

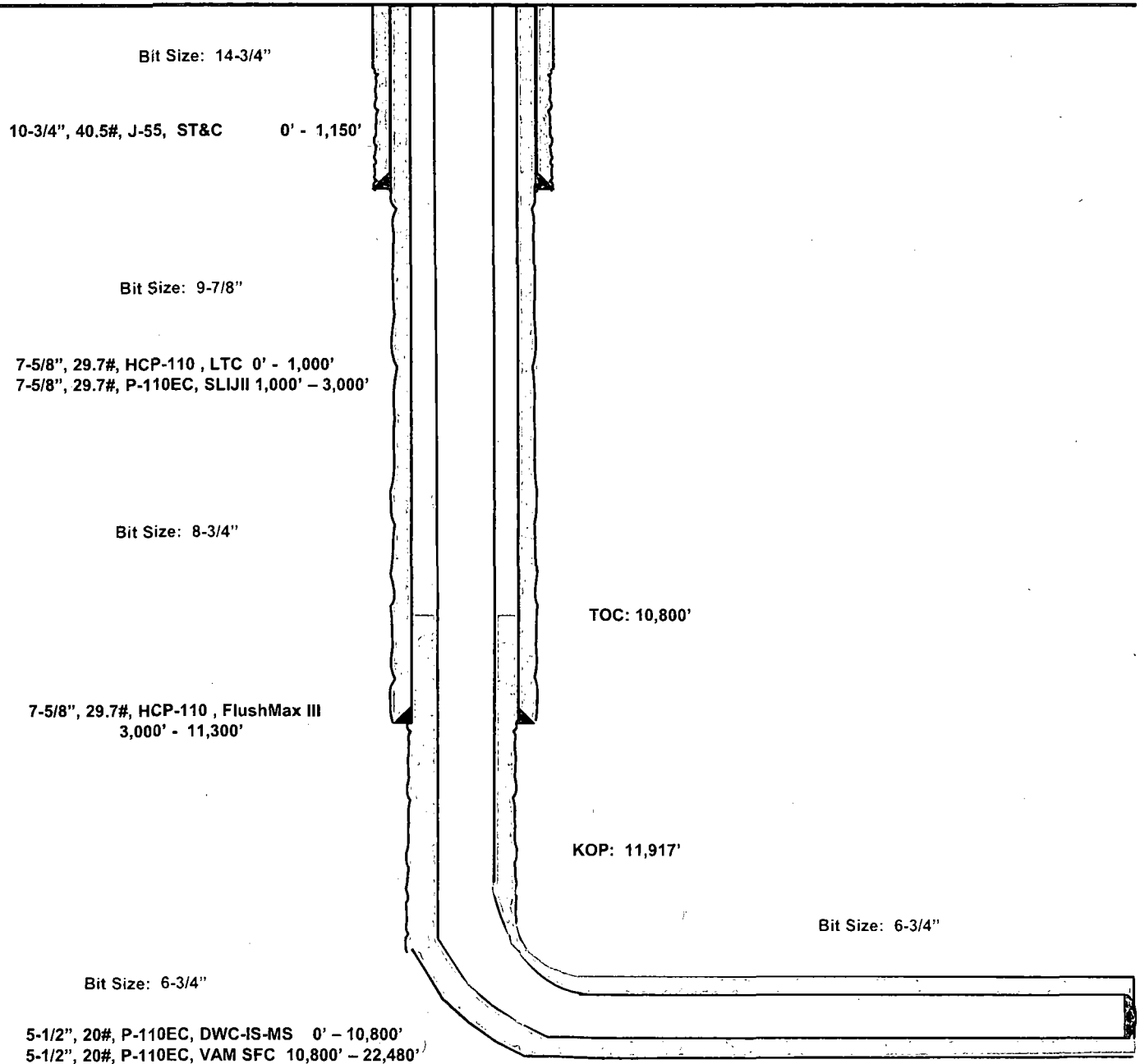
Caballo 23 Fed Com #703H

**Lea County, New Mexico
Proposed Wellbore**

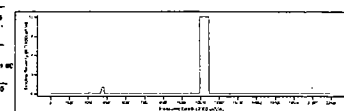
**300' FSL
1755' FWL
Section 23
T-25-S, R-33-E**

