



Lea County, NM (NAD 83 NME)

Lomas Rojas 26 State #602H

Plan #0.1

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: #602H

KB = 25' @ 3371.00usft
Northing 403491.00 Easting 785587.00 Latitude 32.10681326 Longitude -103.54352758

SECTION DETAILS

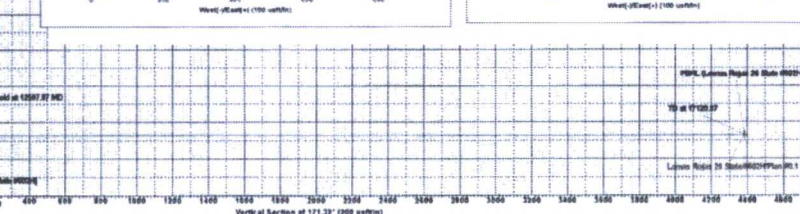
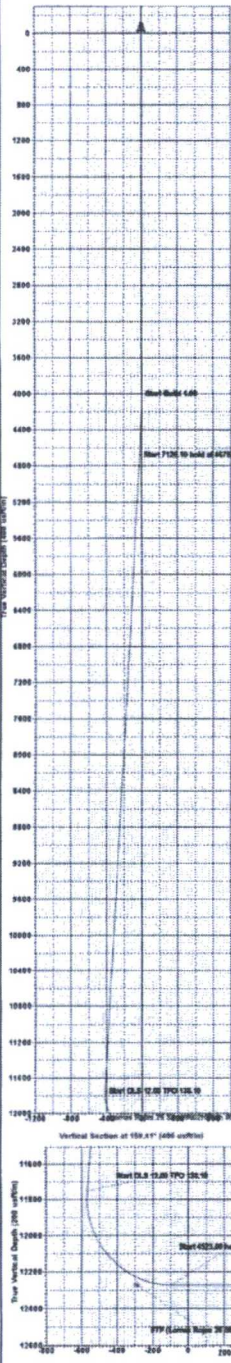
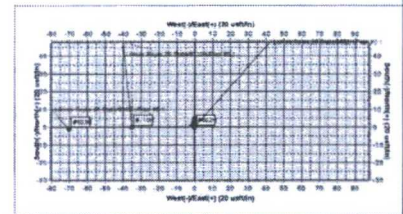
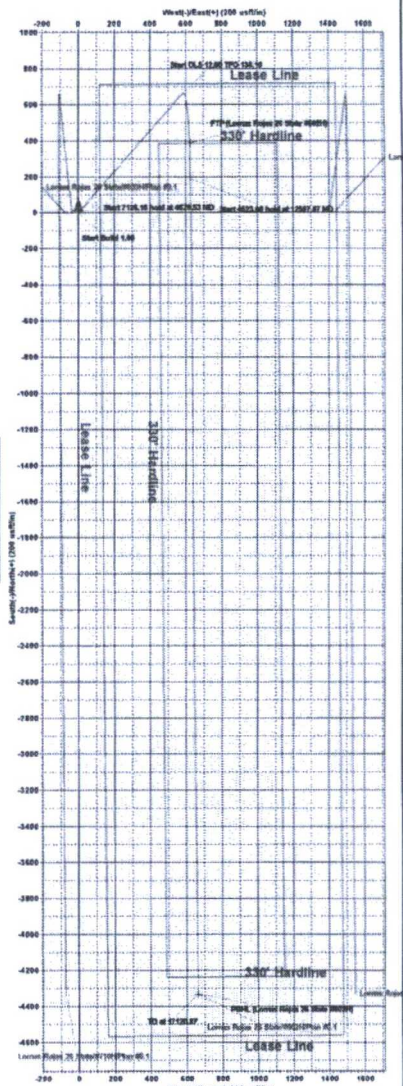
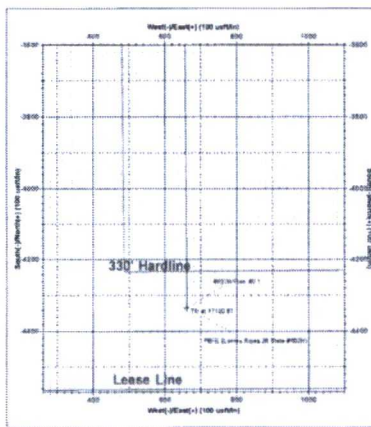
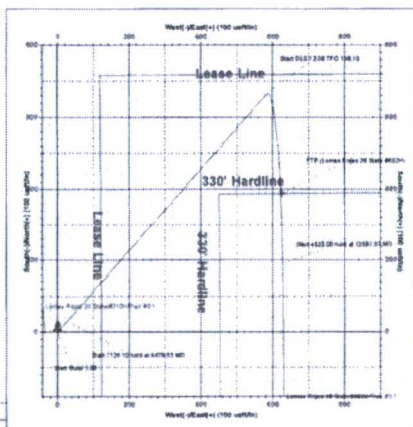
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	
3	4679.53	6.80	41.26	4677.94	30.26	26.54	1.00	41.26	-25.90	
4	11805.63	6.80	41.26	11753.98	664.14	582.56	0.00	0.00	-568.56	
5	12597.87	90.00	179.56	12272.00	188.87	627.27	12.00	138.10	-91.99	
6	17120.87	90.00	179.56	12272.00	-434.00	662.00	0.00	0.00	4384.27	PBHL (Lomas Rojas 26 State #602H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (Lomas Rojas 26 State #602H)	12272.00	398.00	821.60	403579.00	786513.00
PBHL (Lomas Rojas 26 State #602H)	12272.00	-4134.00	862.00	398167.00	786549.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Lomas Rojas 26 State

