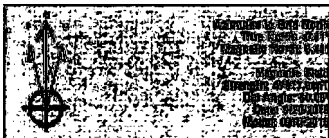




Lea County, NM (NAD 83 NME)

Area 4 State #302H

Plan #2



To convert a Magnetic Direction to a Grid Direction, Add 8.41°
To convert a Magnetic Direction to a True Direction, Add 6.82° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #302H

Ground Level: 3581.0
KB= 25 @ 3808.0usft
Northing 462491.00 Easting 776984.00 32° 14' 30.058 N 103° 34' 27.695 W

SECTION DETAILS

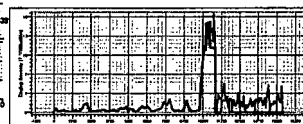
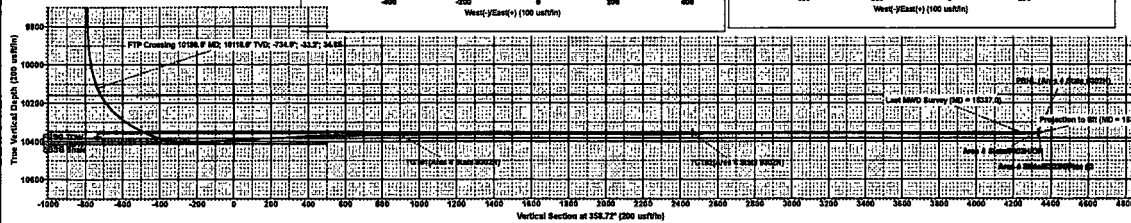
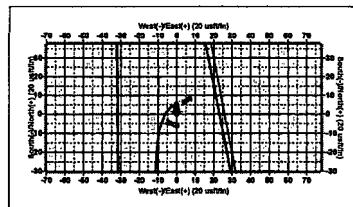
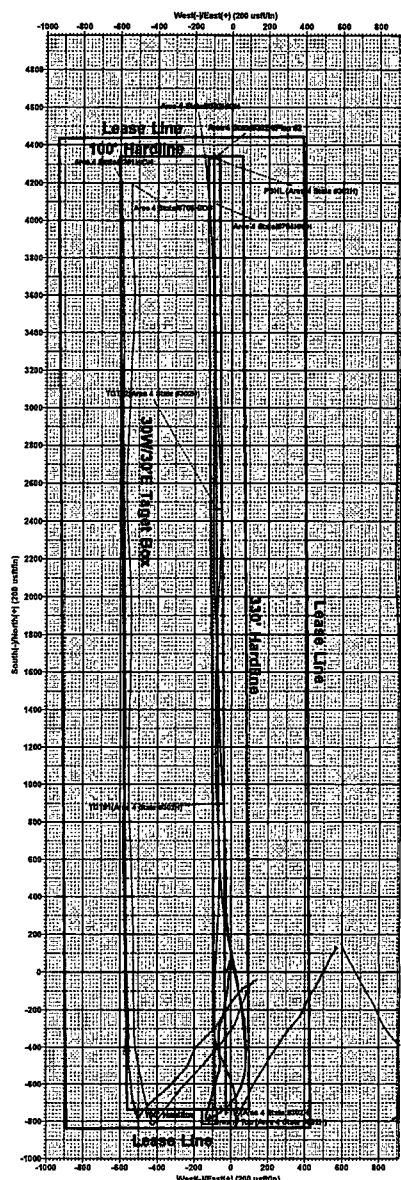
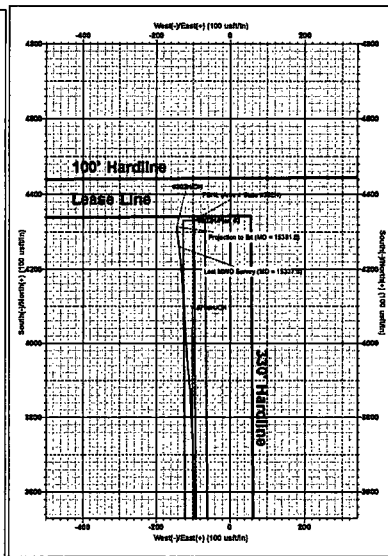
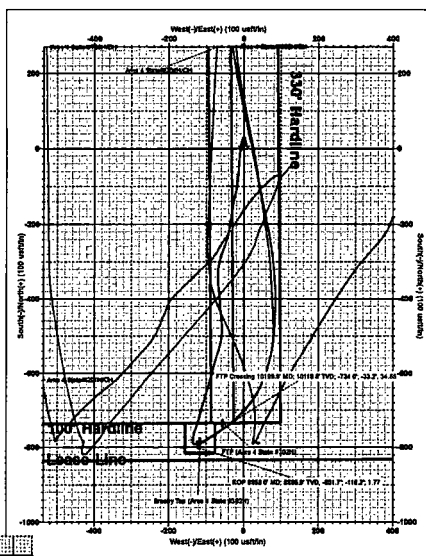
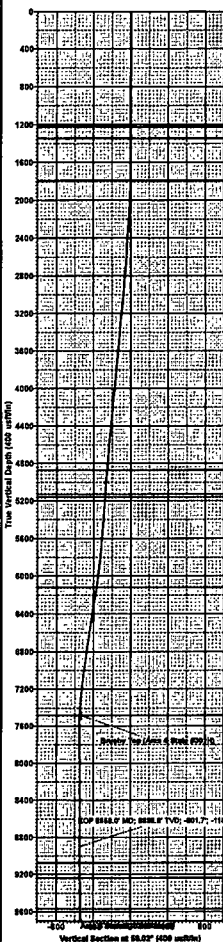
Sec	MD	Inc	Ad	TVD	+N-S	+E-W	Clag	TFace	VSecl	Target	Annotation
1	10507.0	59.86	9.40	10320.8	-433.3	75.5	0.00	0.00	-640.3		
2	10651.1	93.00	348.51	10403.3	-204.0	65.0	11.00	-34.89	-205.4		
3	11229.7	93.00	348.51	10384.0	168.6	-8.8	0.00	0.00	168.7		
4	11793.0	90.84	359.53	10386.0	717.7	-47.3	2.00	101.98	719.0		
5	11974.0	90.84	359.53	10384.0	895.7	-68.9	0.00	0.00	890.0		
6	11987.8	90.36	359.53	10363.9	912.6	-68.9	2.00	-179.92	913.8		TGTW1(Area 4 State #302H)
7	13539.2	90.36	359.53	10354.0	2463.8	-61.7	0.00	0.00	2466.0		TGTW2(Area 4 State #302H)
