

OCD - HOBBS

06/27/2016

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30-025-43321



Lea County, NM (NAD 27 NME)

Braswell 16 State Com #705H

Plan #.01

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: #705H

Ground Level: 3271.0  
 KB = 25' @ 3296.0usft  
 Northing 377860.00 Easting 733703.00 Latitude 32° 2' 11.791 N Longitude 103° 34' 44.938 W

## SECTION DETAILS

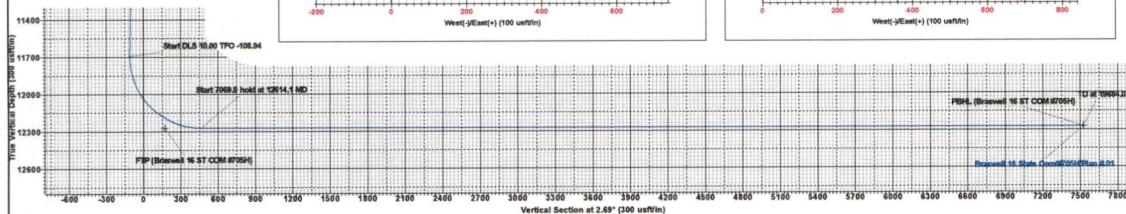
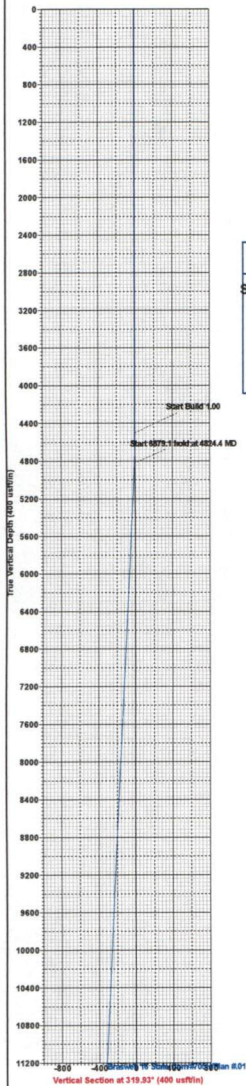
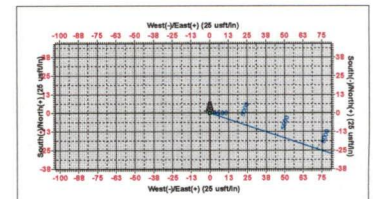
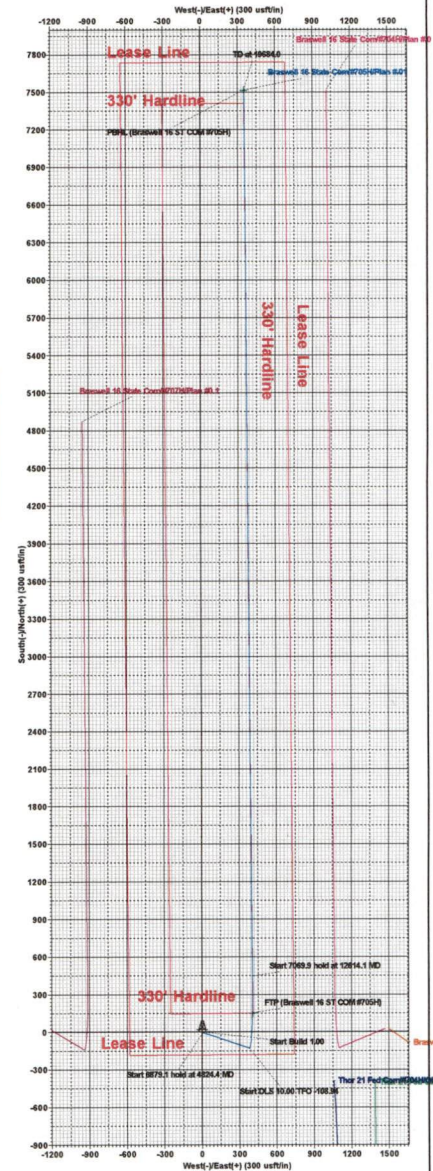
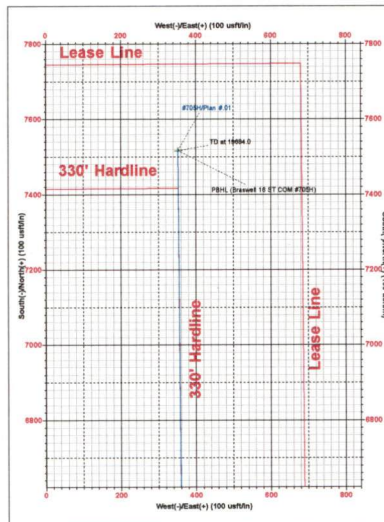
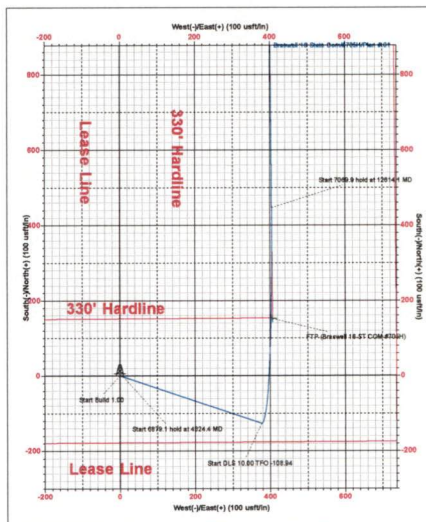
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	4824.4	3.24	108.55	4824.3	-2.9	8.7	1.00	108.55	-2.5	
4	11703.5	3.24	108.55	11692.3	-126.8	377.8	0.00	0.00	-108.9	
5	12614.1	90.00	359.58	12275.0	446.3	404.8	10.00	-108.94	464.8	
6	19684.0	90.00	359.58	12275.0	7516.0	353.0	0.00	0.00	7524.3	PBHL (Braswell 16 ST COM #705H)