#602H

OH

Plan: Plan #0.1

Standard Planning Report

31 May, 2017



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Lomas Rojas 26 State
Well: #602H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #602H
TVD Reference: KB = 25' @ 3371.00usft
MD Reference: KB = 25' @ 3371.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	Lomas Rojas 26 State		
Site Position:		Northing:	403,501.00 usft
From:	Map	Easting:	787,324.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.10681171
		Longitude:	-103.53888673
		Grid Convergence:	0.42 "

Well	#602H		
Well Position	+N/-S	-10.00 usft	Northing: 403,491.00 usft
	+E/-W	-1,437.00 usft	Easting: 785,887.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	Latitude: 32.10681325
			Longitude: -103.54352758
			Ground Level: 3,346.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	5/31/2017	6.94
			Dip Angle (°) 59.96
			Field Strength (nT) 47,876.75051032

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	Direction (°)
	0.00	0.00	171.32

Plan Survey Tool Program	Date 5/31/2017		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name
1	0.00	17,120.87 Plan #0.1 (OH)	MWD
			MWD - Standard

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,679.53	6.80	41.26	4,677.94	30.26	26.54	1.00	1.00	0.00	41.26	
11,805.63	6.80	41.26	11,753.98	664.14	582.56	0.00	0.00	0.00	0.00	
12,597.87	90.00	179.56	12,272.00	188.87	627.27	12.00	10.50	17.46	138.10	
17,120.87	90.00	179.56	12,272.00	-4,334.00	662.00	0.00	0.00	0.00	0.00	PBHL (Lomas Rojas 2



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Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	1.00	41.26	4,100.00	0.66	0.58	-0.56	1.00	1.00	0.00
4,200.00	2.00	41.26	4,199.96	2.62	2.30	-2.25	1.00	1.00	0.00
4,300.00	3.00	41.26	4,299.86	5.90	5.18	-5.05	1.00	1.00	0.00
4,400.00	4.00	41.26	4,399.68	10.49	9.20	-8.98	1.00	1.00	0.00
4,500.00	5.00	41.26	4,499.37	16.39	14.38	-14.03	1.00	1.00	0.00
4,600.00	6.00	41.26	4,598.90	23.60	20.70	-20.20	1.00	1.00	0.00
4,679.53	6.80	41.26	4,677.94	30.26	26.54	-25.90	1.00	1.00	0.00
4,700.00	6.80	41.26	4,698.26	32.08	28.14	-27.46	0.00	0.00	0.00
4,800.00	6.80	41.26	4,797.56	40.97	35.94	-35.08	0.00	0.00	0.00
4,900.00	6.80	41.26	4,896.86	49.87	43.74	-42.69	0.00	0.00	0.00
5,000.00	6.80	41.26	4,996.16	58.76	51.55	-50.31	0.00	0.00	0.00
5,100.00	6.80	41.26	5,095.45	67.66	59.35	-57.92	0.00	0.00	0.00
5,200.00	6.80	41.26	5,194.75	76.55	67.15	-65.54	0.00	0.00	0.00