8	13566.0	90.03	359.53	10353.9	2460.9	-61.8	2.00	180.50	2461.9		
9	16407.5	90.03	359.53	10353.0	4332.0	-97.0	0.00	0.00	4333.1		PBHL (Area 4 State #302H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
TGTW1(Area 4 State #302H)	10384.0	896.7	-68.8	453399.70	775925.19
TGTW2(Area 4 State #302H)	10384.0	2463.8	-61.7	454954.80	775912.34
PBHL (Area 4 State #302H)	10353.0	4332.0	-97.0	454923.00	775907.50
Brushy Top (Area 4 State #302H)	7478.0	-794.0	-115.0	451707.00	775879.00
FTP (Area 4 State #302H)	10374.0	-734.0	-55.0	451767.00	775939.00



Lea County, NM (NAD 83 NME)
17 PM, 10/10/2011



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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Ares 4 State

#302H

OH

Design: OH

Midland PVA

04 November, 2018



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25 @ 3608.0usft
Site:	Area 4 State	MD Reference:	KB= 25 @ 3608.0usft
Well:	#302H	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	Area 4 State		
Site Position:		Northing:	451,993.00 usft
From:	Map	Easting:	777,413.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 14' 25.072 N
		Longitude:	103° 34' 11.215 W
		Grid Convergence:	0.41 °

