

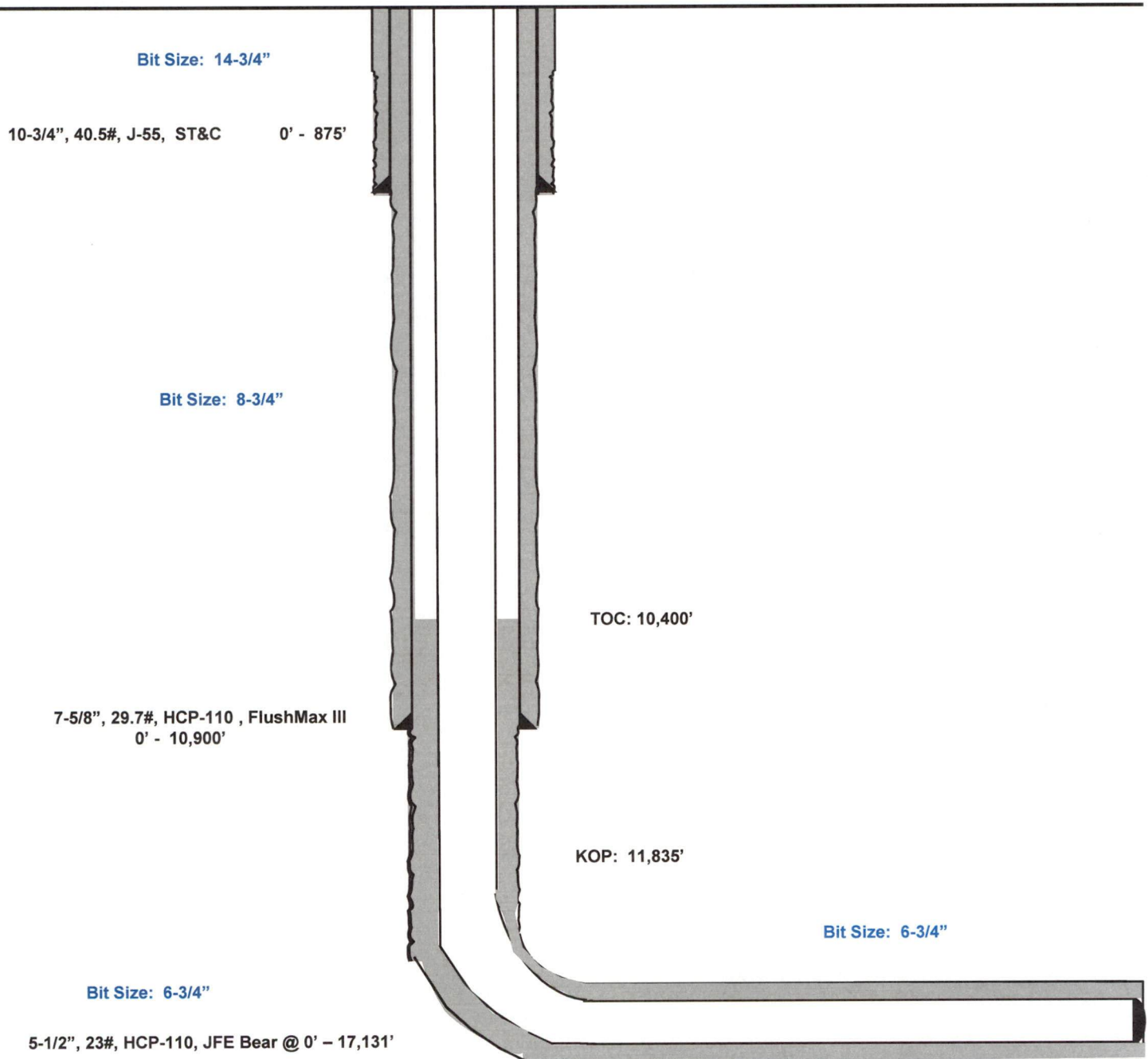
Braswell 16 State #709H

Lea County, New Mexico
Proposed Wellbore

330' FNL
740' FWL
Section 16
T-26-S, R-33-E

API: 30-025-*****

KB: 3,306'
GL: 3,281'