## CASING DETAILS

No casing data is available

## WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Braswell 16 ST COM #705H)	12275.0	7516.0	353.0	385376.00	734086.00
FTP (Braswell 16 ST COM #705H)	12275.0	152.0	407.0	378012.00	734110.00



Lea County, NM (NAD 27 NME)  
 Braswell 16 State Com #705H  
 Plan #.01  
 100 June 22 2016



## **EOG Resources - Midland**

**Lea County, NM (NAD 27 NME)**

**Braswell 16 State Com**

**#705H**

**OH**

**Plan: Plan #.01**

## **Standard Planning Report**

**23 June, 2016**





**EOG Resources, Inc.**  
Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well #705H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB = 25' @ 3296.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB = 25' @ 3296.0usft
<b>Site:</b>	Braswell 16 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#705H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #.01		

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

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

<b>Well</b>	#705H		
<b>Well Position</b>	<b>+N/-S</b>	-443.0 usft	<b>Northing:</b> 377,860.00 usft
	<b>+E/-W</b>	-2,644.0 usft	<b>Easting:</b> 733,703.00 usft
<b>Position Uncertainty</b>	0.0 usft	<b>Wellhead Elevation:</b>	0.0 usft
		<b>Latitude:</b>	32° 2' 11.791 N
		<b>Longitude:</b>	103° 34' 44.938 W
		<b>Ground Level:</b>	3,271.0 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	6/22/2016	7.05	59.90	47,928

<b>Design</b>	Plan #.01			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	2.69

<b>Plan Sections</b>										
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	
4,824.4	3.24	108.55	4,824.3	-2.9	8.7	1.00	1.00	0.00	108.55	
11,703.5	3.24	108.55	11,692.3	-126.8	377.8	0.00	0.00	0.00	0.00	
12,614.1	90.00	359.58	12,275.0	446.3	404.8	10.00	9.53	-11.97	-108.94	
19,684.0	90.00	359.58	12,275.0	7,516.0	353.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 S1)



# EOG Resources, Inc.

## Planning Report

Database: EDM 5000.1 Single User Db  
Company: EOG Resources - Midland  
Project: Lea County, NM (NAD 27 NME)  
Site: Braswell 16 State Com  
Well: #705H  
Wellbore: OH  
Design: Plan #.01