Well	#302H		
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:
			3,581.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	9/20/2018	6.82
			Dip Angle
			(°)
			60.06
			Field Strength
			(nT)
			47,817.56915135

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
			(°)
			358.72

Survey Program	Date 11/4/2018		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
141.0	15,391.0	Newsco MWD (OH)	MWD
			Description
			OWSG MWD - Standard



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25 @ 3606.0usft
Site:	Area 4 State	MD Reference:	KB= 25 @ 3606.0usft
Well:	#302H	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)	EW (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	0.0
141.0	1.00	9.00	141.0	1.2	0.2	0.71	0.71	0.00	0.0	0.0	0.0
317.0	0.80	356.50	317.0	4.0	0.4	0.16	-0.11	-7.10	0.0	0.0	0.0
498.0	0.40	332.00	498.0	5.8	0.0	0.26	-0.22	-13.54	0.0	0.0	0.0
678.0	0.50	206.40	678.0	5.6	-0.7	0.45	0.06	-69.78	0.0	0.0	0.0
861.0	0.40	252.80	861.0	4.7	-1.6	0.20	-0.05	25.36	0.0	0.0	0.0
1,041.0	0.50	231.20	1,040.9	4.0	-2.8	0.11	0.06	-12.00	0.0	0.0	0.0
1,222.0	0.60	204.40	1,221.8	2.7	-3.8	0.15	0.06	-14.81	0.0	0.0	0.0
1,352.0	0.30	242.60	1,351.9	1.9	-4.4	0.31	-0.23	29.36	0.0	0.0	0.0
1,491.0	0.20	37.00	1,490.9	1.9	-4.6	0.35	-0.07	111.08	0.0	0.0	0.0
1,680.0	0.10	82.20	1,679.9	2.2	-4.2	0.08	-0.05	23.92	0.0	0.0	0.0
1,869.0	0.90	226.20	1,868.9	1.2	-5.2	0.52	0.42	76.19	0.0	0.0	0.0
2,058.0	3.30	198.50	2,057.8	-5.0	-7.9	1.34	1.27	-14.66	0.0	0.0	0.0
2,247.0	6.00	183.80	2,246.2	-20.0	-10.3	1.55	1.43	-7.78	0.0	0.0	0.0
2,437.0	6.60	182.40	2,435.0	-40.8	-11.4	0.33	0.32	-0.74	0.0	0.0	0.0
2,625.0	6.70	185.70	2,621.7	-62.5	-13.0	0.21	0.05	1.76	0.0	0.0	0.0
2,815.0	7.00	186.70	2,810.4	-85.0	-15.4	0.17	0.16	0.53	0.0	0.0	0.0
3,004.0	7.50	190.20	2,997.9	-108.6	-19.0	0.35	0.26	1.85	0.0	0.0	0.0
3,193.0	7.90	194.30	3,185.2	-133.3	-24.4	0.36	0.21	2.17	0.0	0.0	0.0
3,382.0	7.60	187.40	3,372.5	-158.3	-29.2	0.52	-0.16	-3.65	0.0	0.0	0.0
3,571.0	7.90	188.50	3,559.7	-183.6	-32.7	0.18	0.16	0.58	0.0	0.0	0.0
3,760.0	7.30	190.00	3,747.1	-208.2	-36.7	0.33	-0.32	0.79	0.0	0.0	0.0
3,949.0	7.60	194.80	3,934.5	-232.1	-42.0	0.37	0.16	2.54	0.0	0.0	0.0
4,138.0	7.30	200.00	4,121.9	-255.5	-49.3	0.39	-0.16	2.75	0.0	0.0	0.0
4,327.0	6.90	200.90	4,309.4	-277.4	-57.4	0.22	-0.21	0.48	0.0	0.0	0.0
4,516.0	7.40	189.70	4,497.0	-300.0	-63.5	0.78	0.26	-5.93	0.0	0.0	0.0
4,705.0	8.40	186.40	4,684.2	-325.7	-67.1	0.58	0.53	-1.75	0.0	0.0	0.0



