OCD – HOBBS
06/27/2016
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30-025-43320

eog resources

Lea County, NM (NAD 27 NME)

Braswell 16 State Com #704H

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

Azimuths to Grid North
True North: -0.40°
Magnetic North: 6.64°

Magnetic Field
Strength: 47928.4snT
Dip Angle: 59.90°
Date: 6/22/2016
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.65°
To convert a Magnetic Direction to a True Direction, Add 7.05° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

WELL DETAILS: #704H

Ground Level: 3288.0
KB = 25' @ 3313.0usft

Northing	Easting	Latitude	Longitude
377888.00	735171.00	32° 2' 11.967 N	103° 34' 27.883 W

SECTION DETAILS

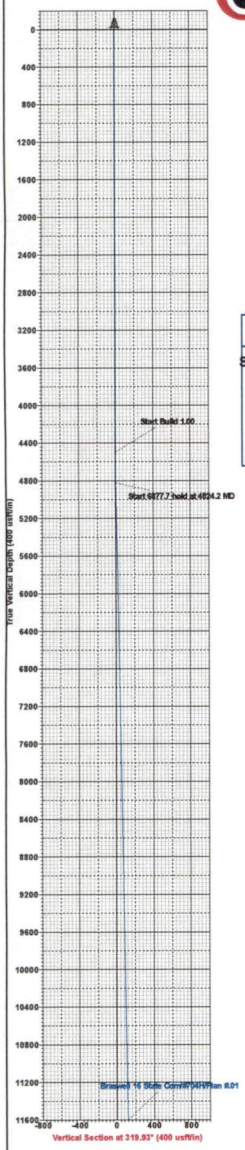
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	4824.2	3.24	247.65	4824.1	-3.5	-8.5	1.00	247.65	-3.0	
4	11701.9	3.24	247.65	11690.7	-151.4	-368.3	0.00	0.00	-128.8	
5	12614.0	90.00	359.58	12275.0	421.2	-403.2	10.00	111.90	444.9	
6	19684.0	90.00	359.58	12275.0	7491.0	-455.0	0.00	0.00	7504.8	PBHL (Braswell 16 ST COM #704H)

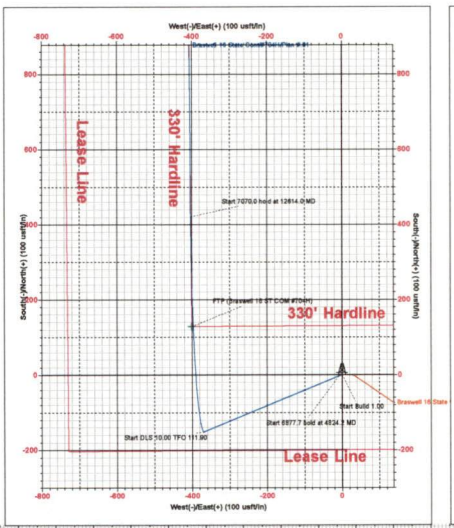
CASING DETAILS

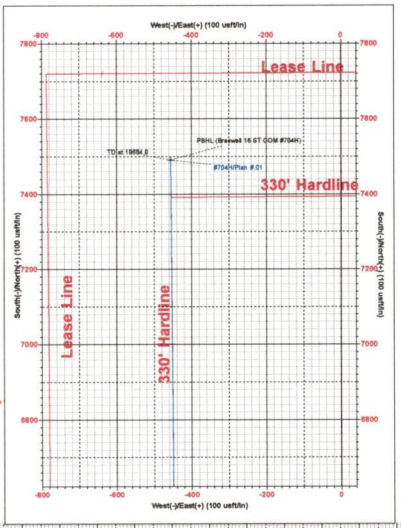
No casing data is available

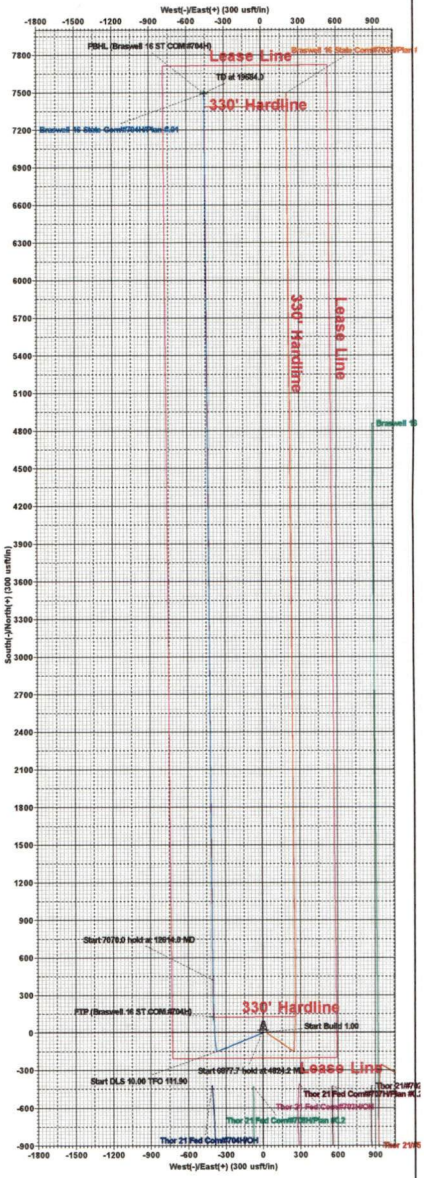
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

