



Lea County, NM (NAD 27 NME)

Diamond 5 Fed Com #6H

Nomac 55

Plan #1

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #6H

Ground Level: 3377.0
KB = 21 @ 3398.0usft (Nomac 55)
Northing: 420210.00 Easting: 761321.00 Latitude: 32° 9' 0.845 N Longitude: 103° 29' 20.260 W

SECTION DETAILS

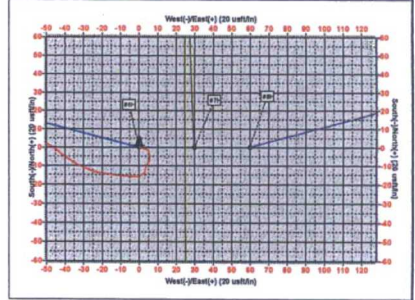
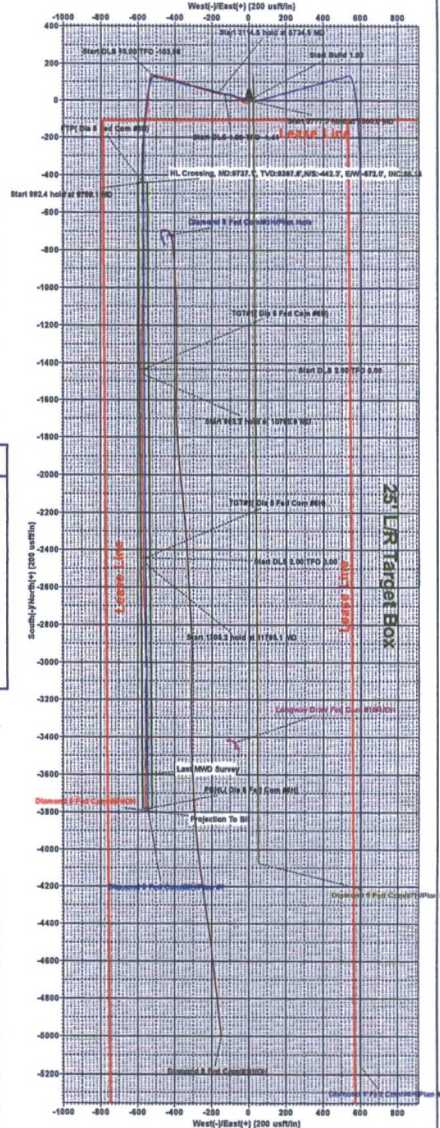
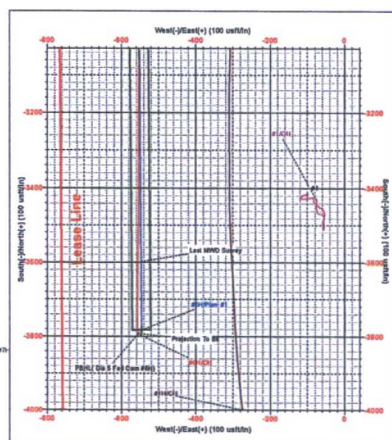
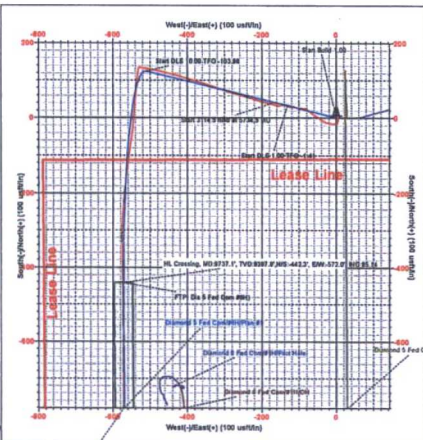
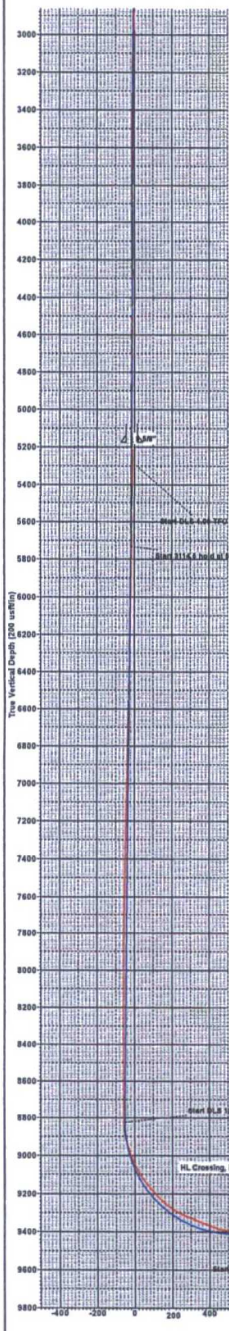
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1500.0	2.00	284.52	1500.0	0.9	-3.4	1.00	284.52	-0.4	
4	5277.3	2.00	284.52	5275.0	33.9	-131.0	0.00	0.00	-14.9	
5	5734.5	6.57	283.54	5730.7	42.1	-164.2	1.00	-1.41	-18.2	
6	8649.0	6.57	283.54	8624.8	125.5	-510.7	0.00	0.00	-51.4	
7	9759.1	89.42	179.55	9410.0	-442.0	-571.0	10.00	-103.96	518.9	FTP (Dia 5 Fed Com #6H)
8	10751.5	89.42	179.55	9420.0	-1434.3	-563.3	0.00	0.00	1528.9	TGT#1 (Dia 5 Fed Com #6H)
9	10780.8	90.01	179.55	9420.1	-2445.8	-555.4	0.00	0.00	2500.0	TGT#2 (Dia 5 Fed Com #6H)
10	11763.0	90.01	179.55	9420.0	-2445.8	-555.4	0.00	0.00	2531.7	
11	11795.1	90.65	179.55	9419.8	-2477.9	-545.0	0.00	0.00	3822.1	PBHL (Dia 5 Fed Com #6H)
12	13100.3	90.65	179.55	9405.0	-3783.0	-545.0	0.00	0.00		

