282.59	3,199.24	1.89	398,944.27	769,545.49
11,935.00	88.29	175.81	9,094.45	5,758.25	-3,237.07	286.24	3,249.22	0.00	398,894.43	769,549.14
BHL - 11935.00'MD, 9094.45'TVD', -3237.07'N, 286.24'E - PBHL (P27)										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
8,500.00	8,495.80	-135.53	152.36	KOP - 8500.00'MD, 8495.80'TVD', -135.53'N, 152.36'E
9,446.00	9,081.15	-751.57	172.48	LP - 9446.00'MD, 9081.15'TVD', -751.57'N, 172.48'E
11,935.00	9,094.45	-3,237.07	286.24	BHL - 11935.00'MD, 9094.45'TVD', -3237.07'N, 286.24'E



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

Company: EOG Resources, Inc.
Project: Lea County
Site: Pitchblende 27 Fed Com
Well: 1H
Wellbore: OH
Design: OH

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

Well 1H
KB=30' @ 3336.20usft (Cactus 123)
KB=30' @ 3336.20usft (Cactus 123)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Checked By: _____ Approved By: _____ Date: _____