Midland PVA

Company: EOG Resources - Midland Project: Lea County, NM (NAD 83 NME) Site: Area 4 State Well: #302H Wellbore: OH Design: OH			Local Co-ordinate Reference: Well #302H TVD Reference: KB= 25 @ 3606.0usft MD Reference: KB= 25 @ 3606.0usft North Reference: Grid Survey Calculation Method: Minimum Curvature Database: EDM 5000.14								
Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	D/Lag (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,893.0	9.10	174.20	4,870.0	-354.2	-87.2	1.05	0.37	-6.48	0.0	0.0	0.0
5,016.0	9.30	174.30	4,991.4	-373.7	-85.2	0.16	0.16	0.08	0.0	0.0	0.0
5,174.0	8.30	177.20	5,147.6	-397.8	-83.4	0.69	-0.63	1.84	0.0	0.0	0.0
5,362.0	8.60	173.50	5,333.5	-425.3	-81.1	0.33	0.16	-1.97	0.0	0.0	0.0
5,551.0	8.50	174.30	5,520.4	-453.3	-58.1	0.08	-0.05	0.42	0.0	0.0	0.0
5,739.0	9.00	179.30	5,706.2	-481.8	-56.6	0.48	0.27	2.66	0.0	0.0	0.0
5,928.0	9.90	191.40	5,892.7	-512.5	-59.6	1.15	0.48	6.40	0.0	0.0	0.0
6,117.0	10.40	198.40	6,078.7	-544.6	-68.2	0.70	0.26	3.70	0.0	0.0	0.0
6,306.0	12.30	194.90	6,264.0	-580.3	-78.8	1.07	1.01	-1.85	0.0	0.0	0.0
6,494.0	11.60	195.70	6,448.0	-617.8	-89.0	0.38	-0.37	0.43	0.0	0.0	0.0
6,683.0	11.40	195.60	6,633.2	-654.1	-99.2	0.11	-0.11	-0.05	0.0	0.0	0.0
6,872.0	10.70	196.50	6,818.7	-688.9	-109.2	0.38	-0.37	0.48	0.0	0.0	0.0
7,061.0	9.70	195.60	7,004.7	-721.1	-118.5	0.54	-0.53	-0.48	0.0	0.0	0.0
7,250.0	8.50	200.50	7,191.3	-749.5	-127.6	0.76	-0.63	2.59	0.0	0.0	0.0
7,439.0	5.40	188.10	7,378.9	-771.4	-133.8	1.81	-1.64	-6.56	0.0	0.0	0.0
7,628.0	3.50	169.70	7,567.3	-785.9	-134.0	1.25	-1.01	-9.74	0.0	0.0	0.0
7,817.0	1.40	51.00	7,756.2	-790.1	-131.2	2.30	-1.11	-62.80	0.0	0.0	0.0
8,005.0	1.10	91.90	7,944.2	-788.7	-127.6	0.49	-0.16	21.76	0.0	0.0	0.0
8,195.0	1.00	116.10	8,134.1	-789.5	-124.3	0.24	-0.05	12.74	0.0	0.0	0.0
8,384.0	1.40	151.40	8,323.1	-792.3	-121.7	0.43	0.21	18.68	0.0	0.0	0.0
8,573.0	1.30	159.20	8,512.0	-796.3	-119.8	0.11	-0.05	4.13	0.0	0.0	0.0
8,762.0	2.00	173.60	8,701.0	-801.6	-118.7	0.43	0.37	7.62	0.0	0.0	0.0
8,951.0	1.80	1.80	8,889.9	-801.9	-118.2	2.01	-0.11	-90.90	0.0	0.0	0.0
8,958.0	1.77	1.48	8,896.9	-801.7	-118.2	0.41	-0.39	-4.55	0.0	0.0	0.0
KOP 8958.0 MD: 8896.9 TVD: 801.7 -118.2 1.77											
9,140.0	1.10	347.80	9,078.9	-797.2	-118.5	0.41	-0.37	-7.52	0.0	0.0	0.0
9,329.0	1.00	359.50	9,267.8	-793.7	-118.9	0.12	-0.05	6.19	0.0	0.0	0.0