Local Co-ordinate Reference: Well #705H  
TVD Reference: KB = 25' @ 3296.0usft  
MD Reference: KB = 25' @ 3296.0usft  
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)
0.0	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	108.55	4,600.0	-0.3	0.8	-0.2	1.00	1.00	0.00
4,700.0	2.00	108.55	4,700.0	-1.1	3.3	-1.0	1.00	1.00	0.00
4,800.0	3.00	108.55	4,799.9	-2.5	7.4	-2.1	1.00	1.00	0.00
4,824.4	3.24	108.55	4,824.3	-2.9	8.7	-2.5	1.00	1.00	0.00
4,900.0	3.24	108.55	4,899.7	-4.3	12.8	-3.7	0.00	0.00	0.00
5,000.0	3.24	108.55	4,999.5	-6.1	18.1	-5.2	0.00	0.00	0.00
5,100.0	3.24	108.55	5,099.4	-7.9	23.5	-6.8	0.00	0.00	0.00
5,200.0	3.24	108.55	5,199.2	-9.7	28.9	-8.3	0.00	0.00	0.00





# EOG Resources, Inc.

## Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well #705H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB = 25' @ 3296.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB = 25' @ 3296.0usft
<b>Site:</b>	Braswell 16 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#705H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #.01		

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	3.24	108.55	5,299.1	-11.5	34.2	-9.9	0.00	0.00	0.00	
5,400.0	3.24	108.55	5,398.9	-13.3	39.6	-11.4	0.00	0.00	0.00	
5,500.0	3.24	108.55	5,498.7	-15.1	45.0	-13.0	0.00	0.00	0.00	
5,600.0	3.24	108.55	5,598.6	-16.9	50.3	-14.5	0.00	0.00	0.00	
5,700.0	3.24	108.55	5,698.4	-18.7	55.7	-16.1	0.00	0.00	0.00	
5,800.0	3.24	108.55	5,798.3	-20.5	61.0	-17.6	0.00	0.00	0.00	
5,900.0	3.24	108.55	5,898.1	-22.3	66.4	-19.1	0.00	0.00	0.00	
6,000.0	3.24	108.55	5,997.9	-24.1	71.8	-20.7	0.00	0.00	0.00	
6,100.0	3.24	108.55	6,097.8	-25.9	77.1	-22.2	0.00	0.00	0.00	
6,200.0	3.24	108.55	6,197.6	-27.7	82.5	-23.8	0.00	0.00	0.00	
6,300.0	3.24	108.55	6,297.5	-29.5	87.9	-25.3	0.00	0.00	0.00	
6,400.0	3.24	108.55	6,397.3	-31.3	93.2	-26.9	0.00	0.00	0.00	
6,500.0	3.24	108.55	6,497.1	-33.1	98.6	-28.4	0.00	0.00	0.00	
6,600.0	3.24	108.55	6,597.0	-34.9	104.0	-30.0	0.00	0.00	0.00	
6,700.0	3.24	108.55	6,696.8	-36.7	109.3	-31.5	0.00	0.00	0.00	
6,800.0	3.24	108.55	6,796.7	-38.5	114.7	-33.1	0.00	0.00	0.00	
6,900.0	3.24	108.55	6,896.5	-40.3	120.1	-34.6	0.00	0.00	0.00	
7,000.0	3.24	108.55	6,996.3	-42.1	125.4	-36.2	0.00	0.00	0.00	
7,100.0	3.24	108.55	7,096.2	-43.9	130.8	-37.7	0.00	0.00	0.00	
