



EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Funky Monks 8 Fed Com
#601H
OH

Design: OH

Midland PVA

17 October, 2018

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Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #601H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25' @ 3388.0usft
Site:	Funky Monks 8 Fed Com	MD Reference:	KB= 25' @ 3388.0usft
Well:	#601H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Funky Monks 8 Fed Com		
Site Position:		Northing:	480,869.00 usft
From:	Map	Easting:	830,539.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 19' 6.632 N
		Longitude:	103° 23' 49.764 W
		Grid Convergence:	0.50 °

Well	#601H		
Well Position	+N-S	0.0 usft	Northing:
	+E-W	0.0 usft	Easting:
Position Uncertainty		0.0 usft	Wellhead Elevation:
			usft
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	10/16/2017	6.78
			Dip Angle
			(°)
			Field Strength
			(mT)

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

Survey Program	Date 10/17/2018		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
148.0	18,938.0	Newsco MWD (OH)	MWD
			Description
			OWSG MWD - Standard



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Well:	#601H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Asl (eodmuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
148.0	1.80	299.40	148.0	1.1	-2.0	1.22	1.22	0.00	0.0	0.0
298.0	1.50	292.20	297.9	3.0	-5.9	0.24	-0.20	-4.80	0.0	0.0
478.0	1.40	259.50	477.9	3.5	-10.2	0.46	-0.06	-18.17	0.0	0.0
631.0	1.50	289.30	630.8	3.2	-14.1	0.17	0.07	6.41	0.0	0.0
693.0	1.70	254.20	692.8	2.9	-15.8	0.75	0.32	-24.35	0.0	0.0
874.0	1.70	234.20	873.7	0.6	-20.5	0.33	0.00	-11.05	0.0	0.0
1,056.0	1.20	257.70	1,055.7	-1.4	-24.6	0.42	-0.27	12.91	0.0	0.0
1,237.0	0.30	190.00	1,236.6	-2.3	-26.5	0.62	-0.50	-37.40	0.0	0.0
1,417.0	0.70	96.40	1,416.6	-2.8	-25.5	0.43	0.22	-52.00	0.0	0.0
1,601.0	1.70	82.60	1,600.6	-2.6	-21.7	0.56	0.54	-7.50	0.0	0.0
1,790.0	1.90	91.00	1,789.5	-2.3	-15.8	0.17	0.11	4.44	0.0	0.0
1,942.0	2.10	95.90	1,941.4	-2.6	-10.5	0.17	0.13	3.22	0.0	0.0
2,065.0	2.90	94.70	2,064.3	-3.1	-5.1	0.65	0.65	-0.98	-3.4	0.0
2,254.0	2.80	93.50	2,253.1	-3.8	4.2	0.06	-0.05	-0.63	-12.8	-0.2
2,443.0	2.80	96.20	2,441.8	-4.6	13.4	0.07	0.00	1.43	-22.1	0.6
2,633.0	2.80	90.70	2,631.6	-5.1	22.7	0.14	0.00	-2.89	-31.3	-1.9
2,821.0	1.40	94.80	2,819.5	-5.4	29.6	0.75	-0.74	2.18	-38.2	0.7
3,010.0	1.60	97.20	3,008.4	-5.9	34.5	0.11	0.11	1.27	-43.1	2.3
3,198.0	1.00	34.30	3,196.4	-4.9	38.0	0.77	-0.32	-33.46	-24.6	-39.6
3,387.0	1.80	36.50	3,385.3	-1.1	40.7	0.42	0.42	1.16	-30.7	-38.6
3,576.0	1.40	44.00	3,574.2	2.9	44.1	0.24	-0.21	3.97	-40.7	-33.9
3,764.0	2.10	60.50	3,762.1	6.3	48.7	0.46	0.37	8.78	-54.3	-20.3
3,954.0	1.80	17.90	3,952.0	10.8	52.6	0.76	-0.16	-22.42	-31.8	-54.0
4,142.0	1.90	11.60	4,139.9	16.7	54.1	0.12	0.05	-3.35	-31.7	-57.5
4,331.0	2.70	356.60	4,328.8	24.2	54.5	0.53	0.42	-7.94	-20.3	-64.3
4,520.0	5.60	347.20	4,517.3	37.6	52.2	1.57	1.53	-4.97	-9.0	-63.7