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Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.00	6.80	41.26	5,294.05	85.45	74.95	-73.15	0.00	0.00	0.00
5,400.00	6.80	41.26	5,393.35	94.34	82.76	-80.77	0.00	0.00	0.00
5,500.00	6.80	41.26	5,492.64	103.24	90.56	-88.38	0.00	0.00	0.00
5,600.00	6.80	41.26	5,591.94	112.14	98.36	-96.00	0.00	0.00	0.00
5,700.00	6.80	41.26	5,691.24	121.03	106.16	-103.61	0.00	0.00	0.00
5,800.00	6.80	41.26	5,790.54	129.93	113.97	-111.23	0.00	0.00	0.00
5,900.00	6.80	41.26	5,889.83	138.82	121.77	-118.84	0.00	0.00	0.00
6,000.00	6.80	41.26	5,989.13	147.72	129.57	-126.46	0.00	0.00	0.00
6,100.00	6.80	41.26	6,088.43	156.61	137.37	-134.07	0.00	0.00	0.00
6,200.00	6.80	41.26	6,187.73	165.51	145.18	-141.69	0.00	0.00	0.00
6,300.00	6.80	41.26	6,287.02	174.40	152.98	-149.30	0.00	0.00	0.00
6,400.00	6.80	41.26	6,386.32	183.30	160.78	-156.92	0.00	0.00	0.00
6,500.00	6.80	41.26	6,485.62	192.19	168.58	-164.53	0.00	0.00	0.00
6,600.00	6.80	41.26	6,584.92	201.09	176.39	-172.15	0.00	0.00	0.00
6,700.00	6.80	41.26	6,684.21	209.98	184.19	-179.76	0.00	0.00	0.00
6,800.00	6.80	41.26	6,783.51	218.88	191.99	-187.38	0.00	0.00	0.00
6,900.00	6.80	41.26	6,882.81	227.77	199.79	-194.99	0.00	0.00	0.00
7,000.00	6.80	41.26	6,982.11	236.67	207.60	-202.61	0.00	0.00	0.00
7,100.00	6.80	41.26	7,081.40	245.56	215.40	-210.22	0.00	0.00	0.00
7,200.00	6.80	41.26	7,180.70	254.46	223.20	-217.84	0.00	0.00	0.00
7,300.00	6.80	41.26	7,280.00	263.35	231.00	-225.45	0.00	0.00	0.00
7,400.00	6.80	41.26	7,379.30	272.25	238.81	-233.07	0.00	0.00	0.00
7,500.00	6.80	41.26	7,478.59	281.14	246.61	-240.68	0.00	0.00	0.00
7,600.00	6.80	41.26	7,577.89	290.04	254.41	-248.30	0.00	0.00	0.00
7,700.00	6.80	41.26	7,677.19	298.93	262.21	-255.91	0.00	0.00	0.00
7,800.00	6.80	41.26	7,776.49	307.83	270.02	-263.53	0.00	0.00	0.00
7,900.00	6.80	41.26	7,875.79	316.72	277.82	-271.14	0.00	0.00	0.00
8,000.00	6.80	41.26	7,975.08	325.62	285.62	-278.76	0.00	0.00	0.00
8,100.00	6.80	41.26	8,074.38	334.51	293.42	-286.37	0.00	0.00	0.00
8,200.00	6.80	41.26	8,173.68	343.41	301.23	-293.99	0.00	0.00	0.00
8,300.00	6.80	41.26	8,272.98	352.30	309.03	-301.60	0.00	0.00	0.00
8,400.00	6.80	41.26	8,372.27	361.20	316.83	-309.22	0.00	0.00	0.00
8,500.00	6.80	41.26	8,471.57	370.09	324.63	-316.83	0.00	0.00	0.00
8,600.00	6.80	41.26	8,570.87	378.99	332.44	-324.45	0.00	0.00	0.00
8,700.00	6.80	41.26	8,670.17	387.88	340.24	-332.06	0.00	0.00	0.00
8,800.00	6.80	41.26	8,769.46	396.78	348.04	-339.68	0.00	0.00	0.00
8,900.00	6.80	41.26	8,868.76	405.68	355.84	-347.29	0.00	0.00	0.00
9,000.00	6.80	41.26	8,968.06	414.57	363.65	-354.91	0.00	0.00	0.00
9,100.00	6.80	41.26	9,067.36	423.47	371.45	-362.52	0.00	0.00	0.00
9,200.00	6.80	41.26	9,166.65	432.36	379.25	-370.14	0.00	0.00	0.00
9,300.00	6.80	41.26	9,265.95	441.26	387.05	-377.75	0.00	0.00	0.00
9,400.00	6.80	41.26	9,365.25	450.15	394.86	-385.37	0.00	0.00	0.00
9,500.00	6.80	41.26	9,464.55	459.05	402.66	-392.98	0.00	0.00	0.00
9,600.00	6.80	41.26	9,563.84	467.94	410.46	-400.60	0.00	0.00	0.00
9,700.00	6.80	41.26	9,663.14	476.84	418.26	-408.21	0.00	0.00	0.00
9,800.00	6.80	41.26	9,762.44	485.73	426.07	-415.83	0.00	0.00	0.00
9,900.00	6.80	41.26	9,861.74	494.63	433.87	-423.44	0.00	0.00	0.00
10,000.00	6.80	41.26	9,961.03	503.52	441.67	-431.06	0.00	0.00	0.00
10,100.00	6.80	41.26	10,060.33	512.42	449.47	-438.67	0.00	0.00	0.00
10,200.00	6.80	41.26	10,159.63	521.31	457.28	-446.29	0.00	0.00	0.00
10,300.00	6.80	41.26	10,258.93	530.21	465.08	-453.90	0.00	0.00	0.00
10,400.00	6.80	41.26	10,358.22	539.10	472.88	-461.52	0.00	0.00	0.00
10,500.00	6.80	41.26	10,457.52	548.00	480.68	-469.13	0.00	0.00	0.00
10,600.00	6.80	41.26	10,556.82	556.89	488.49	-476.75	0.00	0.00	0.00