7,200.0	3.24	108.55	7,196.0	-45.7	136.2	-39.3	0.00	0.00	0.00	
7,300.0	3.24	108.55	7,295.9	-47.5	141.5	-40.8	0.00	0.00	0.00	
7,400.0	3.24	108.55	7,395.7	-49.3	146.9	-42.4	0.00	0.00	0.00	
7,500.0	3.24	108.55	7,495.5	-51.1	152.3	-43.9	0.00	0.00	0.00	
7,600.0	3.24	108.55	7,595.4	-52.9	157.6	-45.4	0.00	0.00	0.00	
7,700.0	3.24	108.55	7,695.2	-54.7	163.0	-47.0	0.00	0.00	0.00	
7,800.0	3.24	108.55	7,795.1	-56.5	168.4	-48.5	0.00	0.00	0.00	
7,900.0	3.24	108.55	7,894.9	-58.3	173.7	-50.1	0.00	0.00	0.00	
8,000.0	3.24	108.55	7,994.7	-60.1	179.1	-51.6	0.00	0.00	0.00	
8,100.0	3.24	108.55	8,094.6	-61.9	184.4	-53.2	0.00	0.00	0.00	
8,200.0	3.24	108.55	8,194.4	-63.7	189.8	-54.7	0.00	0.00	0.00	
8,300.0	3.24	108.55	8,294.3	-65.5	195.2	-56.3	0.00	0.00	0.00	
8,400.0	3.24	108.55	8,394.1	-67.3	200.5	-57.8	0.00	0.00	0.00	
8,500.0	3.24	108.55	8,493.9	-69.1	205.9	-59.4	0.00	0.00	0.00	
8,600.0	3.24	108.55	8,593.8	-70.9	211.3	-60.9	0.00	0.00	0.00	
8,700.0	3.24	108.55	8,693.6	-72.7	216.6	-62.5	0.00	0.00	0.00	
8,800.0	3.24	108.55	8,793.5	-74.5	222.0	-64.0	0.00	0.00	0.00	
8,900.0	3.24	108.55	8,893.3	-76.3	227.4	-65.6	0.00	0.00	0.00	
9,000.0	3.24	108.55	8,993.1	-78.1	232.7	-67.1	0.00	0.00	0.00	
9,100.0	3.24	108.55	9,093.0	-79.9	238.1	-68.6	0.00	0.00	0.00	
9,200.0	3.24	108.55	9,192.8	-81.7	243.5	-70.2	0.00	0.00	0.00	
9,300.0	3.24	108.55	9,292.7	-83.5	248.8	-71.7	0.00	0.00	0.00	
9,400.0	3.24	108.55	9,392.5	-85.3	254.2	-73.3	0.00	0.00	0.00	
9,500.0	3.24	108.55	9,492.3	-87.1	259.6	-74.8	0.00	0.00	0.00	
9,600.0	3.24	108.55	9,592.2	-88.9	264.9	-76.4	0.00	0.00	0.00	
9,700.0	3.24	108.55	9,692.0	-90.7	270.3	-77.9	0.00	0.00	0.00	
9,800.0	3.24	108.55	9,791.9	-92.5	275.7	-79.5	0.00	0.00	0.00	
9,900.0	3.24	108.55	9,891.7	-94.3	281.0	-81.0	0.00	0.00	0.00	
10,000.0	3.24	108.55	9,991.5	-96.1	286.4	-82.6	0.00	0.00	0.00	
10,100.0	3.24	108.55	10,091.4	-97.9	291.8	-84.1	0.00	0.00	0.00	
10,200.0	3.24	108.55	10,191.2	-99.7	297.1	-85.7	0.00	0.00	0.00	
10,300.0	3.24	108.55	10,291.1	-101.5	302.5	-87.2	0.00	0.00	0.00	
10,400.0	3.24	108.55	10,390.9	-103.3	307.9	-88.8	0.00	0.00	0.00	
10,500.0	3.24	108.55	10,490.7	-105.1	313.2	-90.3	0.00	0.00	0.00	
10,600.0	3.24	108.55	10,590.6	-106.9	318.6	-91.9	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 27 NME)  
Site: Braswell 16 State Com  
Well: #705H  
Wellbore: OH  
Design: Plan #.01