Midland PVA

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Site:	Funky Monks B Fed Com	MD Reference:	KB= 25' @ 3388.0usft
Well:	#601H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	BuId (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,709.0	5.60	348.20	4,705.4	55.6	48.3	0.05	0.00	0.53	-9.3	-58.6	
4,897.0	5.60	348.60	4,892.5	73.6	44.6	0.02	0.00	0.21	-9.0	-54.0	
5,086.0	5.30	347.70	5,080.6	91.2	40.9	0.17	-0.16	-0.48	-6.9	-49.3	
5,274.0	5.40	350.00	5,267.8	108.4	37.5	0.13	0.05	1.22	-7.2	-44.6	
5,464.0	5.40	349.90	5,457.0	126.0	34.4	0.00	0.00	-0.05	-5.6	-40.4	
5,568.0	5.70	347.70	5,560.5	135.9	32.4	0.35	0.29	-2.12	-3.5	-38.1	
5,737.0	5.30	349.60	5,728.7	151.7	29.2	0.26	-0.24	1.12	-3.7	-33.9	
5,927.0	3.10	331.20	5,918.2	164.9	25.2	1.34	-1.16	-9.68	10.8	-25.9	
6,116.0	2.90	333.10	6,106.9	173.6	20.6	0.12	-0.11	1.01	14.5	-18.1	
6,176.0	2.90	333.10	6,166.8	176.3	19.2	0.00	0.00	0.00	13.9	-16.8	
6,305.0	2.90	333.80	6,295.7	182.2	16.3	0.03	0.00	0.54	8.8	-16.0	
6,494.0	2.50	294.90	6,484.5	188.2	10.4	0.97	-0.21	-20.58	9.1	-9.9	
6,683.0	1.40	250.80	6,673.4	189.2	4.5	0.94	-0.58	-23.33	8.2	-3.7	
6,872.0	1.40	247.20	6,862.3	187.5	0.2	0.05	0.00	-1.90	3.8	-3.3	
7,061.0	1.30	245.70	7,051.3	185.7	-3.9	0.06	-0.05	-0.79	-0.6	-3.3	
7,250.0	1.20	248.20	7,240.2	184.1	-7.7	0.06	-0.05	1.32	-4.9	-3.1	
7,439.0	1.20	261.40	7,429.2	183.1	-11.5	0.15	0.00	6.98	-9.4	-1.5	
7,627.0	0.80	226.40	7,617.2	181.9	-14.4	0.38	-0.21	-18.62	-9.7	-7.7	
7,816.0	0.90	222.60	7,806.1	179.9	-16.3	0.06	0.05	-2.01	-12.0	-8.4	
8,006.0	0.90	275.80	7,996.1	178.9	-18.8	0.42	0.00	28.00	-16.3	5.8	
8,195.0	0.90	290.20	8,185.1	179.6	-21.7	0.12	0.00	7.62	-17.3	10.0	
8,383.0	0.90	291.40	8,373.1	180.8	-24.5	0.01	0.00	0.64	-20.0	10.4	
8,571.0	1.00	53.90	8,561.1	182.1	-24.5	0.89	0.05	65.16	18.7	12.6	
8,760.0	0.90	59.20	8,750.0	183.9	-21.9	0.07	-0.05	2.80	16.6	10.9	
8,949.0	1.00	314.40	8,939.0	185.8	-21.8	0.80	0.05	-55.45	-16.1	11.9	
9,138.0	1.90	275.50	9,128.0	187.2	-26.1	0.68	0.48	-20.58	-24.4	-1.9	
9,327.0	0.00	112.90	9,316.9	187.5	-29.2	1.01	-1.01	0.00	-4.5	27.2	