API: 30-025-*****

**KB: 3,367'
GL: 3,342'**



**Lateral: 22,480' MD, 12,402' TVD
Upper Most Perf:
330' FSL & 1484' FWL Sec. 23
Lower Most Perf:
330' FNL & 1484' FWL Sec. 14
BH Location: 230' FNL & 1484' FWL
Section 14
T-25-S, R-33-E**





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Caballo 23 Fed Com

#703H

OH

Plan: Plan #0.1

Standard Planning Report

13 February, 2017

HOBBS OCD

JUN 26 2017

RECEIVED



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Caballo 23 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3367.00usft
 MD Reference: KB = 25' @ 3367.00usft
 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	Caballo 23 Fed Com		
Site Position:		Northing:	404,685.00 usft
From:	Map	Easting:	783,786.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.11013733
		Longitude:	-103.55028448
		Grid Convergence:	0.42 °

Well	#703H		
Well Position	+N/-S	-185.00 usft	Northing:
	+E/-W	1,331.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32.10960217
		Longitude:	-103.54599039
		Ground Level:	3,342.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	2/13/2017	(°)
			6.97
			Dip Angle
			(°)
			59.97
			Field Strength
			(nT)
			47,908

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			358.05

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	
4,260.35	2.60	225.52	4,260.26	-4.14	-4.22	1.00	1.00	0.00	225.52	
11,917.71	2.60	225.52	11,909.71	-247.85	-252.39	0.00	0.00	0.00	0.00	
12,682.79	90.00	359.59	12,402.00	229.25	-271.89	12.00	11.42	17.52	134.04	
22,480.79	90.00	359.59	12,402.00	10,027.00	-342.00	0.00	0.00	0.00	0.00	PBHL (Caballo 23 Fed