Lateral: 17,131' MD, 12,315' TVD

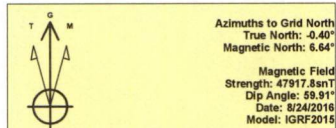
BH Location: 230' FSL & 330' FWL
Section 16
T-26-S, R-33-E



Lea County, NM (NAD 27 NME)

Braswell 16 State #709H

Plan #0.2



To convert a Magnetic Direction to a Grid Direction, Add 6.64°
To convert a Magnetic Direction to a True Direction, Add 7.03° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

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: #709H

Ground Level: 3281.0
KB = 25' @ 3296.0usft
Northing 382630.00 Easting 732504.00 Latitude 32° 2' 59.077 N Longitude 103° 34' 58.482 W

SECTION DETAILS

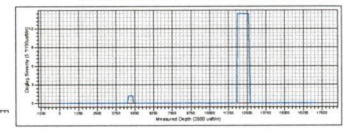
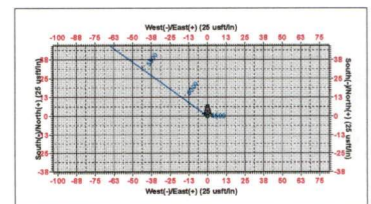
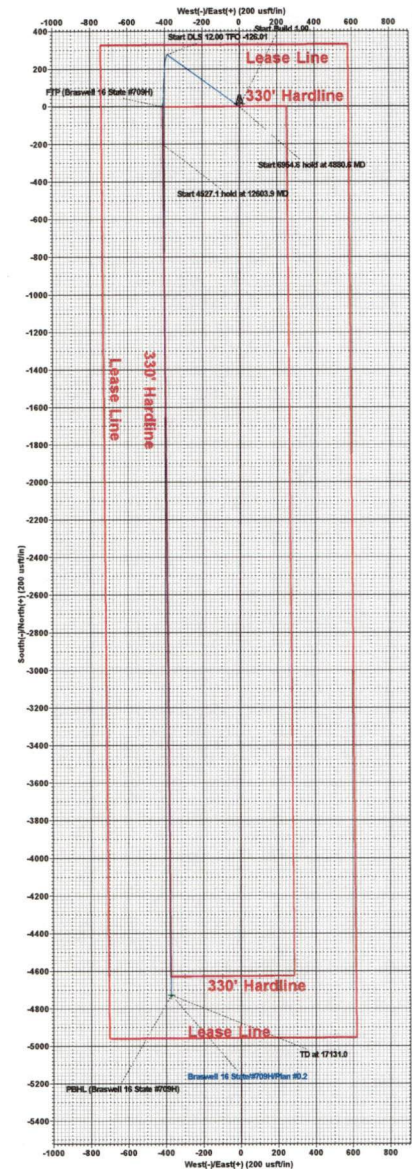
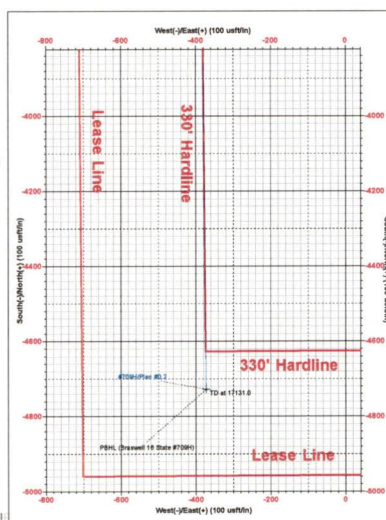
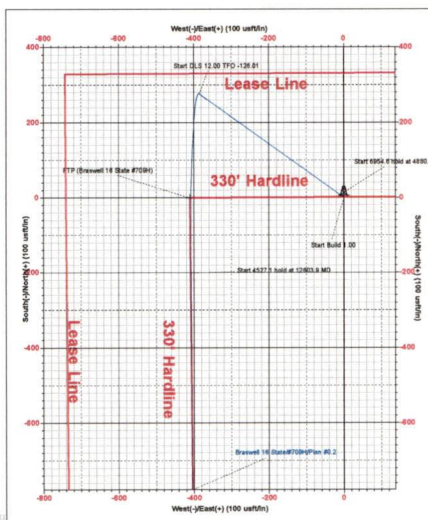
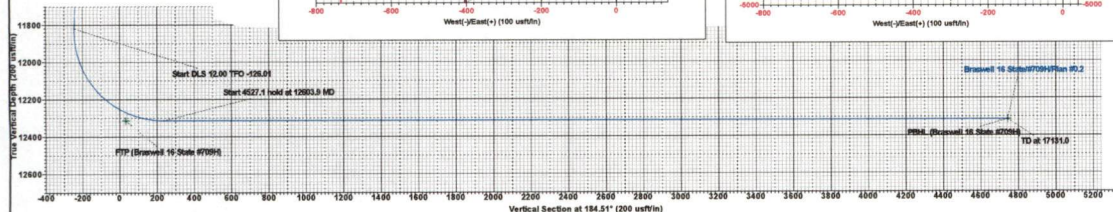
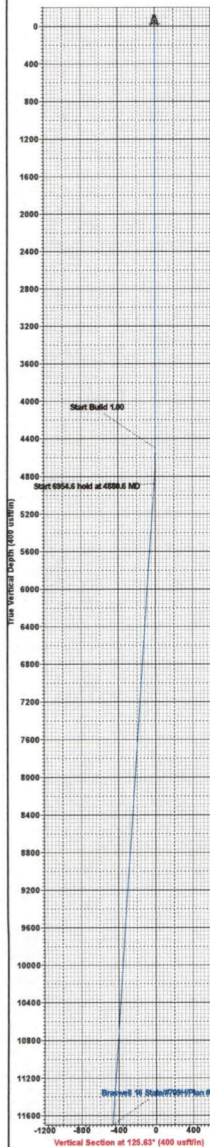
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	4880.6	3.81	305.63	4880.3	7.4	-10.3	1.00	305.63	-6.5	
4	11835.2	3.81	305.63	11819.6	276.3	-385.5	0.00	0.00	-245.1	
5	12603.9	90.00	179.55	12315.0	-201.0	-408.4	12.00	-126.01	232.5	
6	17131.0	90.00	179.55	12315.0	-4728.0	-373.0	0.00	0.00	4742.7	PBHL (Braswell 16 State #709H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Braswell 16 State #709H)	12315.0	-4728.0	-373.0	377902.00	732131.00
FTP (Braswell 16 State #709H)	12315.0	-1.0	-410.0	382629.00	732094.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Braswell 16 State

#709H

OH

Plan: Plan #0.2

Standard Planning Report

30 August, 2016



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #709H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3296.0usft
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3296.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#709H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

Project	Lea County, NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Braswell 16 State		
Site Position:		Northing:	378,303.00 usft
From:	Map	Easting:	736,347.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 15.991 N
		Longitude:	103° 34' 14.187 W
		Grid Convergence:	0.40 °

Well	#709H		
Well Position	+N/-S	4,327.0 usft	Northing: 382,630.00 usft
	+E/-W	-3,843.0 usft	Easting: 732,504.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 2' 59.077 N
		Longitude:	103° 34' 58.482 W
		Ground Level:	3,281.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/24/2016	7.03	59.91	47,918