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Well:	#801H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (")	Asl (azimuth) (")	TVD (usft)	N/S (usft)	E/W (usft)	DLog ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)	
9,515.0	1.80	64.10	9,504.9	188.8	-26.6	0.86	0.96	0.00	19.5	16.0	
9,705.0	1.60	75.40	9,694.8	190.8	-21.3	0.20	-0.11	5.95	16.7	12.4	
9,894.0	1.50	57.90	9,883.7	192.8	-16.7	0.25	-0.05	-9.26	7.2	16.1	
10,083.0	1.30	51.50	10,072.7	195.4	-12.9	0.13	-0.11	-3.39	0.8	16.5	
10,271.0	0.20	57.70	10,260.7	196.9	-10.9	0.59	-0.59	3.30	0.1	16.6	
10,460.0	1.00	282.40	10,449.7	197.5	-12.3	0.61	0.42	-71.59	-13.1	-11.9	
10,649.0	0.80	112.20	10,638.7	197.3	-12.7	0.95	-0.11	-90.05	15.3	9.2	
10,743.0	1.10	125.50	10,732.6	196.6	-11.3	0.39	0.32	14.15	15.5	5.6	
10,827.0	2.69	172.08	10,816.6	194.1	-10.4	2.49	1.89	55.45	12.2	-6.8	
KOP 10827.0' MD; 10816.6' TVD; 194.1'; -10.4'; 2.69											
10,886.0	3.60	178.00	10,855.5	192.0	-10.2	2.49	2.35	15.18	9.3	-7.9	
10,913.0	10.90	177.30	10,902.1	186.1	-10.0	15.53	15.53	-1.49	4.1	-7.8	
10,961.0	17.30	178.60	10,948.7	174.4	-9.6	13.35	13.33	2.71	-3.4	-7.7	
11,008.0	19.90	178.50	10,993.2	159.4	-9.2	5.53	5.53	-0.21	-10.5	-7.6	
11,055.0	22.90	180.40	11,037.0	142.3	-9.1	6.55	6.38	4.04	-16.2	-7.2	
11,077.4	26.00	179.65	11,057.3	133.0	-9.1	13.89	13.82	-3.34	-18.6	-7.5	
FTP Crossing 11077.4' MD; 11057.3' TVD; 133.0'; -9.1'; 26.00											
11,102.0	29.40	179.00	11,078.1	121.6	-8.9	13.89	13.84	-2.65	-21.5	-7.7	
11,149.0	34.70	178.70	11,118.9	96.6	-8.4	11.28	11.28	-0.64	-27.8	-7.6	
11,196.0	37.80	179.10	11,156.8	68.9	-7.9	6.61	6.60	0.85	-33.6	-7.2	
11,243.0	39.00	177.10	11,193.7	39.7	-8.9	3.67	2.55	-4.26	-36.9	-7.5	
11,290.0	41.90	178.60	11,229.4	9.2	-5.8	6.51	6.17	3.19	-38.0	-5.9	
11,338.0	46.10	178.90	11,264.0	-24.1	-5.0	8.76	8.75	0.62	-37.8	-5.3	
11,385.0	50.80	179.60	11,295.1	-59.3	-4.6	10.06	10.00	1.49	-37.1	-4.9	
11,432.0	55.30	178.50	11,323.4	-96.8	-4.0	9.76	9.57	-2.34	-35.9	-5.0	
11,479.0	58.40	177.40	11,349.1	-136.1	-2.5	6.88	6.60	-2.34	-33.8	-4.2	
11,527.0	60.00	180.50	11,373.7	-177.3	-1.8	6.47	3.33	6.46	-29.5	-3.1	