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Caballo 23 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3367.00usft
 MD Reference: KB = 25' @ 3367.00usft
 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)
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	225.52	4,100.00	-0.61	-0.62	-0.59	1.00	1.00	0.00
4,200.00	2.00	225.52	4,199.96	-2.45	-2.49	-2.36	1.00	1.00	0.00
4,260.35	2.60	225.52	4,260.26	-4.14	-4.22	-4.00	1.00	1.00	0.00
4,300.00	2.60	225.52	4,299.87	-5.41	-5.50	-5.21	0.00	0.00	0.00
4,400.00	2.60	225.52	4,399.77	-8.59	-8.75	-8.29	0.00	0.00	0.00
4,500.00	2.60	225.52	4,499.66	-11.77	-11.99	-11.36	0.00	0.00	0.00
4,600.00	2.60	225.52	4,599.56	-14.95	-15.23	-14.43	0.00	0.00	0.00
4,700.00	2.60	225.52	4,699.46	-18.14	-18.47	-17.50	0.00	0.00	0.00
4,800.00	2.60	225.52	4,799.35	-21.32	-21.71	-20.57	0.00	0.00	0.00
4,900.00	2.60	225.52	4,899.25	-24.50	-24.95	-23.64	0.00	0.00	0.00
5,000.00	2.60	225.52	4,999.15	-27.68	-28.19	-26.71	0.00	0.00	0.00
5,100.00	2.60	225.52	5,099.04	-30.87	-31.43	-29.78	0.00	0.00	0.00
5,200.00	2.60	225.52	5,198.94	-34.05	-34.67	-32.85	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Caballo 23 Fed Com
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3367.00usft
MD Reference: KB = 25' @ 3367.00usft
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)
5,300.00	2.60	225.52	5,298.84	-37.23	-37.91	-35.92	0.00	0.00	0.00
5,400.00	2.60	225.52	5,398.73	-40.41	-41.16	-38.99	0.00	0.00	0.00
5,500.00	2.60	225.52	5,498.63	-43.60	-44.40	-42.06	0.00	0.00	0.00
5,600.00	2.60	225.52	5,598.53	-46.78	-47.64	-45.13	0.00	0.00	0.00
5,700.00	2.60	225.52	5,698.42	-49.96	-50.88	-48.20	0.00	0.00	0.00
5,800.00	2.60	225.52	5,798.32	-53.14	-54.12	-51.27	0.00	0.00	0.00
5,900.00	2.60	225.52	5,898.22	-56.33	-57.36	-54.34	0.00	0.00	0.00
6,000.00	2.60	225.52	5,998.11	-59.51	-60.60	-57.41	0.00	0.00	0.00
6,100.00	2.60	225.52	6,098.01	-62.69	-63.84	-60.48	0.00	0.00	0.00
6,200.00	2.60	225.52	6,197.91	-65.88	-67.08	-63.55	0.00	0.00	0.00
6,300.00	2.60	225.52	6,297.81	-69.06	-70.32	-66.62	0.00	0.00	0.00
6,400.00	2.60	225.52	6,397.70	-72.24	-73.56	-69.69	0.00	0.00	0.00
6,500.00	2.60	225.52	6,497.60	-75.42	-76.81	-72.76	0.00	0.00	0.00
6,600.00	2.60	225.52	6,597.50	-78.61	-80.05	-75.83	0.00	0.00	0.00
6,700.00	2.60	225.52	6,697.39	-81.79	-83.29	-78.90	0.00	0.00	0.00
6,800.00	2.60	225.52	6,797.29	-84.97	-86.53	-81.97	0.00	0.00	0.00
6,900.00	2.60	225.52	6,897.19	-88.15	-89.77	-85.04	0.00	0.00	0.00
7,000.00	2.60	225.52	6,997.08	-91.34	-93.01	-88.11	0.00	0.00	0.00
7,100.00	2.60	225.52	7,096.98	-94.52	-96.25	-91.18	0.00	0.00	0.00
7,200.00	2.60	225.52	7,196.88	-97.70	-99.49	-94.25	0.00	0.00	0.00
7,300.00	2.60	225.52	7,296.77	-100.88	-102.73	-97.32	0.00	0.00	0.00