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10,700.00	6.80	41.26	10,656.12	565.79	496.29	-484.36	0.00	0.00	0.00
10,800.00	6.80	41.26	10,755.41	574.68	504.09	-491.98	0.00	0.00	0.00
10,900.00	6.80	41.26	10,854.71	583.58	511.89	-499.59	0.00	0.00	0.00
11,000.00	6.80	41.26	10,954.01	592.47	519.70	-507.21	0.00	0.00	0.00
11,100.00	6.80	41.26	11,053.31	601.37	527.50	-514.82	0.00	0.00	0.00
11,200.00	6.80	41.26	11,152.60	610.26	535.30	-522.44	0.00	0.00	0.00
11,300.00	6.80	41.26	11,251.90	619.16	543.10	-530.05	0.00	0.00	0.00
11,400.00	6.80	41.26	11,351.20	628.05	550.91	-537.67	0.00	0.00	0.00
11,500.00	6.80	41.26	11,450.50	636.95	558.71	-545.28	0.00	0.00	0.00
11,600.00	6.80	41.26	11,549.79	645.84	566.51	-552.90	0.00	0.00	0.00
11,700.00	6.80	41.26	11,649.09	654.74	574.31	-560.51	0.00	0.00	0.00
11,805.63	6.80	41.26	11,753.98	664.14	582.56	-568.56	0.00	0.00	0.00
11,825.00	5.30	58.32	11,773.24	665.47	584.07	-569.64	12.00	-7.74	88.08
11,850.00	4.54	92.80	11,798.16	666.02	586.04	-569.90	12.00	-3.03	137.91
11,875.00	5.58	125.31	11,823.06	665.27	588.02	-568.86	12.00	4.16	130.07
11,900.00	7.72	143.78	11,847.90	663.22	590.01	-566.52	12.00	8.57	73.85
11,925.00	10.30	153.69	11,872.59	659.86	591.99	-562.90	12.00	10.31	39.67
11,950.00	13.06	159.57	11,897.07	655.21	593.97	-558.01	12.00	11.03	23.51
11,975.00	15.90	163.40	11,921.27	649.28	595.93	-551.85	12.00	11.38	15.33
12,000.00	18.79	166.09	11,945.13	642.09	597.88	-544.45	12.00	11.57	10.74
12,025.00	21.71	168.08	11,968.59	633.65	599.80	-535.82	12.00	11.68	7.95
12,050.00	24.65	169.61	11,991.56	624.00	601.70	-525.99	12.00	11.75	6.14
12,075.00	27.60	170.84	12,014.01	613.15	603.56	-514.98	12.00	11.80	4.90
12,100.00	30.56	171.85	12,035.85	601.14	605.38	-502.83	12.00	11.84	4.02
12,125.00	33.53	172.69	12,057.04	587.99	607.16	-489.57	12.00	11.87	3.37
12,150.00	36.50	173.41	12,077.52	573.76	608.89	-475.24	12.00	11.89	2.88
12,175.00	39.47	174.04	12,097.22	558.46	610.57	-459.87	12.00	11.90	2.51
12,200.00	42.45	174.59	12,116.09	542.16	612.20	-443.50	12.00	11.91	2.21
12,225.00	45.43	175.08	12,134.09	524.88	613.75	-426.19	12.00	11.92	1.97
12,250.00	48.42	175.53	12,151.16	506.68	615.25	-407.97	12.00	11.93	1.78
12,275.00	51.40	175.93	12,167.26	487.61	616.67	-388.91	12.00	11.94	1.62
12,300.00	54.38	176.31	12,182.34	467.72	618.02	-369.04	12.00	11.94	1.49
12,325.00	57.37	176.65	12,196.37	447.07	619.29	-348.43	12.00	11.95	1.38
12,350.00	60.36	176.97	12,209.29	425.70	620.48	-327.13	12.00	11.95	1.29
12,375.00	63.35	177.28	12,221.08	403.69	621.58	-305.21	12.00	11.95	1.22