Midland PVA

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Well:	#801H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Asl (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
11,574.0	64.70	180.80	11,395.5	-219.0	-2.3	10.02	10.00	0.64	-23.7	-4.0	
11,621.0	70.40	179.10	11,413.4	-262.4	-2.2	12.58	12.13	-3.62	-18.2	-4.6	
11,668.0	73.80	177.60	11,427.8	-307.1	-0.9	7.85	7.23	-3.19	-12.4	-3.8	
11,715.0	75.70	176.90	11,440.2	-352.4	1.2	4.29	4.04	-1.49	-5.0	-2.0	
11,762.0	79.50	176.60	11,450.3	-398.2	3.8	8.11	8.09	-0.64	3.6	0.2	
11,814.0	82.10	177.19	11,458.6	-449.4	6.6	5.12	5.00	1.13	10.9	2.5	
11,908.0	85.29	177.36	11,468.9	-542.8	11.1	3.40	3.39	0.18	19.5	6.1	
12,003.0	86.47	177.28	11,475.8	-637.4	15.5	1.24	1.24	-0.08	24.5	9.6	
12,098.0	89.37	177.98	11,479.2	-732.2	19.4	3.14	3.05	0.74	26.1	12.6	
12,192.0	89.13	177.89	11,480.4	-826.2	22.8	0.27	-0.26	-0.10	25.6	15.1	
12,286.0	89.75	176.84	11,481.4	-920.1	27.1	1.30	0.66	-1.12	24.7	18.5	
12,381.0	89.20	176.13	11,482.2	-1,014.9	33.0	0.85	-0.58	-0.75	23.8	23.4	
12,475.0	94.14	178.59	11,479.5	-1,108.7	37.3	5.87	5.26	2.62	19.2	26.8	
12,569.0	94.96	181.85	11,472.0	-1,202.4	36.9	3.57	0.87	3.47	9.9	25.6	
12,664.0	95.68	181.76	11,463.2	-1,296.9	33.9	0.76	0.76	-0.09	-0.7	21.6	
12,758.0	95.70	180.79	11,453.9	-1,390.5	31.9	1.03	0.02	-1.03	-11.7	18.7	
12,852.0	94.54	182.20	11,445.5	-1,484.0	29.4	1.94	-1.23	1.50	-21.8	15.3	
12,947.0	94.01	181.85	11,438.4	-1,578.7	26.1	0.67	-0.56	-0.37	-30.7	11.1	
13,042.0	91.18	182.11	11,434.1	-1,673.6	22.8	2.99	-2.98	0.27	-36.8	6.9	
13,136.0	87.48	181.32	11,435.2	-1,767.5	20.0	4.02	-3.94	-0.84	-37.5	3.2	
13,231.0	86.54	181.76	11,440.2	-1,862.3	17.4	1.09	-0.99	0.46	-34.4	-0.3	
13,325.0	86.12	180.53	11,446.2	-1,958.1	15.6	1.38	-0.45	-1.31	-30.1	-3.1	
13,420.0	87.44	180.26	11,451.5	-2,051.0	14.9	1.42	1.39	-0.28	-26.6	-4.7	
13,514.0	88.67	178.15	11,454.7	-2,144.9	16.2	2.60	1.31	-2.24	-25.2	-4.3	
13,609.0	90.41	175.96	11,455.5	-2,239.8	21.1	2.94	1.83	-2.31	-26.2	-0.3	
13,703.0	90.23	175.60	11,455.0	-2,333.5	28.0	0.43	-0.19	-0.38	-28.6	5.6	
13,797.0	89.77	175.87	11,455.0	-2,427.2	35.0	0.57	-0.49	0.29	-30.4	11.7	