CASING DETAILS

TVD	MD	Name	Size
1200.0	1200.0	13 3/8"	13-3/8"
5175.0	5177.3	9 5/8"	9-5/8"

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
PBHL (Dia 5 Fed Com #6H)	9405.0	-3783.0	-545.0	416427.00	760776.00
FTP (Dia 5 Fed Com #6H)	9410.0	-442.0	-571.0	419768.00	760750.00
TGT#1 (Dia 5 Fed Com #6H)	9420.0	-1434.3	-563.3	419776.70	760767.72
TGT#2 (Dia 5 Fed Com #6H)	9420.0	-2445.8	-555.4	417764.20	760765.59



Lea County, NM (NAD 27 NME)
Diamond 5 Fed Com #6H
Nomac 55
Plan #1
11.15.2015



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Diamond 5 Fed Com

#6H

OH

Design: OH

EOG PVA

26 March, 2015

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EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Diamond 5 Fed Com
Well: #6H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #6H
TVD Reference: KB = 21 @ 3398.0usft (Nomac 55)
MD Reference: KB = 21 @ 3398.0usft (Nomac 55)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Project Lea County, NM (NAD 27 NME)

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 Diamond 5 Fed Com

Site Position:	Northings:	420,210.00 usft	Latitude:	32° 9' 8.845 N
From: Map	Easting:	761,321.00 usft	Longitude:	103° 29' 20.260 W
Position Uncertainty:	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well #6H

Well Position	+N/-S	0.0 usft	Northings:	420,210.00 usft	Latitude:	32° 9' 8.845 N
	+E/-W	0.0 usft	Easting:	761,321.00 usft	Longitude:	103° 29' 20.260 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,377.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/9/2015	7.16	60.04	48,139