7,400.00	2.60	225.52	7,396.67	-104.07	-105.97	-100.39	0.00	0.00	0.00
7,500.00	2.60	225.52	7,496.57	-107.25	-109.21	-103.46	0.00	0.00	0.00
7,600.00	2.60	225.52	7,596.46	-110.43	-112.46	-106.53	0.00	0.00	0.00
7,700.00	2.60	225.52	7,696.36	-113.61	-115.70	-109.60	0.00	0.00	0.00
7,800.00	2.60	225.52	7,796.26	-116.80	-118.94	-112.68	0.00	0.00	0.00
7,900.00	2.60	225.52	7,896.15	-119.98	-122.18	-115.75	0.00	0.00	0.00
8,000.00	2.60	225.52	7,996.05	-123.16	-125.42	-118.82	0.00	0.00	0.00
8,100.00	2.60	225.52	8,095.95	-126.35	-128.66	-121.89	0.00	0.00	0.00
8,200.00	2.60	225.52	8,195.84	-129.53	-131.90	-124.96	0.00	0.00	0.00
8,300.00	2.60	225.52	8,295.74	-132.71	-135.14	-128.03	0.00	0.00	0.00
8,400.00	2.60	225.52	8,395.64	-135.89	-138.38	-131.10	0.00	0.00	0.00
8,500.00	2.60	225.52	8,495.53	-139.08	-141.62	-134.17	0.00	0.00	0.00
8,600.00	2.60	225.52	8,595.43	-142.26	-144.87	-137.24	0.00	0.00	0.00
8,700.00	2.60	225.52	8,695.33	-145.44	-148.11	-140.31	0.00	0.00	0.00
8,800.00	2.60	225.52	8,795.22	-148.62	-151.35	-143.38	0.00	0.00	0.00
8,900.00	2.60	225.52	8,895.12	-151.81	-154.59	-146.45	0.00	0.00	0.00
9,000.00	2.60	225.52	8,995.02	-154.99	-157.83	-149.52	0.00	0.00	0.00
9,100.00	2.60	225.52	9,094.92	-158.17	-161.07	-152.59	0.00	0.00	0.00
9,200.00	2.60	225.52	9,194.81	-161.35	-164.31	-155.66	0.00	0.00	0.00
9,300.00	2.60	225.52	9,294.71	-164.54	-167.55	-158.73	0.00	0.00	0.00
9,400.00	2.60	225.52	9,394.61	-167.72	-170.79	-161.80	0.00	0.00	0.00
9,500.00	2.60	225.52	9,494.50	-170.90	-174.03	-164.87	0.00	0.00	0.00
9,600.00	2.60	225.52	9,594.40	-174.08	-177.27	-167.94	0.00	0.00	0.00
9,700.00	2.60	225.52	9,694.30	-177.27	-180.52	-171.01	0.00	0.00	0.00
9,800.00	2.60	225.52	9,794.19	-180.45	-183.76	-174.08	0.00	0.00	0.00
9,900.00	2.60	225.52	9,894.09	-183.63	-187.00	-177.15	0.00	0.00	0.00
10,000.00	2.60	225.52	9,993.99	-186.82	-190.24	-180.22	0.00	0.00	0.00
10,100.00	2.60	225.52	10,093.88	-190.00	-193.48	-183.29	0.00	0.00	0.00
10,200.00	2.60	225.52	10,193.78	-193.18	-196.72	-186.36	0.00	0.00	0.00
10,300.00	2.60	225.52	10,293.68	-196.36	-199.96	-189.43	0.00	0.00	0.00
10,400.00	2.60	225.52	10,393.57	-199.55	-203.20	-192.50	0.00	0.00	0.00
10,500.00	2.60	225.52	10,493.47	-202.73	-206.44	-195.57	0.00	0.00	0.00
10,600.00	2.60	225.52	10,593.37	-205.91	-209.68	-198.64	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Caballo 23 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3367.00usft
 MD Reference: KB = 25' @ 3367.00usft
 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)
10,700.00	2.60	225.52	10,693.26	-209.09	-212.92	-201.71	0.00	0.00	0.00
10,800.00	2.60	225.52	10,793.16	-212.28	-216.17	-204.78	0.00	0.00	0.00
10,900.00	2.60	225.52	10,893.06	-215.46	-219.41	-207.85	0.00	0.00	0.00
11,000.00	2.60	225.52	10,992.95	-218.64	-222.65	-210.92	0.00	0.00	0.00