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
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13,892.0	90.01	175.96	11,455.1	-2,522.0	41.8	0.27	0.25	0.09	-32.0	17.6	
13,986.0	90.32	178.24	11,454.9	-2,615.9	46.5	2.45	0.33	2.43	-34.0	21.5	
14,081.0	89.68	181.05	11,454.9	-2,710.9	47.1	3.03	-0.67	2.96	-35.8	21.2	
14,175.0	89.13	182.29	11,455.9	-2,804.8	44.4	1.44	-0.59	1.32	-36.6	17.5	
14,270.0	86.93	182.99	11,459.1	-2,899.6	40.0	2.43	-2.32	0.74	-35.2	12.2	
14,364.0	86.54	182.37	11,464.5	-2,993.4	35.6	0.78	-0.41	-0.86	-31.6	7.0	
14,458.0	86.30	180.44	11,470.3	-3,087.2	33.3	2.07	-0.26	-2.05	-27.5	3.7	
14,553.0	86.74	177.89	11,476.1	-3,182.0	34.7	2.72	0.46	-2.88	-23.5	4.2	
14,648.0	86.63	178.07	11,481.6	-3,276.8	38.0	0.22	-0.12	0.19	-19.9	6.6	
14,742.0	89.53	180.00	11,484.8	-3,370.7	39.6	3.71	3.09	2.05	-18.5	7.3	
14,836.0	89.07	179.82	11,485.9	-3,464.7	39.8	0.53	-0.49	-0.19	-19.1	6.5	
14,931.0	90.34	179.39	11,486.4	-3,559.7	40.4	1.41	1.34	-0.45	-20.4	6.3	
15,025.0	89.48	179.39	11,486.5	-3,653.7	41.4	0.91	-0.91	0.00	-22.1	6.3	
15,120.0	90.16	179.39	11,486.8	-3,748.7	42.4	0.72	0.72	0.00	-23.6	6.4	
15,214.0	89.62	178.24	11,487.0	-3,842.6	44.4	1.35	-0.57	-1.22	-25.2	7.5	
15,309.0	89.99	178.24	11,487.3	-3,937.6	47.3	0.39	0.39	0.00	-26.7	9.5	
15,403.0	87.40	180.88	11,489.5	-4,031.5	48.0	3.93	-2.76	2.81	-26.1	9.3	
15,498.0	87.75	179.47	11,493.5	-4,126.5	47.7	1.53	0.37	-1.48	-23.4	8.1	
15,592.0	89.07	179.12	11,496.1	-4,220.4	48.9	1.45	1.40	-0.37	-22.0	8.3	
15,687.0	90.30	178.59	11,496.6	-4,315.4	50.8	1.41	1.29	-0.56	-22.7	9.3	
15,781.0	90.10	177.63	11,496.3	-4,409.3	53.9	1.04	-0.21	-1.02	-24.3	11.5	
15,876.0	87.35	177.10	11,498.4	-4,504.2	58.2	2.95	-2.89	-0.56	-23.4	14.9	
15,970.0	88.52	178.33	11,501.8	-4,598.1	62.0	1.81	1.24	1.31	-21.2	17.8	
16,064.0	90.45	180.53	11,502.6	-4,692.0	62.9	3.11	2.05	2.34	-21.6	17.8	
16,159.0	86.60	178.51	11,505.1	-4,787.0	63.7	4.58	-4.05	-2.13	-20.4	17.7	
16,253.0	92.05	180.88	11,506.2	-4,880.9	64.2	6.32	5.80	2.52	-20.5	17.3	
16,348.0	90.76	180.44	11,503.9	-4,975.9	63.1	1.43	-1.36	-0.46	-24.1	15.3	