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	188.20

Survey Program Date 3/26/2015

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
182.0	13,090.0	MWD #1 (OH)	MWD	MWD - Standard



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North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	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
182.0	1.00	109.60	182.0	-0.5	1.5	0.55	0.55	0.00	-1.6	0.0
271.0	0.70	102.80	271.0	-0.9	2.8	0.36	-0.34	-7.64	-2.9	-0.3
330.0	1.00	104.30	330.0	-1.1	3.6	0.51	0.51	2.54	-3.8	-0.2
419.0	0.60	125.90	419.0	-1.6	4.7	0.56	-0.45	24.27	-4.8	1.5
512.0	0.80	169.70	512.0	-2.5	5.2	0.60	0.22	47.10	-3.4	4.7
604.0	1.10	170.90	603.9	-4.0	5.5	0.33	0.33	1.30	-4.8	4.8
696.0	1.30	176.90	695.9	-5.9	5.7	0.26	0.22	6.52	-6.2	5.4
789.0	1.10	200.50	788.9	-7.8	5.4	0.57	-0.22	25.38	-5.4	7.8
884.0	0.70	216.80	883.9	-9.1	4.8	0.50	-0.42	17.16	-4.5	9.3
979.0	0.80	207.60	978.9	-10.2	4.1	0.16	0.11	-9.68	-7.1	8.4
1,073.0	0.80	200.80	1,072.9	-11.4	3.6	0.10	0.00	-7.23	-9.4	7.4
1,169.0	0.80	187.30	1,168.9	-12.7	3.3	0.20	0.00	-14.06	-12.2	4.8
1,269.0	1.00	191.90	1,268.9	-14.2	3.0	0.21	0.20	4.60	-13.3	5.9
1,460.0	1.70	267.40	1,459.8	-16.0	-0.2	0.91	0.37	39.53	1.2	16.6
1,554.0	2.50	272.10	1,553.8	-16.0	-3.6	0.87	0.85	5.00	2.2	17.2
1,744.0	2.90	276.70	1,743.5	-15.3	-12.5	0.24	0.21	2.42	1.2	18.2
1,840.0	2.90	277.80	1,839.4	-14.6	-17.4	0.06	0.00	1.15	0.0	18.7
1,935.0	2.70	280.20	1,934.3	-13.9	-21.9	0.24	-0.21	2.53	-0.5	19.0
2,030.0	2.60	291.80	2,029.2	-12.7	-26.1	0.57	-0.11	12.21	2.2	18.7
2,125.0	2.50	295.50	2,124.1	-11.0	-30.0	0.20	-0.11	3.89	2.5	18.1
2,220.0	2.60	294.70	2,219.0	-9.2	-33.8	0.11	0.11	-0.84	1.3	17.5
2,411.0	2.40	311.40	2,409.8	-4.8	-40.8	0.39	-0.10	8.74	4.0	14.6
2,506.0	2.40	314.30	2,504.8	-2.1	-43.7	0.13	0.00	3.05	3.7	12.8
2,601.0	3.00	299.00	2,599.6	0.5	-47.3	0.98	0.63	-16.11	-1.0	12.0
2,695.0	3.30	295.90	2,693.5	2.9	-51.9	0.37	0.32	-3.30	-3.6	11.1
2,790.0	2.80	299.00	2,788.4	5.2	-56.4	0.55	-0.53	3.26	-4.9	10.6



EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Diamond 5 Fed Com
Well: #6H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #6H
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MD Reference: KB = 21 @ 3398.0usft (Nomac 55)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,885.0	2.70	306.90	2,883.3	7.7	-60.2	0.41	-0.11	8.32	-4.8	10.3
2,979.0	2.30	306.40	2,977.2	10.1	-63.5	0.43	-0.43	-0.53	-6.0	9.0
3,167.0	2.00	322.90	3,165.0	15.0	-68.5	0.36	-0.16	8.78	-4.9	7.3
3,262.0	3.30	300.50	3,259.9	17.7	-71.8	1.72	1.37	-23.58	-8.4	3.3
3,357.0	2.70	305.40	3,354.8	20.4	-76.0	0.69	-0.63	5.16	-10.0	3.1
3,548.0	2.10	296.60	3,545.6	24.5	-82.8	0.37	-0.31	-4.61	-11.8	-0.5
3,642.0	2.50	279.60	3,639.6	25.7	-86.4	0.84	0.43	-18.09	-11.5	-4.2
3,737.0	2.60	274.70	3,734.5	26.2	-90.6	0.25	0.11	-5.16	-12.1	-4.8
3,832.0	2.50	278.30	3,829.4	26.7	-94.8	0.20	-0.11	3.79	-13.3	-3.5
3,927.0	2.20	277.00	3,924.3	27.2	-98.6	0.32	-0.32	-1.37	-13.8	-3.4
4,022.0	2.00	277.90	4,019.2	27.6	-102.1	0.21	-0.21	0.95	-14.0	-2.8
4,117.0	3.20	272.90	4,114.1	28.0	-106.4	1.28	1.26	-5.26	-14.8	-3.5
4,212.0	3.30	276.40	4,209.0	28.4	-111.7	0.23	0.11	3.68	-17.1	-1.9
4,306.0	3.00	273.80	4,302.8	28.9	-116.9	0.35	-0.32	-2.77	-18.9	-2.2
4,401.0	2.70	279.00	4,397.7	29.4	-121.6	0.42	-0.32	5.47	-20.5	0.0
4,496.0	2.20	283.10	4,492.6	30.2	-125.6	0.56	-0.53	4.32	-21.1	1.7
4,687.0	0.90	281.10	4,683.6	31.3	-130.6	0.68	-0.68	-1.05	-19.7	1.3
4,782.0	2.30	298.30	4,778.5	32.3	-133.0	1.54	1.47	18.11	-17.8	6.5
4,878.0	1.90	304.80	4,874.5	34.2	-136.0	0.48	-0.42	6.77	-17.4	7.5
4,973.0	2.00	269.80	4,969.4	35.1	-139.0	1.24	0.11	-36.84	-18.3	-3.9
5,068.0	3.20	254.90	5,064.3	34.4	-143.2	1.44	1.26	-15.68	-18.0	-7.2
5,133.0	2.70	259.60	5,129.2	33.6	-146.4	0.85	-0.77	7.23	-19.9	-4.6
5,239.0	2.60	256.30	5,235.1	32.6	-151.2	0.17	-0.09	-3.11	-21.2	-4.1
5,334.0	3.70	279.80	5,330.0	32.6	-156.3	1.76	1.16	24.74	-22.6	5.8
5,430.0	4.90	284.30	5,425.7	34.1	-163.4	1.30	1.25	4.69	-24.1	7.8
5,524.0	6.20	283.80	5,519.3	36.3	-172.2	1.38	1.38	-0.53	-26.7	7.5
5,620.0	5.80	283.90	5,614.7	38.7	-181.9	0.42	-0.42	0.10	-28.5	7.5