Design	Plan #0.2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	184.51

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,880.6	3.81	305.63	4,880.3	7.4	-10.3	1.00	1.00	0.00	305.63	
11,835.2	3.81	305.63	11,819.6	276.3	-385.5	0.00	0.00	0.00	0.00	
12,603.9	90.00	179.55	12,315.0	-201.0	-408.4	12.00	11.21	-16.40	-126.01	
17,131.0	90.00	179.55	12,315.0	-4,728.0	-373.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 St



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #709H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3296.0usft
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3296.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#709H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	1.00	305.63	4,600.0	0.5	-0.7	-0.5	1.00	1.00	0.00
4,700.0	2.00	305.63	4,700.0	2.0	-2.8	-1.8	1.00	1.00	0.00
4,800.0	3.00	305.63	4,799.9	4.6	-6.4	-4.1	1.00	1.00	0.00
4,880.6	3.81	305.63	4,880.3	7.4	-10.3	-6.5	1.00	1.00	0.00
4,900.0	3.81	305.63	4,899.7	8.1	-11.3	-7.2	0.00	0.00	0.00
5,000.0	3.81	305.63	4,999.5	12.0	-16.7	-10.6	0.00	0.00	0.00
5,100.0	3.81	305.63	5,099.2	15.8	-22.1	-14.1	0.00	0.00	0.00
5,200.0	3.81	305.63	5,199.0	19.7	-27.5	-17.5	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #709H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3296.0usft
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3296.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#709H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
5,300.0	3.81	305.63	5,298.8	23.6	-32.9	-20.9	0.00	0.00	0.00
5,400.0	3.81	305.63	5,398.6	27.4	-38.3	-24.3	0.00	0.00	0.00
5,500.0	3.81	305.63	5,498.4	31.3	-43.7	-27.8	0.00	0.00	0.00
5,600.0	3.81	305.63	5,598.1	35.2	-49.1	-31.2	0.00	0.00	0.00
5,700.0	3.81	305.63	5,697.9	39.0	-54.5	-34.6	0.00	0.00	0.00
5,800.0	3.81	305.63	5,797.7	42.9	-59.9	-38.1	0.00	0.00	0.00
5,900.0	3.81	305.63	5,897.5	46.8	-65.3	-41.5	0.00	0.00	0.00
6,000.0	3.81	305.63	5,997.3	50.6	-70.7	-44.9	0.00	0.00	0.00
6,100.0	3.81	305.63	6,097.0	54.5	-76.1	-48.4	0.00	0.00	0.00
6,200.0	3.81	305.63	6,196.8	58.4	-81.5	-51.8	0.00	0.00	0.00
6,300.0	3.81	305.63	6,296.6	62.2	-86.9	-55.2	0.00	0.00	0.00
6,400.0	3.81	305.63	6,396.4	66.1	-92.3	-58.7	0.00	0.00	0.00
6,500.0	3.81	305.63	6,496.1	70.0	-97.7	-62.1	0.00	0.00	0.00
6,600.0	3.81	305.63	6,595.9	73.8	-103.0	-65.5	0.00	0.00	0.00
6,700.0	3.81	305.63	6,695.7	77.7	-108.4	-68.9	0.00	0.00	0.00
6,800.0	3.81	305.63	6,795.5	81.6	-113.8	-72.4	0.00	0.00	0.00
6,900.0	3.81	305.63	6,895.3	85.4	-119.2	-75.8	0.00	0.00	0.00