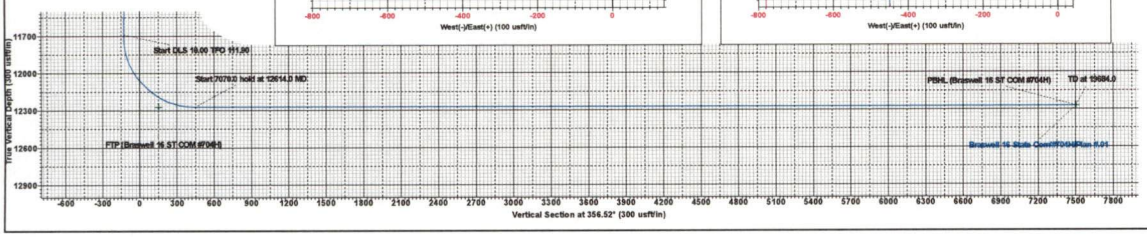
Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Braswell 16 ST COM #704H)	12275.0	7491.0	-455.0	385379.00	734716.00
FTP (Braswell 16 ST COM #704H)	12275.0	128.0	-401.0	378016.00	734770.00

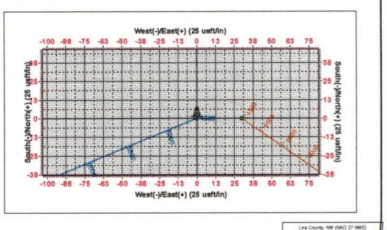












EOG Resources - Midland

Lea County, NM (NAD 27 NME)
Braswell 16 State Com
#704H

OH

Plan: Plan #.01

Standard Planning Report

22 June, 2016

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #704H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3313.0usft
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3313.0usft
Site:	Braswell 16 State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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

Well	#704H					
Well Position	**+N/-S**	-415.0 usft	**Northing:**	377,888.00 usft	**Latitude:**	32° 2' 11.967 N
	+E/-W	-1,176.0 usft	**Easting:**	735,171.00 usft	**Longitude:**	103° 34' 27.883 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	0.0 usft	**Ground Level:**	3,288.0 usft

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

Design	Plan #.01			
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	356.52

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	
4,824.2	3.24	247.65	4,824.1	-3.5	-8.5	1.00	1.00	0.00	247.65	
11,701.9	3.24	247.65	11,690.7	-151.4	-368.3	0.00	0.00	0.00	0.00	
12,614.0	90.00	359.58	12,275.0	421.2	-403.2	10.00	9.51	12.27	111.90	
19,684.0	90.00	359.58	12,275.0	7,491.0	-455.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 ST

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #704H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3313.0usft
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3313.0usft
Site:	Braswell 16 State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	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)
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	247.65	4,600.0	-0.3	-0.8	-0.3	1.00	1.00	0.00
4,700.0	2.00	247.65	4,700.0	-1.3	-3.2	-1.1	1.00	1.00	0.00
4,800.0	3.00	247.65	4,799.9	-3.0	-7.3	-2.5	1.00	1.00	0.00
4,824.2	3.24	247.65	4,824.1	-3.5	-8.5	-3.0	1.00	1.00	0.00
4,900.0	3.24	247.65	4,899.7	-5.1	-12.4	-4.4	0.00	0.00	0.00
5,000.0	3.24	247.65	4,999.5	-7.3	-17.7	-6.2	0.00	0.00	0.00
5,100.0	3.24	247.65	5,099.4	-9.4	-22.9	-8.0	0.00	0.00	0.00
5,200.0	3.24	247.65	5,199.2	-11.6	-28.1	-9.8	0.00	0.00	0.00