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EOG PVA

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Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #6H
TVD Reference: KB = 21 @ 3398.0usft (Nomac 55)
MD Reference: KB = 21 @ 3398.0usft (Nomac 55)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,715.0	6.60	286.90	5,709.2	41.5	-191.8	0.91	0.84	3.16	-28.6	8.7
5,810.0	7.90	287.30	5,803.4	45.0	-203.3	1.37	1.37	0.42	-29.7	8.2
5,905.0	7.60	287.20	5,897.5	48.8	-215.5	0.32	-0.32	-0.11	-31.7	7.5
6,000.0	7.60	287.40	5,991.7	52.5	-227.5	0.03	0.00	0.21	-33.4	6.9
6,095.0	7.40	285.20	6,085.9	56.0	-239.4	0.37	-0.21	-2.32	-35.1	5.0
6,191.0	6.70	285.70	6,181.2	59.2	-250.8	0.73	-0.73	0.52	-35.9	5.0
6,286.0	7.40	285.60	6,275.4	62.3	-262.0	0.74	0.74	-0.11	-36.7	4.5
6,381.0	7.10	284.50	6,369.7	65.4	-273.6	0.35	-0.32	-1.16	-37.9	3.5
6,476.0	6.90	284.60	6,464.0	68.3	-284.8	0.21	-0.21	0.11	-38.6	3.4
6,572.0	7.90	289.50	6,559.2	72.0	-296.6	1.23	1.04	5.10	-39.6	6.0
6,762.0	7.70	289.20	6,747.4	80.5	-320.9	0.11	-0.11	-0.16	-43.8	3.6
6,857.0	7.50	288.30	6,841.6	84.6	-332.8	0.24	-0.21	-0.95	-45.6	1.9
6,952.0	7.20	288.10	6,935.8	88.4	-344.3	0.32	-0.32	-0.21	-47.0	0.9
7,047.0	6.70	288.90	7,030.1	92.0	-355.2	0.54	-0.53	0.84	-47.6	0.6
7,142.0	7.10	286.60	7,124.4	95.5	-366.1	0.51	0.42	-2.42	-48.2	-2.1
7,236.0	6.70	287.40	7,217.7	98.8	-376.9	0.44	-0.43	0.85	-48.8	-2.1
7,331.0	7.90	287.70	7,312.0	102.4	-388.4	1.26	1.26	0.32	-50.0	-2.6
7,427.0	7.50	287.20	7,407.1	106.3	-400.7	0.42	-0.42	-0.52	-51.9	-3.8
7,522.0	7.00	287.10	7,501.3	109.8	-412.1	0.53	-0.53	-0.11	-53.0	-4.6
7,618.0	7.30	284.30	7,596.6	113.1	-423.6	0.48	0.31	-2.92	-53.7	-7.6
7,712.0	7.10	285.40	7,689.9	116.1	-435.0	0.26	-0.21	1.17	-54.9	-6.8
7,807.0	6.80	284.50	7,784.2	119.0	-446.1	0.34	-0.32	-0.95	-55.4	-7.9
7,903.0	7.90	282.60	7,879.4	121.9	-458.1	1.17	1.15	-1.98	-56.4	-9.7
7,998.0	6.90	283.00	7,973.6	124.6	-470.0	1.05	-1.05	0.42	-57.9	-9.2
8,093.0	6.60	281.10	8,067.9	126.9	-480.9	0.39	-0.32	-2.00	-57.8	-10.8
8,189.0	6.00	280.70	8,163.3	128.9	-491.3	0.63	-0.62	-0.42	-57.3	-10.7
8,283.0	5.40	280.00	8,256.9	130.6	-500.5	0.64	-0.64	-0.74	-55.8	-10.8