11,100.00	2.60	225.52	11,092.85	-221.82	-225.89	-213.99	0.00	0.00	0.00
11,200.00	2.60	225.52	11,192.75	-225.01	-229.13	-217.07	0.00	0.00	0.00
11,300.00	2.60	225.52	11,292.64	-228.19	-232.37	-220.14	0.00	0.00	0.00
11,400.00	2.60	225.52	11,392.54	-231.37	-235.61	-223.21	0.00	0.00	0.00
11,500.00	2.60	225.52	11,492.44	-234.55	-238.85	-226.28	0.00	0.00	0.00
11,600.00	2.60	225.52	11,592.33	-237.74	-242.09	-229.35	0.00	0.00	0.00
11,700.00	2.60	225.52	11,692.23	-240.92	-245.33	-232.42	0.00	0.00	0.00
11,800.00	2.60	225.52	11,792.13	-244.10	-248.58	-235.49	0.00	0.00	0.00
11,900.00	2.60	225.52	11,892.03	-247.28	-251.82	-238.56	0.00	0.00	0.00
11,917.71	2.60	225.52	11,909.71	-247.85	-252.39	-239.10	0.00	0.00	0.00
11,925.00	2.09	243.03	11,917.00	-248.02	-252.63	-239.27	12.00	-7.01	240.04
11,950.00	2.79	317.42	11,941.98	-247.78	-253.44	-239.00	12.00	2.78	297.58
11,975.00	5.40	339.36	11,966.92	-246.24	-254.27	-237.43	12.00	10.45	87.77
12,000.00	8.28	346.61	11,991.74	-243.38	-255.10	-234.55	12.00	11.52	28.99
12,025.00	11.22	350.11	12,016.38	-239.24	-255.94	-230.37	12.00	11.77	13.99
12,050.00	14.19	352.16	12,040.76	-233.80	-256.77	-224.92	12.00	11.87	8.22
12,075.00	17.16	353.52	12,064.83	-227.10	-257.61	-218.19	12.00	11.91	5.42
12,100.00	20.15	354.48	12,088.51	-219.15	-258.44	-210.21	12.00	11.94	3.85
12,125.00	23.14	355.20	12,111.75	-209.97	-259.26	-201.01	12.00	11.95	2.89
12,150.00	26.13	355.77	12,134.47	-199.58	-260.08	-190.60	12.00	11.96	2.26
12,175.00	29.12	356.23	12,156.62	-188.02	-260.88	-179.02	12.00	11.97	1.83
12,200.00	32.11	356.61	12,178.13	-175.31	-261.68	-166.29	12.00	11.98	1.51
12,225.00	35.11	356.93	12,198.95	-161.50	-262.46	-152.46	12.00	11.98	1.28
12,250.00	38.10	357.20	12,219.01	-146.61	-263.22	-137.55	12.00	11.98	1.10
12,275.00	41.10	357.44	12,238.28	-130.69	-263.96	-121.62	12.00	11.98	0.97
12,300.00	44.10	357.66	12,256.68	-113.79	-264.68	-104.70	12.00	11.99	0.86
12,325.00	47.09	357.85	12,274.17	-95.95	-265.38	-86.84	12.00	11.99	0.77
12,350.00	50.09	358.02	12,290.70	-77.21	-266.06	-68.10	12.00	11.99	0.70
12,375.00	53.09	358.18	12,306.23	-57.63	-266.71	-48.51	12.00	11.99	0.64
12,400.00	56.09	358.33	12,320.72	-37.27	-267.32	-28.14	12.00	11.99	0.59
12,425.00	59.08	358.47	12,334.12	-16.18	-267.91	-7.03	12.00	11.99	0.55
12,450.00	62.08	358.60	12,346.39	5.59	-268.47	14.74	12.00	11.99	0.52
12,475.00	65.08	358.72	12,357.52	27.97	-268.99	37.12	12.00	11.99	0.49
12,492.77	67.21	358.80	12,364.70	44.22	-269.34	53.37	12.00	11.99	0.47
FTP (Caballo 23 Fed Com #703H)									
12,500.00	68.08	358.84	12,367.45	50.90	-269.48	60.06	12.00	11.99	0.46
12,525.00	71.08	358.95	12,376.18	74.32	-269.94	83.48	12.00	11.99	0.45
12,550.00	74.07	359.06	12,383.66	98.17	-270.35	107.33	12.00	11.99	0.43