7,000.0	3.81	305.63	6,995.0	89.3	-124.6	-79.2	0.00	0.00	0.00
7,100.0	3.81	305.63	7,094.8	93.2	-130.0	-82.7	0.00	0.00	0.00
7,200.0	3.81	305.63	7,194.6	97.0	-135.4	-86.1	0.00	0.00	0.00
7,300.0	3.81	305.63	7,294.4	100.9	-140.8	-89.5	0.00	0.00	0.00
7,400.0	3.81	305.63	7,394.2	104.8	-146.2	-93.0	0.00	0.00	0.00
7,500.0	3.81	305.63	7,493.9	108.6	-151.6	-96.4	0.00	0.00	0.00
7,600.0	3.81	305.63	7,593.7	112.5	-157.0	-99.8	0.00	0.00	0.00
7,700.0	3.81	305.63	7,693.5	116.4	-162.4	-103.2	0.00	0.00	0.00
7,800.0	3.81	305.63	7,793.3	120.2	-167.8	-106.7	0.00	0.00	0.00
7,900.0	3.81	305.63	7,893.1	124.1	-173.2	-110.1	0.00	0.00	0.00
8,000.0	3.81	305.63	7,992.8	128.0	-178.6	-113.5	0.00	0.00	0.00
8,100.0	3.81	305.63	8,092.6	131.8	-184.0	-117.0	0.00	0.00	0.00
8,200.0	3.81	305.63	8,192.4	135.7	-189.4	-120.4	0.00	0.00	0.00
8,300.0	3.81	305.63	8,292.2	139.6	-194.8	-123.8	0.00	0.00	0.00
8,400.0	3.81	305.63	8,392.0	143.4	-200.2	-127.3	0.00	0.00	0.00
8,500.0	3.81	305.63	8,491.7	147.3	-205.6	-130.7	0.00	0.00	0.00
8,600.0	3.81	305.63	8,591.5	151.2	-211.0	-134.1	0.00	0.00	0.00
8,700.0	3.81	305.63	8,691.3	155.0	-216.4	-137.6	0.00	0.00	0.00
8,800.0	3.81	305.63	8,791.1	158.9	-221.8	-141.0	0.00	0.00	0.00
8,900.0	3.81	305.63	8,890.9	162.8	-227.2	-144.4	0.00	0.00	0.00
9,000.0	3.81	305.63	8,990.6	166.6	-232.5	-147.8	0.00	0.00	0.00
9,100.0	3.81	305.63	9,090.4	170.5	-237.9	-151.3	0.00	0.00	0.00
9,200.0	3.81	305.63	9,190.2	174.4	-243.3	-154.7	0.00	0.00	0.00
9,300.0	3.81	305.63	9,290.0	178.3	-248.7	-158.1	0.00	0.00	0.00
9,400.0	3.81	305.63	9,389.8	182.1	-254.1	-161.6	0.00	0.00	0.00
9,500.0	3.81	305.63	9,489.5	186.0	-259.5	-165.0	0.00	0.00	0.00
9,600.0	3.81	305.63	9,589.3	189.9	-264.9	-168.4	0.00	0.00	0.00
9,700.0	3.81	305.63	9,689.1	193.7	-270.3	-171.9	0.00	0.00	0.00
9,800.0	3.81	305.63	9,788.9	197.6	-275.7	-175.3	0.00	0.00	0.00
9,900.0	3.81	305.63	9,888.6	201.5	-281.1	-178.7	0.00	0.00	0.00
10,000.0	3.81	305.63	9,988.4	205.3	-286.5	-182.1	0.00	0.00	0.00
10,100.0	3.81	305.63	10,088.2	209.2	-291.9	-185.6	0.00	0.00	0.00
10,200.0	3.81	305.63	10,188.0	213.1	-297.3	-189.0	0.00	0.00	0.00
10,300.0	3.81	305.63	10,287.8	216.9	-302.7	-192.4	0.00	0.00	0.00
10,400.0	3.81	305.63	10,387.5	220.8	-308.1	-195.9	0.00	0.00	0.00
10,500.0	3.81	305.63	10,487.3	224.7	-313.5	-199.3	0.00	0.00	0.00
10,600.0	3.81	305.63	10,587.1	228.5	-318.9	-202.7	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #709H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3296.0usft