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8,378.0	4.70	278.20	8,351.5	131.9	-508.7	0.76	-0.74	-1.89	-52.9	-11.7
8,474.0	4.00	276.40	8,447.2	132.9	-515.9	0.74	-0.73	-1.87	-48.9	-12.1
8,568.0	2.90	284.50	8,541.1	133.8	-521.5	1.28	-1.17	8.62	-45.0	-4.8
8,662.0	2.60	284.40	8,634.9	135.0	-525.9	0.32	-0.32	-0.11	-38.7	-5.1
8,757.0	0.80	294.00	8,729.9	135.8	-528.6	1.91	-1.89	10.11	-31.1	-0.2
8,787.0	0.60	287.40	8,759.9	135.9	-528.9	0.72	-0.67	-22.00	-27.8	-4.0
8,872.0	3.90	200.00	8,844.8	133.3	-530.3	4.61	3.88	-102.82	1.2	-18.9
8,917.0	9.80	189.90	8,889.5	128.1	-531.5	13.33	13.11	-22.44	2.1	-14.2
8,966.0	15.90	186.40	8,937.2	117.3	-533.0	12.54	12.45	-7.14	-1.1	-9.7
9,061.0	23.30	186.60	9,026.7	85.7	-536.6	7.79	7.79	0.21	-8.2	-2.4
9,108.0	28.50	184.80	9,068.9	65.3	-538.6	11.19	11.06	-3.83	-11.1	0.3
9,156.0	34.50	184.10	9,109.8	40.3	-540.5	12.52	12.50	-1.46	-14.8	3.1
9,203.0	39.70	184.70	9,147.3	12.0	-542.7	11.09	11.06	1.28	-19.0	5.7
9,251.0	39.20	185.20	9,184.4	-18.4	-545.3	1.23	-1.04	1.04	-21.2	7.4
9,298.0	45.60	188.10	9,219.1	-49.8	-549.0	14.24	13.62	6.17	-21.5	8.2
9,346.0	49.80	188.50	9,251.4	-85.0	-554.2	8.77	8.75	0.83	-22.4	6.5
9,393.0	57.30	187.50	9,279.3	-122.4	-559.4	16.05	15.96	-2.13	-24.3	4.0
9,441.0	62.50	186.20	9,303.3	-163.6	-564.4	11.08	10.83	-2.71	-27.3	1.5
9,488.0	68.80	185.70	9,322.7	-206.1	-568.8	13.44	13.40	-1.06	-30.9	-0.9
9,535.0	67.90	185.20	9,340.1	-249.6	-572.9	2.16	-1.91	-1.06	-32.7	-3.5
9,582.0	69.40	179.40	9,357.2	-293.3	-574.7	11.93	3.19	-12.34	-30.5	-5.0
9,631.0	69.40	179.10	9,374.4	-339.2	-574.1	0.57	0.00	-0.61	-24.8	-3.5
9,726.0	83.30	178.60	9,396.8	-431.3	-572.2	14.64	14.63	-0.53	-13.0	-1.2
9,737.1	85.14	178.89	9,397.9	-442.3	-572.0	16.77	16.57	2.58	-12.1	-1.0
HL Crossing, MD:9737.1', TVD:9397.9', N/S:-442.3', E/W:-572.0', INC:85.14										
9,761.0	89.10	179.50	9,399.1	-466.2	-571.6	16.77	16.57	2.57	-11.1	-0.8
9,855.0	90.10	179.60	9,399.8	-560.2	-570.9	1.07	1.06	0.11	-11.4	-0.8



EOG Resources, Inc.