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25 @ 3606.0usft
Site:	Area 4 State	MD Reference:	KB= 25 @ 3606.0usft
Well:	#302H	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)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,517.0	0.70	349.90	9,455.8	-791.0	-119.1	0.18	-0.16	-5.11	0.0	0.0
9,706.0	0.40	92.00	9,644.8	-789.8	-118.7	0.46	-0.16	54.02	0.0	0.0
9,801.0	0.10	114.90	9,739.8	-788.9	-118.3	0.33	-0.32	24.11	0.0	0.0
9,909.0	5.80	53.50	9,847.6	-786.7	-113.8	5.33	5.28	-56.85	0.0	0.0
10,004.0	13.60	59.80	9,941.2	-778.2	-100.3	8.27	8.21	6.63	0.0	0.0
10,098.0	24.30	59.10	10,030.0	-762.7	-74.0	11.39	11.38	-0.74	0.0	0.0
10,192.0	33.70	52.40	10,112.1	-736.8	-36.7	10.57	10.00	-7.13	0.0	0.0
10,199.9	34.65	51.09	10,118.6	-734.0	-33.2	15.21	12.02	-16.58	0.0	0.0
FTP Crossing 10199.9' MD; 10118.6' TVD; -734.0'; -33.2'; 34.65										
10,223.0	37.50	47.60	10,137.3	-725.1	-22.9	15.21	12.34	-15.11	0.0	0.0
10,255.0	41.00	44.30	10,162.1	-711.0	-8.4	12.73	10.94	-10.31	0.0	0.0
10,286.0	44.10	41.70	10,184.9	-695.7	5.9	11.49	10.00	-8.39	0.0	0.0
10,318.0	46.50	36.70	10,207.4	-678.1	20.3	13.40	7.50	-15.62	0.0	0.0
10,349.0	48.30	30.70	10,228.4	-659.1	32.9	15.38	5.81	-19.35	0.0	0.0
10,381.0	50.20	25.90	10,249.3	-637.8	44.4	12.82	5.94	-15.00	0.0	0.0
10,413.0	52.80	20.90	10,269.3	-614.8	54.3	14.68	8.12	-15.62	0.0	0.0
10,444.0	55.60	17.60	10,287.4	-591.1	62.6	12.49	9.03	-10.65	0.0	0.0
10,476.0	58.30	14.70	10,304.8	-565.3	70.0	11.35	8.44	-9.06	0.0	0.0
10,507.0	59.80	9.40	10,320.8	-539.3	75.6	15.44	4.84	-17.10	0.0	0.0
10,539.0	61.00	4.50	10,336.6	-511.7	78.9	13.83	3.75	-15.31	0.5	0.7
10,570.0	61.40	359.50	10,351.6	-484.6	79.9	14.19	1.29	-16.13	2.0	2.7
10,664.0	72.40	356.70	10,388.4	-398.3	76.9	12.02	11.70	-2.98	6.8	9.0
10,727.0	82.90	356.50	10,401.8	-337.0	73.3	16.67	16.67	-0.32	6.4	10.0
10,758.0	87.70	356.40	10,404.4	-306.1	71.3	15.49	15.48	-0.32	4.5	9.2
10,821.0	91.40	351.10	10,404.9	-243.5	64.5	10.26	5.87	-8.41	0.8	7.6
10,853.0	91.60	351.50	10,404.0	-211.9	59.7	1.40	0.62	1.25	0.4	6.8
10,916.0	91.40	351.70	10,402.4	-149.6	50.5	0.45	-0.32	0.32	2.0	3.4