12,400.00	66.33	177.57	12,231.71	381.09	622.60	-282.71	12.00	11.95	1.16
12,408.94	67.40	177.67	12,235.22	372.88	622.94	-274.54	12.00	11.96	1.12
FTP (Lomas Rojas 26 State #602H)									
12,425.00	69.32	177.85	12,241.14	357.96	623.52	-259.70	12.00	11.96	1.10
12,450.00	72.31	178.11	12,249.36	334.36	624.35	-236.26	12.00	11.96	1.06
12,475.00	75.30	178.37	12,256.33	310.37	625.09	-212.42	12.00	11.96	1.03
12,500.00	78.29	178.62	12,262.04	286.04	625.73	-188.28	12.00	11.96	1.00
12,525.00	81.28	178.86	12,266.47	261.45	626.27	-163.88	12.00	11.96	0.98
12,550.00	84.27	179.10	12,269.61	236.65	626.71	-139.31	12.00	11.96	0.96
12,575.00	87.26	179.34	12,271.45	211.72	627.05	-114.62	12.00	11.96	0.95
12,597.87	90.00	179.56	12,272.00	188.87	627.27	-91.99	12.00	11.96	0.95
12,600.00	90.00	179.56	12,272.00	186.73	627.28	-89.88	0.00	0.00	0.00
12,700.00	90.00	179.56	12,272.00	86.74	628.05	9.09	0.00	0.00	0.00
12,800.00	90.00	179.56	12,272.00	-13.26	628.82	108.06	0.00	0.00	0.00
12,900.00	90.00	179.56	12,272.00	-113.26	629.59	207.02	0.00	0.00	0.00
13,000.00	90.00	179.56	12,272.00	-213.26	630.35	305.99	0.00	0.00	0.00
13,100.00	90.00	179.56	12,272.00	-313.25	631.12	404.96	0.00	0.00	0.00
13,200.00	90.00	179.56	12,272.00	-413.25	631.89	503.92	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Lomas Rojas 26 State
 Well: #602H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #602H
 TVD Reference: KB = 25' @ 3371.00usft
 MD Reference: KB = 25' @ 3371.00usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,300.00	90.00	179.56	12,272.00	-513.25	632.66	602.89	0.00	0.00	0.00
13,400.00	90.00	179.56	12,272.00	-613.24	633.43	701.86	0.00	0.00	0.00
13,500.00	90.00	179.56	12,272.00	-713.24	634.19	800.82	0.00	0.00	0.00
13,600.00	90.00	179.56	12,272.00	-813.24	634.96	899.79	0.00	0.00	0.00
13,700.00	90.00	179.56	12,272.00	-913.23	635.73	998.76	0.00	0.00	0.00
13,800.00	90.00	179.56	12,272.00	-1,013.23	636.50	1,097.72	0.00	0.00	0.00
13,900.00	90.00	179.56	12,272.00	-1,113.23	637.27	1,196.69	0.00	0.00	0.00
14,000.00	90.00	179.56	12,272.00	-1,213.23	638.03	1,295.66	0.00	0.00	0.00
14,100.00	90.00	179.56	12,272.00	-1,313.22	638.80	1,394.62	0.00	0.00	0.00
14,200.00	90.00	179.56	12,272.00	-1,413.22	639.57	1,493.59	0.00	0.00	0.00
14,300.00	90.00	179.56	12,272.00	-1,513.22	640.34	1,592.55	0.00	0.00	0.00
14,400.00	90.00	179.56	12,272.00	-1,613.21	641.11	1,691.52	0.00	0.00	0.00
14,500.00	90.00	179.56	12,272.00	-1,713.21	641.87	1,790.49	0.00	0.00	0.00
14,600.00	90.00	179.56	12,272.00	-1,813.21	642.64	1,889.45	0.00	0.00	0.00