Local Co-ordinate Reference: Well #705H  
TVD Reference: KB = 25' @ 3296.0usft  
MD Reference: KB = 25' @ 3296.0usft  
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)
10,700.0	3.24	108.55	10,690.4	-108.7	323.9	-93.4	0.00	0.00	0.00
10,800.0	3.24	108.55	10,790.2	-110.5	329.3	-94.9	0.00	0.00	0.00
10,900.0	3.24	108.55	10,890.1	-112.3	334.7	-96.5	0.00	0.00	0.00
11,000.0	3.24	108.55	10,989.9	-114.1	340.0	-98.0	0.00	0.00	0.00
11,100.0	3.24	108.55	11,089.8	-115.9	345.4	-99.6	0.00	0.00	0.00
11,200.0	3.24	108.55	11,189.6	-117.7	350.8	-101.1	0.00	0.00	0.00
11,300.0	3.24	108.55	11,289.4	-119.5	356.1	-102.7	0.00	0.00	0.00
11,400.0	3.24	108.55	11,389.3	-121.3	361.5	-104.2	0.00	0.00	0.00
11,500.0	3.24	108.55	11,489.1	-123.1	366.9	-105.8	0.00	0.00	0.00
11,600.0	3.24	108.55	11,589.0	-124.9	372.2	-107.3	0.00	0.00	0.00
11,703.5	3.24	108.55	11,692.3	-126.8	377.8	-108.9	0.00	0.00	0.00
11,750.0	4.72	40.03	11,738.7	-125.7	380.3	-107.8	10.00	3.18	-147.46
11,800.0	9.12	19.09	11,788.3	-120.4	382.9	-102.3	10.00	8.79	-41.89
11,850.0	13.93	12.06	11,837.3	-110.8	385.4	-92.6	10.00	9.62	-14.05
11,900.0	18.83	8.62	11,885.3	-96.9	387.9	-78.6	10.00	9.81	-6.88
11,950.0	23.78	6.57	11,931.8	-78.9	390.3	-60.5	10.00	9.89	-4.11
12,000.0	28.74	5.19	11,976.7	-56.9	392.5	-38.4	10.00	9.93	-2.76
12,050.0	33.72	4.19	12,019.4	-31.1	394.6	-12.5	10.00	9.95	-2.00
12,100.0	38.70	3.42	12,059.7	-1.6	396.6	17.0	10.00	9.96	-1.54
12,150.0	43.68	2.80	12,097.4	31.3	398.3	49.9	10.00	9.97	-1.24
12,200.0	48.66	2.28	12,132.0	67.3	399.9	86.0	10.00	9.97	-1.03
12,250.0	53.65	1.84	12,163.3	106.2	401.3	124.9	10.00	9.98	-0.88
12,300.0	58.64	1.45	12,191.2	147.7	402.5	166.4	10.00	9.98	-0.78
12,344.3	63.07	1.14	12,212.8	186.4	403.4	205.1	10.00	9.98	-0.70
<b>FTP (Braswell 16 ST COM #705H)</b>									
12,350.0	63.63	1.10	12,215.3	191.4	403.5	210.2	10.00	9.98	-0.67
12,400.0	68.62	0.78	12,235.5	237.1	404.2	255.9	10.00	9.98	-0.64
12,450.0	73.62	0.48	12,251.7	284.4	404.8	303.1	10.00	9.98	-0.60
12,500.0	78.61	0.20	12,263.7	333.0	405.0	351.6	10.00	9.98	-0.57
12,550.0	83.60	359.92	12,271.4	382.3	405.1	400.9	10.00	9.99	-0.55
12,600.0	88.59	359.66	12,274.8	432.2	404.9	450.7	10.00	9.99	-0.54
12,614.1	90.00	359.58	12,275.0	446.3	404.8	464.8	10.00	9.99	-0.54
12,700.0	90.00	359.58	12,275.0	532.2	404.2	550.6	0.00	0.00	0.00
12,800.0	90.00	359.58	12,275.0	632.2	403.5	650.4	0.00	0.00	0.00
12,900.0	90.00	359.58	12,275.0	732.2	402.7	750.3	0.00	0.00	0.00
13,000.0	90.00	359.58	12,275.0	832.2	402.0	850.1	0.00	0.00	0.00
13,100.0	90.00	359.58	12,275.0	932.2	401.3	950.0	0.00	0.00	0.00
13,200.0	90.00	359.58	12,275.0	1,032.2	400.5	1,049.9	0.00	0.00	0.00
13,300.0	90.00	359.58	12,275.0	1,132.2	399.8	1,149.7	0.00	0.00	0.00
13,400.0	90.00	359.58	12,275.0	1,232.2	399.1	1,249.6	0.00	0.00	0.00
13,500.0	90.00	359.58	12,275.0	1,332.2	398.3	1,349.4	0.00	0.00	0.00
13,600.0	90.00	359.58	12,275.0	1,432.2	397.6	1,449.3	0.00	0.00	0.00
13,700.0	90.00	359.58	12,275.0	1,532.2	396.9	1,549.1	0.00	0.00	0.00
13,800.0	90.00	359.58	12,275.0	1,632.2	396.1	1,649.0	0.00	0.00	0.00
13,900.0	90.00	359.58	12,275.0	1,732.2	395.4	1,748.8	0.00	0.00	0.00
14,000.0	90.00	359.58	12,275.0	1,832.2	394.7	1,848.7	0.00	0.00	0.00
14,100.0	90.00	359.58	12,275.0	1,932.2	393.9	1,948.5	0.00	0.00	0.00
14,200.0	90.00	359.58	12,275.0	2,032.2	393.2	2,048.4	0.00	0.00	0.00
14,300.0	90.00	359.58	12,275.0	2,132.2	392.5	2,148.2	0.00	0.00	0.00
14,400.0	90.00	359.58	12,275.0	2,232.2	391.7	2,248.1	0.00	0.00	0.00
14,500.0	90.00	359.58	12,275.0	2,332.2	391.0	2,347.9	0.00	0.00	0.00
14,600.0	90.00	359.58	12,275.0	2,432.2	390.3	2,447.8	0.00	0.00	0.00
14,700.0	90.00	359.58	12,275.0	2,532.2	389.5	2,547.6	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 27 NME)  
 Site: Braswell 16 State Com  
 Well: #705H  
 Wellbore: OH  
 Design: Plan #.01

### Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well #705H

KB = 25' @ 3296.0usft

KB = 25' @ 3296.0usft

Grid

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)
14,800.0	90.00	359.58	12,275.0	2,632.2	388.8	2,647.5	0.00	0.00	0.00
14,900.0	90.00	359.58	12,275.0	2,732.2	388.1	2,747.3	0.00	0.00	0.00
15,000.0	90.00	359.58	12,275.0	2,832.1	387.3	2,847.2	0.00	0.00	0.00
15,100.0	90.00	359.58	12,275.0	2,932.1	386.6	2,947.1	0.00	0.00	0.00
15,200.0	90.00	359.58	12,275.0	3,032.1	385.9	3,046.9	0.00	0.00	0.00
15,300.0	90.00	359.58	12,275.0	3,132.1	385.1	3,146.8	0.00	0.00	0.00
15,400.0	90.00	359.58	12,275.0	3,232.1	384.4	3,246.6	0.00	0.00	0.00
15,500.0	90.00	359.58	12,275.0	3,332.1	383.7	3,346.5	0.00	0.00	0.00
15,600.0	90.00	359.58	12,275.0	3,432.1	382.9	3,446.3	0.00	0.00	0.00
15,700.0	90.00	359.58	12,275.0	3,532.1	382.2	3,546.2	0.00	0.00	0.00
15,800.0	90.00	359.58	12,275.0	3,632.1	381.5	3,646.0	0.00	0.00	0.00
15,900.0	90.00	359.58	12,275.0	3,732.1	380.7	3,745.9	0.00	0.00	0.00
16,000.0	90.00	359.58	12,275.0	3,832.1	380.0	3,845.7	0.00	0.00	0.00
16,100.0	90.00	359.58	12,275.0	3,932.1	379.3	3,945.6	0.00	0.00	0.00
16,200.0	90.00	359.58	12,275.0	4,032.1	378.5	4,045.4	0.00	0.00	0.00
16,300.0	90.00	359.58	12,275.0	4,132.1	377.8	4,145.3	0.00	0.00	0.00
16,400.0	90.00	359.58	12,275.0	4,232.1	377.1	4,245.1	0.00	0.00	0.00
16,500.0	90.00	359.58	12,275.0	4,332.1	376.3	4,345.0	0.00	0.00	0.00
16,600.0	90.00	359.58	12,275.0	4,432.1	375.6	4,444.8	0.00	0.00	0.00
16,700.0	90.00	359.58	12,275.0	4,532.1	374.9	4,544.7	0.00	0.00	0.00
16,800.0	90.00	359.58	12,275.0	4,632.1	374.1	4,644.6	0.00	0.00	0.00
16,900.0	90.00	359.58	12,275.0	4,732.1	373.4	4,744.4	0.00	0.00	0.00
17,000.0	90.00	359.58	12,275.0	4,832.1	372.7	4,844.3	0.00	0.00	0.00
17,100.0	90.00	359.58	12,275.0	4,932.1	371.9	4,944.1	0.00	0.00	0.00
17,200.0	90.00	359.58	12,275.0	5,032.1	371.2	5,044.0	0.00	0.00	0.00
17,300.0	90.00	359.58	12,275.0	5,132.1	370.5	5,143.8	0.00	0.00	0.00
17,400.0	90.00	359.58	12,275.0	5,232.1	369.7	5,243.7	0.00	0.00	0.00
17,500.0	90.00	359.58	12,275.0	5,332.1	369.0	5,343.5	0.00	0.00	0.00