12,575.00	77.07	359.16	12,389.89	122.38	-270.73	131.53	12.00	11.99	0.42
12,600.00	80.07	359.26	12,394.84	146.88	-271.06	156.03	12.00	11.99	0.41
12,625.00	83.07	359.36	12,398.51	171.60	-271.36	180.75	12.00	11.99	0.40
12,650.00	86.07	359.46	12,400.88	196.48	-271.62	205.63	12.00	11.99	0.40
12,675.00	89.07	359.56	12,401.94	221.46	-271.83	230.60	12.00	11.99	0.39
12,682.79	90.00	359.59	12,402.00	229.25	-271.89	238.39	12.00	11.99	0.39
12,700.00	90.00	359.59	12,402.00	246.46	-272.01	255.59	0.00	0.00	0.00
12,800.00	90.00	359.59	12,402.00	346.45	-272.73	355.55	0.00	0.00	0.00
12,900.00	90.00	359.59	12,402.00	446.45	-273.44	455.51	0.00	0.00	0.00
13,000.00	90.00	359.59	12,402.00	546.45	-274.16	555.48	0.00	0.00	0.00
13,100.00	90.00	359.59	12,402.00	646.45	-274.87	655.44	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Caballo 23 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3367.00usft
 MD Reference: KB = 25' @ 3367.00usft
 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)
13,200.00	90.00	359.59	12,402.00	746.44	-275.59	755.40	0.00	0.00	0.00
13,300.00	90.00	359.59	12,402.00	846.44	-276.30	855.37	0.00	0.00	0.00
13,400.00	90.00	359.59	12,402.00	946.44	-277.02	955.33	0.00	0.00	0.00
13,500.00	90.00	359.59	12,402.00	1,046.44	-277.74	1,055.30	0.00	0.00	0.00
13,600.00	90.00	359.59	12,402.00	1,146.43	-278.45	1,155.26	0.00	0.00	0.00
13,700.00	90.00	359.59	12,402.00	1,246.43	-279.17	1,255.22	0.00	0.00	0.00
13,800.00	90.00	359.59	12,402.00	1,346.43	-279.88	1,355.19	0.00	0.00	0.00
13,900.00	90.00	359.59	12,402.00	1,446.43	-280.60	1,455.15	0.00	0.00	0.00
14,000.00	90.00	359.59	12,402.00	1,546.42	-281.31	1,555.11	0.00	0.00	0.00
14,100.00	90.00	359.59	12,402.00	1,646.42	-282.03	1,655.08	0.00	0.00	0.00
14,200.00	90.00	359.59	12,402.00	1,746.42	-282.74	1,755.04	0.00	0.00	0.00
14,300.00	90.00	359.59	12,402.00	1,846.42	-283.46	1,855.01	0.00	0.00	0.00
14,400.00	90.00	359.59	12,402.00	1,946.41	-284.18	1,954.97	0.00	0.00	0.00
14,500.00	90.00	359.59	12,402.00	2,046.41	-284.89	2,054.93	0.00	0.00	0.00
14,600.00	90.00	359.59	12,402.00	2,146.41	-285.61	2,154.90	0.00	0.00	0.00
14,700.00	90.00	359.59	12,402.00	2,246.41	-286.32	2,254.86	0.00	0.00	0.00
14,800.00	90.00	359.59	12,402.00	2,346.40	-287.04	2,354.82	0.00	0.00	0.00
14,900.00	90.00	359.59	12,402.00	2,446.40	-287.75	2,454.79	0.00	0.00	0.00
15,000.00	90.00	359.59	12,402.00	2,546.40	-288.47	2,554.75	0.00	0.00	0.00
15,100.00	90.00	359.59	12,402.00	2,646.40	-289.18	2,654.72	0.00	0.00	0.00
15,200.00	90.00	359.59	12,402.00	2,746.39	-289.90	2,754.68	0.00	0.00	0.00
15,300.00	90.00	359.59	12,402.00	2,846.39	-290.62	2,854.64	0.00	0.00	0.00
15,400.00	90.00	359.59	12,402.00	2,946.39	-291.33	2,954.61	0.00	0.00	0.00
15,500.00	90.00	359.59	12,402.00	3,046.39	-292.05	3,054.57	0.00	0.00	0.00