14,700.00	90.00	179.56	12,272.00	-1,913.20	643.41	1,988.42	0.00	0.00	0.00
14,800.00	90.00	179.56	12,272.00	-2,013.20	644.18	2,087.39	0.00	0.00	0.00
14,900.00	90.00	179.56	12,272.00	-2,113.20	644.95	2,186.35	0.00	0.00	0.00
15,000.00	90.00	179.56	12,272.00	-2,213.20	645.71	2,285.32	0.00	0.00	0.00
15,100.00	90.00	179.56	12,272.00	-2,313.19	646.48	2,384.29	0.00	0.00	0.00
15,200.00	90.00	179.56	12,272.00	-2,413.19	647.25	2,483.25	0.00	0.00	0.00
15,300.00	90.00	179.56	12,272.00	-2,513.19	648.02	2,582.22	0.00	0.00	0.00
15,400.00	90.00	179.56	12,272.00	-2,613.18	648.78	2,681.19	0.00	0.00	0.00
15,500.00	90.00	179.56	12,272.00	-2,713.18	649.55	2,780.15	0.00	0.00	0.00
15,600.00	90.00	179.56	12,272.00	-2,813.18	650.32	2,879.12	0.00	0.00	0.00
15,700.00	90.00	179.56	12,272.00	-2,913.18	651.09	2,978.09	0.00	0.00	0.00
15,800.00	90.00	179.56	12,272.00	-3,013.17	651.86	3,077.05	0.00	0.00	0.00
15,900.00	90.00	179.56	12,272.00	-3,113.17	652.62	3,176.02	0.00	0.00	0.00
16,000.00	90.00	179.56	12,272.00	-3,213.17	653.39	3,274.99	0.00	0.00	0.00
16,100.00	90.00	179.56	12,272.00	-3,313.16	654.16	3,373.95	0.00	0.00	0.00
16,200.00	90.00	179.56	12,272.00	-3,413.16	654.93	3,472.92	0.00	0.00	0.00
16,300.00	90.00	179.56	12,272.00	-3,513.16	655.70	3,571.88	0.00	0.00	0.00
16,400.00	90.00	179.56	12,272.00	-3,613.15	656.46	3,670.85	0.00	0.00	0.00
16,500.00	90.00	179.56	12,272.00	-3,713.15	657.23	3,769.82	0.00	0.00	0.00
16,600.00	90.00	179.56	12,272.00	-3,813.15	658.00	3,868.78	0.00	0.00	0.00
16,700.00	90.00	179.56	12,272.00	-3,913.15	658.77	3,967.75	0.00	0.00	0.00
16,800.00	90.00	179.56	12,272.00	-4,013.14	659.54	4,066.72	0.00	0.00	0.00
16,900.00	90.00	179.56	12,272.00	-4,113.14	660.30	4,165.68	0.00	0.00	0.00
17,000.00	90.00	179.56	12,272.00	-4,213.14	661.07	4,264.65	0.00	0.00	0.00
17,100.00	90.00	179.56	12,272.00	-4,313.13	661.84	4,363.62	0.00	0.00	0.00
17,120.87	90.00	179.56	12,272.00	-4,334.00	662.00	4,384.27	0.00	0.00	0.00

PBHL (Lomas Rojas 26 State #602H)



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Lomas Rojas 26 State
Well: #602H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #602H
TVD Reference: KB = 25' @ 3371.00usft
MD Reference: KB = 25' @ 3371.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (Lomas Rojas 26 S) - plan misses target center by 39.88usft at 12408.93usft MD (12235.22 TVD, 372.88 N, 622.94 E) - Point	0.00	0.00	12.272.00	388.00	626.00	403,879.00	786,513.00	32.10786712	-103.54149679
PBHL (Lomas Rojas 26) - plan hits target center - Point	0.00	0.00	12.272.00	-4,334.00	662.00	399,157.00	786,549.00	32.09488705	-103.54149253