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #601H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25' @ 3388.0usft
Site:	Funky Monks 8 Fed Com	MD Reference:	KB= 25' @ 3388.0usft
	#601H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/G (usft)	BAW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
16,443.0	90.76	180.35	11,502.6	-5,070.9	62.5	0.09	0.00	-0.09	-26.6	13.7	
16,537.0	90.82	180.35	11,501.3	-5,164.9	61.9	0.06	0.06	0.00	-29.1	12.2	
16,631.0	90.10	180.18	11,500.6	-5,258.9	61.5	0.79	-0.77	-0.18	-31.1	10.9	
16,726.0	90.43	179.21	11,500.1	-5,353.9	62.0	1.08	0.35	-1.02	-32.8	10.5	
16,821.0	89.40	178.95	11,500.3	-5,448.9	63.5	1.12	-1.08	-0.27	-33.9	11.1	
16,915.0	87.97	178.77	11,502.4	-5,542.8	65.4	1.53	-1.52	-0.19	-32.9	12.0	
17,009.0	86.67	178.24	11,506.8	-5,636.7	67.8	1.49	-1.38	-0.56	-29.8	13.6	
17,104.0	87.31	177.72	11,511.8	-5,731.5	71.2	0.87	0.67	-0.55	-26.0	16.0	
17,198.0	89.35	178.42	11,514.5	-5,825.4	74.3	2.29	2.17	0.74	-24.5	18.3	
17,293.0	89.95	178.15	11,515.1	-5,920.3	77.2	0.69	0.63	-0.28	-25.2	20.2	
17,388.0	86.74	176.40	11,517.9	-6,015.2	81.7	3.85	-3.38	-1.84	-23.7	23.7	
17,482.0	87.42	175.69	11,522.7	-6,108.8	88.1	1.05	0.72	-0.76	-20.2	29.3	
17,576.0	91.90	177.19	11,523.2	-6,202.6	94.0	5.03	4.77	1.60	-20.8	34.3	
17,671.0	93.46	181.32	11,518.8	-6,297.5	95.2	4.64	1.64	4.35	-26.5	34.6	
17,765.0	92.78	180.44	11,513.7	-6,391.3	93.8	1.18	-0.72	-0.94	-32.8	32.3	
17,859.0	90.89	180.97	11,510.6	-6,485.3	92.6	2.09	-2.01	0.56	-37.0	30.2	
17,954.0	90.19	181.67	11,509.7	-6,580.2	90.4	1.04	-0.74	0.74	-39.2	27.1	
18,048.0	89.35	181.58	11,510.1	-6,674.2	87.8	0.90	-0.89	-0.10	-40.0	23.5	
18,143.0	88.98	181.76	11,511.5	-6,769.2	85.0	0.43	-0.39	0.19	-39.9	19.8	
18,238.0	90.60	180.70	11,511.9	-6,864.1	83.0	2.04	1.71	-1.12	-40.8	16.9	
18,332.0	90.87	180.09	11,510.6	-6,958.1	82.3	0.71	0.29	-0.65	-43.2	15.3	
18,426.0	91.02	180.53	11,509.1	-7,052.1	81.8	0.49	0.16	0.47	-46.0	13.9	
18,521.0	90.87	179.56	11,507.5	-7,147.1	81.7	1.03	-0.16	-1.02	-48.8	12.9	
18,615.0	91.48	178.33	11,505.6	-7,241.0	83.5	1.46	0.85	-1.31	-52.0	13.7	
18,710.0	93.44	178.15	11,501.5	-7,335.9	86.4	2.07	2.06	-0.19	-57.3	15.8	
18,804.0	94.56	178.40	11,495.0	-7,429.6	90.8	2.21	1.19	-1.86	-65.1	19.3	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #801H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25' @ 3388.0usft
Site:	Funky Monks 8 Fed Com	MD Reference:	KB= 25' @ 3388.0usft
Well:	#801H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (")	Azi (azimuth) (")	TVD (usft)	N/S (usft)	E/W (usft)	DLeg. ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)	
18,848.0	95.09	174.90	11,491.3	-7,473.3	94.2	3.60	1.20	-3.41	-69.3	22.2	
Last MWD Survey (MD = 18848.0)											
18,938.0	95.09	174.90	11,483.3	-7,562.6	102.1	0.00	0.00	0.00	-78.5	29.3	
Projection to Bit (MD = 18938.0)											

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
10,827.0	10,816.6	194.1	-10.4	KOP 10827.0' MD; 10816.6' TVD; 194.1'; -10.4'; 2.69	
11,077.4	11,057.3	133.0	-9.1	FTP Crossing 11077.4' MD; 11057.3' TVD; 133.0'; -9.1'; 26.00	
18,848.0	11,491.3	-7,473.3	94.2	Last MWD Survey (MD = 18848.0)	
18,938.0	11,483.3	-7,562.6	102.1	Projection to Bit (MD = 18938.0)	

Checked By: _____	Approved By: _____	Date: _____
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