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3296.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#709H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
10,700.0	3.81	305.63	10,686.9	232.4	-324.3	-206.2	0.00	0.00	0.00
10,800.0	3.81	305.63	10,786.7	236.3	-329.7	-209.6	0.00	0.00	0.00
10,900.0	3.81	305.63	10,886.4	240.1	-335.1	-213.0	0.00	0.00	0.00
11,000.0	3.81	305.63	10,986.2	244.0	-340.5	-216.5	0.00	0.00	0.00
11,100.0	3.81	305.63	11,086.0	247.9	-345.9	-219.9	0.00	0.00	0.00
11,200.0	3.81	305.63	11,185.8	251.7	-351.3	-223.3	0.00	0.00	0.00
11,300.0	3.81	305.63	11,285.6	255.6	-356.7	-226.7	0.00	0.00	0.00
11,400.0	3.81	305.63	11,385.3	259.5	-362.0	-230.2	0.00	0.00	0.00
11,500.0	3.81	305.63	11,485.1	263.3	-367.4	-233.6	0.00	0.00	0.00
11,600.0	3.81	305.63	11,584.9	267.2	-372.8	-237.0	0.00	0.00	0.00
11,700.0	3.81	305.63	11,684.7	271.1	-378.2	-240.5	0.00	0.00	0.00
11,800.0	3.81	305.63	11,784.5	274.9	-383.6	-243.9	0.00	0.00	0.00
11,835.2	3.81	305.63	11,819.6	276.3	-385.5	-245.1	0.00	0.00	0.00
11,850.0	3.11	278.15	11,834.4	276.6	-386.3	-245.4	12.00	-4.69	-185.75
11,875.0	3.99	230.05	11,859.3	276.2	-387.7	-244.8	12.00	3.50	-192.41
11,900.0	6.33	208.54	11,884.2	274.4	-389.0	-243.0	12.00	9.38	-86.01
11,925.0	9.07	199.24	11,909.0	271.3	-390.3	-239.8	12.00	10.95	-37.22
11,950.0	11.93	194.29	11,933.6	267.0	-391.6	-235.3	12.00	11.46	-19.79
11,975.0	14.85	191.25	11,957.9	261.3	-392.8	-229.6	12.00	11.67	-12.16
12,000.0	17.79	189.20	11,981.9	254.4	-394.1	-222.6	12.00	11.78	-8.22
12,025.0	20.75	187.71	12,005.5	246.2	-395.3	-214.4	12.00	11.84	-5.95
12,050.0	23.72	186.58	12,028.6	236.8	-396.5	-204.9	12.00	11.88	-4.52
12,075.0	26.70	185.69	12,051.2	226.3	-397.6	-194.3	12.00	11.90	-3.56
12,100.0	29.68	184.97	12,073.3	214.5	-398.7	-182.5	12.00	11.92	-2.89
12,125.0	32.66	184.36	12,094.6	201.6	-399.7	-169.5	12.00	11.94	-2.41
12,150.0	35.65	183.85	12,115.3	187.6	-400.7	-155.5	12.00	11.94	-2.05
12,175.0	38.64	183.41	12,135.3	172.5	-401.7	-140.4	12.00	11.95	-1.77
12,200.0	41.63	183.02	12,154.4	156.5	-402.6	-124.3	12.00	11.96	-1.55
12,225.0	44.62	182.68	12,172.6	139.4	-403.4	-107.2	12.00	11.96	-1.38
12,250.0	47.61	182.36	12,189.9	121.4	-404.2	-89.2	12.00	11.97	-1.24
12,275.0	50.60	182.08	12,206.3	102.5	-405.0	-70.3	12.00	11.97	-1.13
12,300.0	53.60	181.82	12,221.7	82.8	-405.6	-50.6	12.00	11.97	-1.04
12,325.0	56.59	181.58	12,236.0	62.3	-406.2	-30.2	12.00	11.97	-0.96
12,350.0	59.58	181.36	12,249.2	41.1	-406.8	-9.0	12.00	11.98	-0.89