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25 @ 3606.0usft
Site:	Area 4 State	MD Reference:	KB= 25 @ 3606.0usft
	#302H	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)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
10,948.0	91.70	351.90	10,401.5	-117.8	45.9	1.13	0.94	0.62	2.8	1.5	
11,041.0	93.60	349.90	10,397.2	-26.2	31.2	2.96	2.04	-2.15	3.4	-2.3	
11,136.0	93.80	347.80	10,391.1	66.8	12.9	2.22	0.21	-2.21	2.2	-2.9	
11,230.0	93.40	350.00	10,385.2	158.8	-5.2	2.37	-0.43	2.34	1.2	-3.6	
11,324.0	93.40	353.10	10,379.6	251.6	-19.0	3.29	0.00	3.30	0.3	-7.1	
11,418.0	94.10	357.60	10,373.5	345.1	-26.6	4.63	0.74	4.79	-1.9	-13.8	
11,513.0	93.40	359.60	10,367.2	439.9	-28.9	2.23	-0.74	2.11	-4.7	-22.8	
11,607.0	90.90	359.40	10,363.7	533.8	-29.7	2.67	-2.66	-0.21	-5.6	-30.3	
11,702.0	91.50	359.60	10,361.7	628.8	-30.5	0.67	0.63	0.21	-5.6	-34.7	
11,796.0	91.20	357.40	10,359.5	722.7	-33.0	2.36	-0.32	-2.34	-6.5	-34.4	
11,891.0	89.10	357.00	10,359.3	817.6	-37.6	2.25	-2.21	-0.42	-5.6	-30.5	
11,985.0	89.00	357.40	10,360.8	911.5	-42.2	0.44	-0.11	0.43	-3.1	-26.7	
12,080.0	91.00	356.80	10,360.8	1,006.3	-47.0	2.20	2.11	-0.63	-2.5	-22.7	
12,174.0	90.10	356.50	10,359.9	1,100.2	-52.5	1.01	-0.96	-0.32	-2.8	-17.9	
12,269.0	91.20	355.90	10,358.8	1,194.9	-58.8	1.32	1.16	-0.63	-3.3	-12.4	
12,363.0	89.00	358.10	10,358.7	1,288.8	-63.7	3.31	-2.34	2.34	-2.8	-8.3	
12,457.0	88.80	358.80	10,360.5	1,382.8	-66.3	0.77	-0.21	0.74	-0.4	-6.5	
12,552.0	90.40	358.10	10,361.1	1,477.7	-68.9	1.64	1.68	-0.74	0.9	-4.7	
12,646.0	91.20	358.40	10,359.8	1,571.7	-71.7	0.91	0.85	0.32	0.2	-2.6	
12,741.0	88.70	357.50	10,359.9	1,666.6	-75.1	2.80	-2.63	-0.95	0.8	0.0	
12,835.0	88.60	357.40	10,362.1	1,760.5	-79.3	0.15	-0.11	-0.11	3.7	3.4	
12,930.0	89.70	357.40	10,363.5	1,855.4	-83.6	1.16	1.16	0.00	5.7	6.9	
13,024.0	90.40	357.10	10,363.5	1,949.3	-88.1	0.81	0.74	-0.32	6.2	10.7	
13,118.0	90.60	358.30	10,362.6	2,044.2	-91.9	1.28	0.21	1.26	6.0	13.7	
13,213.0	88.80	359.50	10,363.1	2,138.1	-93.7	2.30	-1.91	1.28	7.0	14.8	
13,308.0	89.50	358.90	10,364.5	2,233.1	-95.1	0.97	0.74	-0.63	9.1	15.3	
13,402.0	91.00	359.60	10,364.1	2,327.1	-96.3	1.76	1.60	0.74	9.2	15.8	



Midland PVA

Company: EOG Resources - Midland		Local Co-ordinate Reference: Well #302H	
Project: Lea County, NM (NAD 83 NME)		TVD Reference: KB= 25 @ 3606.0usft	
Area: 4 State		MD Reference: KB= 25 @ 3606.0usft	
Wellbore: #302H		North Reference: Grid	
Design: OH		Survey Calculation Method: Minimum Curvature	
		Database: EDM 5000.14	