EOG PVA

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Diamond 5 Fed Com
 Well: #6H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #6H
 TVD Reference: KB = 21 @ 3398.0usft (Nomac 55)
 MD Reference: KB = 21 @ 3398.0usft (Nomac 55)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,950.0	88.80	179.80	9,400.7	-655.2	-570.4	1.38	-1.37	0.21	-11.5	-1.1
10,045.0	87.50	179.90	9,403.7	-750.1	-570.2	1.37	-1.37	0.11	-9.4	-1.6
10,140.0	87.30	179.60	9,408.0	-845.0	-569.7	0.38	-0.21	-0.32	-6.0	-1.9
10,235.0	87.70	178.70	9,412.2	-939.9	-568.3	1.04	0.42	-0.95	-2.8	-1.2
10,330.0	88.50	181.40	9,415.3	-1,034.9	-568.4	2.96	0.84	2.84	-0.6	-2.0
10,425.0	88.30	182.00	9,418.0	-1,129.8	-571.2	0.67	-0.21	0.63	1.1	-5.6
10,520.0	88.40	181.80	9,420.7	-1,224.7	-574.4	0.24	0.11	-0.21	2.8	-9.5
10,614.0	88.80	180.40	9,423.0	-1,318.6	-576.2	1.55	0.43	-1.49	4.2	-12.0
10,709.0	88.80	180.50	9,425.0	-1,413.6	-576.9	0.11	0.00	0.11	5.2	-13.5
10,804.0	89.20	178.90	9,426.7	-1,508.6	-576.4	1.74	0.42	-1.68	6.5	-13.7
10,899.0	89.30	179.30	9,427.9	-1,603.6	-574.9	0.43	0.11	0.42	7.8	-13.0
10,994.0	89.40	180.20	9,429.0	-1,698.6	-574.5	0.95	0.11	0.95	8.9	-13.3
11,090.0	89.40	179.30	9,430.0	-1,794.6	-574.1	0.94	0.00	-0.94	9.9	-13.6
11,185.0	88.70	179.70	9,431.6	-1,889.5	-573.3	0.85	-0.74	0.42	11.5	-13.5
11,281.0	88.00	178.80	9,434.3	-1,985.5	-572.0	1.19	-0.73	-0.94	14.3	-13.0
11,376.0	89.00	179.70	9,436.8	-2,080.5	-570.8	1.42	1.05	0.95	16.8	-12.5
11,471.0	87.40	179.20	9,439.8	-2,175.4	-569.9	1.76	-1.68	-0.53	19.8	-12.4
11,566.0	87.70	179.70	9,443.9	-2,270.3	-569.0	0.61	0.32	0.53	23.8	-12.2
11,662.0	87.40	180.00	9,448.0	-2,366.2	-568.7	0.44	-0.31	0.31	28.0	-12.7
11,757.0	87.70	178.90	9,452.0	-2,461.1	-567.8	1.20	0.32	-1.16	32.1	-12.5
11,852.0	90.20	179.40	9,453.8	-2,556.1	-566.4	2.68	2.63	0.53	34.8	-11.8
11,947.0	90.30	178.70	9,453.4	-2,651.1	-564.8	0.74	0.11	-0.74	35.5	-11.0
12,041.0	87.20	176.10	9,455.4	-2,744.9	-560.6	4.30	-3.30	-2.77	38.6	-7.5
12,136.0	87.70	177.40	9,459.6	-2,839.7	-555.2	1.46	0.53	1.37	43.9	-2.9
12,232.0	88.90	179.70	9,462.5	-2,935.6	-552.7	2.70	1.25	2.40	47.9	-1.1
12,327.0	87.70	179.30	9,465.3	-3,030.6	-551.9	1.33	-1.26	-0.42	51.8	-1.1
12,422.0	89.40	181.30	9,467.7	-3,125.5	-552.4	2.76	1.79	2.11	55.2	-2.3



EOG Resources, Inc.
EOG PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #6H
Project:	Lea County, NM (NAD 27 NME)	TVD Reference:	KB = 21 @ 3398.0usft (Nomac 55)
Site:	Diamond 5 Fed Com	MD Reference:	KB = 21 @ 3398.0usft (Nomac 55)
Well:	#6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,517.0	89.50	180.70	9,468.6	-3,220.5	-554.1	0.64	0.11	-0.63	57.2	-4.7
12,612.0	87.50	178.60	9,471.1	-3,315.5	-553.5	3.05	-2.11	-2.21	60.8	-4.9
12,707.0	90.90	180.40	9,472.4	-3,410.4	-552.7	4.05	3.58	1.89	63.2	-4.8
12,802.0	91.70	181.20	9,470.3	-3,505.4	-554.0	1.19	0.84	0.84	62.1	-6.8
12,897.0	89.10	180.40	9,469.6	-3,600.4	-555.3	2.86	-2.74	-0.84	62.5	-8.9
Last MWD Survey										
13,090.0	89.10	180.40	9,472.6	-3,793.3	-556.7	0.00	0.00	0.00	68.4	-11.8
Projection To Bit										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,737.1	9,397.9	-442.3	-572.0	HL Crossing, MD:9737.1', TVD:9397.9',N/S:-442.3', E/W:-572.0', INC:85.14
12,897.0	9,469.6	-3,600.4	-555.3	Last MWD Survey
13,090.0	9,472.6	-3,793.3	-556.7	Projection To Bit

Checked By: _____ Approved By: _____ Date: _____