12,375.0	62.58	181.15	12,261.3	19.2	-407.3	12.9	12.00	11.98	-0.84
12,400.0	65.57	180.95	12,272.2	-3.3	-407.7	35.3	12.00	11.98	-0.80
12,414.6	67.32	180.84	12,278.0	-16.7	-407.9	48.7	12.00	11.98	-0.77
FTP (Braswell 16 State #709H)									
12,425.0	68.57	180.76	12,281.9	-26.3	-408.0	58.3	12.00	11.98	-0.75
12,450.0	71.56	180.58	12,290.5	-49.8	-408.3	81.7	12.00	11.98	-0.73
12,475.0	74.56	180.40	12,297.7	-73.7	-408.5	105.6	12.00	11.98	-0.70
12,500.0	77.55	180.23	12,303.8	-98.0	-408.6	129.8	12.00	11.98	-0.68
12,525.0	80.55	180.06	12,308.5	-122.5	-408.7	154.3	12.00	11.98	-0.67
12,550.0	83.54	179.90	12,312.0	-147.3	-408.7	178.9	12.00	11.98	-0.66
12,575.0	86.54	179.74	12,314.1	-172.2	-408.6	203.8	12.00	11.98	-0.65
12,600.0	89.54	179.58	12,315.0	-197.1	-408.5	228.7	12.00	11.98	-0.65
12,603.9	90.00	179.55	12,315.0	-201.0	-408.4	232.5	12.00	11.98	-0.64
12,700.0	90.00	179.55	12,315.0	-297.1	-407.7	328.3	0.00	0.00	0.00
12,800.0	90.00	179.55	12,315.0	-397.1	-406.9	427.9	0.00	0.00	0.00
12,900.0	90.00	179.55	12,315.0	-497.1	-406.1	527.5	0.00	0.00	0.00
13,000.0	90.00	179.55	12,315.0	-597.1	-405.3	627.2	0.00	0.00	0.00
13,100.0	90.00	179.55	12,315.0	-697.1	-404.6	726.8	0.00	0.00	0.00
13,200.0	90.00	179.55	12,315.0	-797.1	-403.8	826.4	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3296.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#709H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
13,300.0	90.00	179.55	12,315.0	-897.1	-403.0	926.0	0.00	0.00	0.00
13,400.0	90.00	179.55	12,315.0	-997.1	-402.2	1,025.7	0.00	0.00	0.00
13,500.0	90.00	179.55	12,315.0	-1,097.1	-401.4	1,125.3	0.00	0.00	0.00
13,600.0	90.00	179.55	12,315.0	-1,197.1	-400.6	1,224.9	0.00	0.00	0.00
13,700.0	90.00	179.55	12,315.0	-1,297.1	-399.9	1,324.5	0.00	0.00	0.00
13,800.0	90.00	179.55	12,315.0	-1,397.1	-399.1	1,424.2	0.00	0.00	0.00
13,900.0	90.00	179.55	12,315.0	-1,497.1	-398.3	1,523.8	0.00	0.00	0.00
14,000.0	90.00	179.55	12,315.0	-1,597.1	-397.5	1,623.4	0.00	0.00	0.00
14,100.0	90.00	179.55	12,315.0	-1,697.1	-396.7	1,723.0	0.00	0.00	0.00
14,200.0	90.00	179.55	12,315.0	-1,797.1	-395.9	1,822.7	0.00	0.00	0.00
14,300.0	90.00	179.55	12,315.0	-1,897.1	-395.2	1,922.3	0.00	0.00	0.00
14,400.0	90.00	179.55	12,315.0	-1,997.1	-394.4	2,021.9	0.00	0.00	0.00
14,500.0	90.00	179.55	12,315.0	-2,097.1	-393.6	2,121.5	0.00	0.00	0.00
14,600.0	90.00	179.55	12,315.0	-2,197.1	-392.8	2,221.2	0.00	0.00	0.00
14,700.0	90.00	179.55	12,315.0	-2,297.1	-392.0	2,320.8	0.00	0.00	0.00