Survey											
MD (usft)	Inc (°)	Asd (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
13,496.0	92.20	359.20	10,361.5	2,421.1	-97.3	1.35	1.28	-0.43	7.2	18.0	
13,590.0	90.50	0.40	10,359.3	2,515.0	-97.6	2.21	-1.81	1.28	5.4	15.5	
13,685.0	89.00	1.20	10,359.7	2,610.0	-96.3	1.79	-1.58	0.84	5.8	13.4	
13,779.0	90.60	1.10	10,360.0	2,704.0	-94.4	1.71	1.70	-0.11	6.2	10.8	
13,873.0	92.80	1.10	10,357.2	2,797.9	-92.6	2.45	2.45	0.00	3.4	8.2	
13,968.0	91.40	359.60	10,353.6	2,892.9	-92.0	2.23	-1.58	-1.58	-0.1	6.8	
14,062.0	90.40	359.20	10,352.1	2,986.8	-93.0	1.15	-1.06	-0.43	-1.6	7.0	
14,157.0	88.50	0.50	10,353.0	3,081.8	-93.2	2.42	-2.00	1.37	-0.6	6.5	
14,252.0	89.20	0.00	10,354.9	3,176.8	-92.8	0.91	0.74	-0.53	1.3	5.3	
14,346.0	92.10	0.70	10,353.9	3,270.8	-92.3	3.17	3.09	0.74	0.3	4.0	
14,441.0	87.80	359.60	10,353.9	3,365.8	-92.0	4.67	-4.53	-1.16	0.5	2.9	
14,535.0	87.80	359.30	10,357.6	3,459.7	-92.9	0.32	0.00	-0.32	4.1	3.1	
14,630.0	89.10	358.90	10,360.1	3,554.6	-94.4	1.43	1.37	-0.42	6.7	3.8	
14,724.0	90.10	358.30	10,360.8	3,648.6	-96.7	1.24	1.06	-0.64	7.4	5.3	
14,819.0	88.50	357.50	10,361.9	3,743.5	-100.2	1.88	-1.68	-0.84	8.6	8.0	
14,913.0	89.60	356.60	10,363.5	3,837.4	-105.0	1.51	1.17	-0.96	10.3	12.1	
15,008.0	89.80	354.40	10,364.0	3,932.1	-112.5	2.33	0.21	-2.32	10.8	18.7	
15,102.0	90.00	357.20	10,364.2	4,025.8	-119.4	2.99	0.21	2.98	11.0	24.9	
15,196.0	91.30	356.40	10,363.1	4,119.7	-124.6	1.62	1.38	-0.85	10.0	29.3	
15,290.0	90.70	354.90	10,361.5	4,213.4	-131.7	1.72	-0.64	-1.60	8.5	35.7	
15,337.0	90.60	352.80	10,360.9	4,260.1	-136.8	4.47	-0.21	-4.47	8.0	40.3	
Last MWD Survey (MD = 15337.0)											
15,391.0	90.60	352.80	10,360.4	4,313.7	-143.5	0.00	0.00	0.00	7.5	46.7	
Projection to Bit (MD = 15391.0)											



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #302H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB= 25 @ 3606.0usft
Site:	Ares 4 State	MD Reference:	KB= 25 @ 3606.0usft
Well:	#302H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
8,958.0	8,896.9	-801.7	-118.2	KOP 8958.0' MD; 8896.9' TVD; -801.7'; -118.2'; 1.77
10,199.9	10,118.6	-734.0	-33.2	FTP Crossing 10199.9' MD; 10118.6' TVD; -734.0'; -33.2'; 34.65
15,337.0	10,360.9	4,260.1	-136.8	Last MWD Survey (MD = 15337.0)
15,391.0	10,360.4	4,313.7	-143.5	Projection to Bit (MD = 15391.0)

Checked By: _____	Approved By: _____	Date: _____
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