15,600.00	90.00	359.59	12,402.00	3,146.38	-292.76	3,154.53	0.00	0.00	0.00
15,700.00	90.00	359.59	12,402.00	3,246.38	-293.48	3,254.50	0.00	0.00	0.00
15,800.00	90.00	359.59	12,402.00	3,346.38	-294.19	3,354.46	0.00	0.00	0.00
15,900.00	90.00	359.59	12,402.00	3,446.37	-294.91	3,454.42	0.00	0.00	0.00
16,000.00	90.00	359.59	12,402.00	3,546.37	-295.62	3,554.39	0.00	0.00	0.00
16,100.00	90.00	359.59	12,402.00	3,646.37	-296.34	3,654.35	0.00	0.00	0.00
16,200.00	90.00	359.59	12,402.00	3,746.37	-297.06	3,754.32	0.00	0.00	0.00
16,300.00	90.00	359.59	12,402.00	3,846.36	-297.77	3,854.28	0.00	0.00	0.00
16,400.00	90.00	359.59	12,402.00	3,946.36	-298.49	3,954.24	0.00	0.00	0.00
16,500.00	90.00	359.59	12,402.00	4,046.36	-299.20	4,054.21	0.00	0.00	0.00
16,600.00	90.00	359.59	12,402.00	4,146.36	-299.92	4,154.17	0.00	0.00	0.00
16,700.00	90.00	359.59	12,402.00	4,246.35	-300.63	4,254.13	0.00	0.00	0.00
16,800.00	90.00	359.59	12,402.00	4,346.35	-301.35	4,354.10	0.00	0.00	0.00
16,900.00	90.00	359.59	12,402.00	4,446.35	-302.07	4,454.06	0.00	0.00	0.00
17,000.00	90.00	359.59	12,402.00	4,546.35	-302.78	4,554.03	0.00	0.00	0.00
17,100.00	90.00	359.59	12,402.00	4,646.34	-303.50	4,653.99	0.00	0.00	0.00
17,200.00	90.00	359.59	12,402.00	4,746.34	-304.21	4,753.95	0.00	0.00	0.00
17,300.00	90.00	359.59	12,402.00	4,846.34	-304.93	4,853.92	0.00	0.00	0.00
17,400.00	90.00	359.59	12,402.00	4,946.34	-305.64	4,953.88	0.00	0.00	0.00
17,500.00	90.00	359.59	12,402.00	5,046.33	-306.36	5,053.84	0.00	0.00	0.00
17,600.00	90.00	359.59	12,402.00	5,146.33	-307.07	5,153.81	0.00	0.00	0.00
17,700.00	90.00	359.59	12,402.00	5,246.33	-307.79	5,253.77	0.00	0.00	0.00
17,800.00	90.00	359.59	12,402.00	5,346.33	-308.51	5,353.74	0.00	0.00	0.00
17,900.00	90.00	359.59	12,402.00	5,446.32	-309.22	5,453.70	0.00	0.00	0.00
18,000.00	90.00	359.59	12,402.00	5,546.32	-309.94	5,553.66	0.00	0.00	0.00
18,100.00	90.00	359.59	12,402.00	5,646.32	-310.65	5,653.63	0.00	0.00	0.00
18,200.00	90.00	359.59	12,402.00	5,746.32	-311.37	5,753.59	0.00	0.00	0.00
18,300.00	90.00	359.59	12,402.00	5,846.31	-312.08	5,853.55	0.00	0.00	0.00
18,400.00	90.00	359.59	12,402.00	5,946.31	-312.80	5,953.52	0.00	0.00	0.00
18,500.00	90.00	359.59	12,402.00	6,046.31	-313.51	6,053.48	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Caballo 23 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3367.00usft
 MD Reference: KB = 25' @ 3367.00usft
 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)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)
18,600.00	90.00	359.59	12,402.00	6,146.31	-314.23	6,153.45	0.00	0.00	0.00
18,700.00	90.00	359.59	12,402.00	6,246.30	-314.95	6,253.41	0.00	0.00	0.00
18,800.00	90.00	359.59	12,402.00	6,346.30	-315.66	6,353.37	0.00	0.00	0.00