14,800.0	90.00	179.55	12,315.0	-2,397.1	-391.2	2,420.4	0.00	0.00	0.00
14,900.0	90.00	179.55	12,315.0	-2,497.1	-390.5	2,520.0	0.00	0.00	0.00
15,000.0	90.00	179.55	12,315.0	-2,597.1	-389.7	2,619.7	0.00	0.00	0.00
15,100.0	90.00	179.55	12,315.0	-2,697.1	-388.9	2,719.3	0.00	0.00	0.00
15,200.0	90.00	179.55	12,315.0	-2,797.1	-388.1	2,818.9	0.00	0.00	0.00
15,300.0	90.00	179.55	12,315.0	-2,897.1	-387.3	2,918.5	0.00	0.00	0.00
15,400.0	90.00	179.55	12,315.0	-2,997.1	-386.5	3,018.2	0.00	0.00	0.00
15,500.0	90.00	179.55	12,315.0	-3,097.0	-385.8	3,117.8	0.00	0.00	0.00
15,600.0	90.00	179.55	12,315.0	-3,197.0	-385.0	3,217.4	0.00	0.00	0.00
15,700.0	90.00	179.55	12,315.0	-3,297.0	-384.2	3,317.0	0.00	0.00	0.00
15,800.0	90.00	179.55	12,315.0	-3,397.0	-383.4	3,416.7	0.00	0.00	0.00
15,900.0	90.00	179.55	12,315.0	-3,497.0	-382.6	3,516.3	0.00	0.00	0.00
16,000.0	90.00	179.55	12,315.0	-3,597.0	-381.9	3,615.9	0.00	0.00	0.00
16,100.0	90.00	179.55	12,315.0	-3,697.0	-381.1	3,715.5	0.00	0.00	0.00
16,200.0	90.00	179.55	12,315.0	-3,797.0	-380.3	3,815.2	0.00	0.00	0.00
16,300.0	90.00	179.55	12,315.0	-3,897.0	-379.5	3,914.8	0.00	0.00	0.00
16,400.0	90.00	179.55	12,315.0	-3,997.0	-378.7	4,014.4	0.00	0.00	0.00
16,500.0	90.00	179.55	12,315.0	-4,097.0	-377.9	4,114.1	0.00	0.00	0.00
16,600.0	90.00	179.55	12,315.0	-4,197.0	-377.2	4,213.7	0.00	0.00	0.00
16,700.0	90.00	179.55	12,315.0	-4,297.0	-376.4	4,313.3	0.00	0.00	0.00
16,800.0	90.00	179.55	12,315.0	-4,397.0	-375.6	4,412.9	0.00	0.00	0.00
16,900.0	90.00	179.55	12,315.0	-4,497.0	-374.8	4,512.6	0.00	0.00	0.00
17,000.0	90.00	179.55	12,315.0	-4,597.0	-374.0	4,612.2	0.00	0.00	0.00
17,100.0	90.00	179.55	12,315.0	-4,697.0	-373.2	4,711.8	0.00	0.00	0.00
17,131.0	90.00	179.55	12,315.0	-4,728.0	-373.0	4,742.7	0.00	0.00	0.00
PBHL (Braswell 16 State #709H)									



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #709H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3296.0usft
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3296.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#709H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
FTP (Braswell 16 State #	0.00	0.00	12,315.0	-1.0	-410.0	382,629.00	732,094.00	32° 2' 59.095 N	103° 35' 3.245 W
- plan misses target center by 40.2usft at 12414.6usft MD (12278.0 TVD, -16.7 N, -407.9 E)									
- Point									
PBHL (Braswell 16 State	0.00	0.00	12,315.0	-4,728.0	-373.0	377,902.00	732,131.00	32° 2' 12.315 N	103° 35' 3.196 W
- plan hits target center									
- Point									