17,600.0	90.00	359.58	12,275.0	5,432.1	368.3	5,443.4	0.00	0.00	0.00
17,700.0	90.00	359.58	12,275.0	5,532.1	367.5	5,543.2	0.00	0.00	0.00
17,800.0	90.00	359.58	12,275.0	5,632.1	366.8	5,643.1	0.00	0.00	0.00
17,900.0	90.00	359.58	12,275.0	5,732.1	366.1	5,742.9	0.00	0.00	0.00
18,000.0	90.00	359.58	12,275.0	5,832.1	365.3	5,842.8	0.00	0.00	0.00
18,100.0	90.00	359.58	12,275.0	5,932.1	364.6	5,942.6	0.00	0.00	0.00
18,200.0	90.00	359.58	12,275.0	6,032.1	363.9	6,042.5	0.00	0.00	0.00
18,300.0	90.00	359.58	12,275.0	6,132.1	363.1	6,142.3	0.00	0.00	0.00
18,400.0	90.00	359.58	12,275.0	6,232.1	362.4	6,242.2	0.00	0.00	0.00
18,500.0	90.00	359.58	12,275.0	6,332.1	361.7	6,342.1	0.00	0.00	0.00
18,600.0	90.00	359.58	12,275.0	6,432.1	360.9	6,441.9	0.00	0.00	0.00
18,700.0	90.00	359.58	12,275.0	6,532.0	360.2	6,541.8	0.00	0.00	0.00
18,800.0	90.00	359.58	12,275.0	6,632.0	359.5	6,641.6	0.00	0.00	0.00
18,900.0	90.00	359.58	12,275.0	6,732.0	358.7	6,741.5	0.00	0.00	0.00
19,000.0	90.00	359.58	12,275.0	6,832.0	358.0	6,841.3	0.00	0.00	0.00
19,100.0	90.00	359.58	12,275.0	6,932.0	357.3	6,941.2	0.00	0.00	0.00
19,200.0	90.00	359.58	12,275.0	7,032.0	356.5	7,041.0	0.00	0.00	0.00
19,300.0	90.00	359.58	12,275.0	7,132.0	355.8	7,140.9	0.00	0.00	0.00
19,400.0	90.00	359.58	12,275.0	7,232.0	355.1	7,240.7	0.00	0.00	0.00
19,500.0	90.00	359.58	12,275.0	7,332.0	354.3	7,340.6	0.00	0.00	0.00
19,600.0	90.00	359.58	12,275.0	7,432.0	353.6	7,440.4	0.00	0.00	0.00
19,684.0	90.00	359.58	12,275.0	7,516.0	353.0	7,524.3	0.00	0.00	0.00

PBHL (Braswell 16 ST COM #705H)



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #705H
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 Corn	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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 ST CC	0.00	0.00	12,275.0	152.0	407.0	378,012.00	734,110.00	32° 2' 13.267 N	103° 34' 40.198 W
- plan misses target center by 71.2usft at 12344.3usft MD (12212.8 TVD, 186.4 N, 403.4 E)									
- Point									
PBHL (Braswell 16 ST C	0.00	0.00	12,275.0	7,516.0	353.0	385,376.00	734,056.00	32° 3' 26.144 N	103° 34' 40.227 W
- plan hits target center									
- Point									