18,900.00	90.00	359.59	12,402.00	6,446.30	-316.38	6,453.34	0.00	0.00	0.00
19,000.00	90.00	359.59	12,402.00	6,546.30	-317.09	6,553.30	0.00	0.00	0.00
19,100.00	90.00	359.59	12,402.00	6,646.29	-317.81	6,653.26	0.00	0.00	0.00
19,200.00	90.00	359.59	12,402.00	6,746.29	-318.52	6,753.23	0.00	0.00	0.00
19,300.00	90.00	359.59	12,402.00	6,846.29	-319.24	6,853.19	0.00	0.00	0.00
19,400.00	90.00	359.59	12,402.00	6,946.29	-319.95	6,953.16	0.00	0.00	0.00
19,500.00	90.00	359.59	12,402.00	7,046.28	-320.67	7,053.12	0.00	0.00	0.00
19,600.00	90.00	359.59	12,402.00	7,146.28	-321.39	7,153.08	0.00	0.00	0.00
19,700.00	90.00	359.59	12,402.00	7,246.28	-322.10	7,253.05	0.00	0.00	0.00
19,800.00	90.00	359.59	12,402.00	7,346.28	-322.82	7,353.01	0.00	0.00	0.00
19,900.00	90.00	359.59	12,402.00	7,446.27	-323.53	7,452.97	0.00	0.00	0.00
20,000.00	90.00	359.59	12,402.00	7,546.27	-324.25	7,552.94	0.00	0.00	0.00
20,100.00	90.00	359.59	12,402.00	7,646.27	-324.96	7,652.90	0.00	0.00	0.00
20,200.00	90.00	359.59	12,402.00	7,746.26	-325.68	7,752.86	0.00	0.00	0.00
20,300.00	90.00	359.59	12,402.00	7,846.26	-326.39	7,852.83	0.00	0.00	0.00
20,400.00	90.00	359.59	12,402.00	7,946.26	-327.11	7,952.79	0.00	0.00	0.00
20,500.00	90.00	359.59	12,402.00	8,046.26	-327.83	8,052.76	0.00	0.00	0.00
20,600.00	90.00	359.59	12,402.00	8,146.25	-328.54	8,152.72	0.00	0.00	0.00
20,700.00	90.00	359.59	12,402.00	8,246.25	-329.26	8,252.68	0.00	0.00	0.00
20,800.00	90.00	359.59	12,402.00	8,346.25	-329.97	8,352.65	0.00	0.00	0.00
20,900.00	90.00	359.59	12,402.00	8,446.25	-330.69	8,452.61	0.00	0.00	0.00
21,000.00	90.00	359.59	12,402.00	8,546.24	-331.40	8,552.57	0.00	0.00	0.00
21,100.00	90.00	359.59	12,402.00	8,646.24	-332.12	8,652.54	0.00	0.00	0.00
21,200.00	90.00	359.59	12,402.00	8,746.24	-332.83	8,752.50	0.00	0.00	0.00
21,300.00	90.00	359.59	12,402.00	8,846.24	-333.55	8,852.47	0.00	0.00	0.00
21,400.00	90.00	359.59	12,402.00	8,946.23	-334.27	8,952.43	0.00	0.00	0.00
21,500.00	90.00	359.59	12,402.00	9,046.23	-334.98	9,052.39	0.00	0.00	0.00
21,600.00	90.00	359.59	12,402.00	9,146.23	-335.70	9,152.36	0.00	0.00	0.00
21,700.00	90.00	359.59	12,402.00	9,246.23	-336.41	9,252.32	0.00	0.00	0.00
21,800.00	90.00	359.59	12,402.00	9,346.22	-337.13	9,352.28	0.00	0.00	0.00
21,900.00	90.00	359.59	12,402.00	9,446.22	-337.84	9,452.25	0.00	0.00	0.00
22,000.00	90.00	359.59	12,402.00	9,546.22	-338.56	9,552.21	0.00	0.00	0.00
22,100.00	90.00	359.59	12,402.00	9,646.22	-339.28	9,652.18	0.00	0.00	0.00
22,200.00	90.00	359.59	12,402.00	9,746.21	-339.99	9,752.14	0.00	0.00	0.00
22,300.00	90.00	359.59	12,402.00	9,846.21	-340.71	9,852.10	0.00	0.00	0.00
22,400.00	90.00	359.59	12,402.00	9,946.21	-341.42	9,952.07	0.00	0.00	0.00
22,480.79	90.00	359.59	12,402.00	10,027.00	-342.00	10,032.83	0.00	0.00	0.00

PBHL (Caballo 23 Fed Com #703H)