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Site:	Braswell 16 State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	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	247.65	5,299.1	-13.7	-33.4	-11.7	0.00	0.00	0.00
5,400.0	3.24	247.65	5,398.9	-15.9	-38.6	-13.5	0.00	0.00	0.00
5,500.0	3.24	247.65	5,498.7	-18.0	-43.8	-15.3	0.00	0.00	0.00
5,600.0	3.24	247.65	5,598.6	-20.2	-49.1	-17.2	0.00	0.00	0.00
5,700.0	3.24	247.65	5,698.4	-22.3	-54.3	-19.0	0.00	0.00	0.00
5,800.0	3.24	247.65	5,798.3	-24.5	-59.5	-20.8	0.00	0.00	0.00
5,900.0	3.24	247.65	5,898.1	-26.6	-64.8	-22.6	0.00	0.00	0.00
6,000.0	3.24	247.65	5,997.9	-28.8	-70.0	-24.5	0.00	0.00	0.00
6,100.0	3.24	247.65	6,097.8	-30.9	-75.2	-26.3	0.00	0.00	0.00
6,200.0	3.24	247.65	6,197.6	-33.1	-80.5	-28.1	0.00	0.00	0.00
6,300.0	3.24	247.65	6,297.5	-35.2	-85.7	-30.0	0.00	0.00	0.00
6,400.0	3.24	247.65	6,397.3	-37.4	-90.9	-31.8	0.00	0.00	0.00
6,500.0	3.24	247.65	6,497.1	-39.5	-96.1	-33.6	0.00	0.00	0.00
6,600.0	3.24	247.65	6,597.0	-41.7	-101.4	-35.5	0.00	0.00	0.00
6,700.0	3.24	247.65	6,696.8	-43.8	-106.6	-37.3	0.00	0.00	0.00
6,800.0	3.24	247.65	6,796.7	-46.0	-111.8	-39.1	0.00	0.00	0.00
6,900.0	3.24	247.65	6,896.5	-48.1	-117.1	-40.9	0.00	0.00	0.00
7,000.0	3.24	247.65	6,996.3	-50.3	-122.3	-42.8	0.00	0.00	0.00
7,100.0	3.24	247.65	7,096.2	-52.4	-127.5	-44.6	0.00	0.00	0.00
7,200.0	3.24	247.65	7,196.0	-54.6	-132.8	-46.4	0.00	0.00	0.00
7,300.0	3.24	247.65	7,295.9	-56.7	-138.0	-48.3	0.00	0.00	0.00
7,400.0	3.24	247.65	7,395.7	-58.9	-143.2	-50.1	0.00	0.00	0.00
7,500.0	3.24	247.65	7,495.5	-61.0	-148.5	-51.9	0.00	0.00	0.00
7,600.0	3.24	247.65	7,595.4	-63.2	-153.7	-53.7	0.00	0.00	0.00
7,700.0	3.24	247.65	7,695.2	-65.3	-158.9	-55.6	0.00	0.00	0.00
7,800.0	3.24	247.65	7,795.1	-67.5	-164.2	-57.4	0.00	0.00	0.00
7,900.0	3.24	247.65	7,894.9	-69.6	-169.4	-59.2	0.00	0.00	0.00
8,000.0	3.24	247.65	7,994.7	-71.8	-174.6	-61.1	0.00	0.00	0.00
8,100.0	3.24	247.65	8,094.6	-73.9	-179.8	-62.9	0.00	0.00	0.00
8,200.0	3.24	247.65	8,194.4	-76.1	-185.1	-64.7	0.00	0.00	0.00
8,300.0	3.24	247.65	8,294.3	-78.2	-190.3	-66.6	0.00	0.00	0.00
8,400.0	3.24	247.65	8,394.1	-80.4	-195.5	-68.4	0.00	0.00	0.00
8,500.0	3.24	247.65	8,493.9	-82.5	-200.8	-70.2	0.00	0.00	0.00
8,600.0	3.24	247.65	8,593.8	-84.7	-206.0	-72.0	0.00	0.00	0.00
8,700.0	3.24	247.65	8,693.6	-86.8	-211.2	-73.9	0.00	0.00	0.00
8,800.0	3.24	247.65	8,793.5	-89.0	-216.5	-75.7	0.00	0.00	0.00
8,900.0	3.24	247.65	8,893.3	-91.1	-221.7	-77.5	0.00	0.00	0.00
9,000.0	3.24	247.65	8,993.1	-93.3	-226.9	-79.4	0.00	0.00	0.00
9,100.0	3.24	247.65	9,093.0	-95.4	-232.2	-81.2	0.00	0.00	0.00
9,200.0	3.24	247.65	9,192.8	-97.6	-237.4	-83.0	0.00	0.00	0.00
9,300.0	3.24	247.65	9,292.7	-99.7	-242.6	-84.9	0.00	0.00	0.00
9,400.0	3.24	247.65	9,392.5	-101.9	-247.9	-86.7	0.00	0.00	0.00
9,500.0	3.24	247.65	9,492.3	-104.0	-253.1	-88.5	0.00	0.00	0.00
9,600.0	3.24	247.65	9,592.2	-106.2	-258.3	-90.3	0.00	0.00	0.00
9,700.0	3.24	247.65	9,692.0	-108.3	-263.5	-92.2	0.00	0.00	0.00
9,800.0	3.24	247.65	9,791.9	-110.5	-268.8	-94.0	0.00	0.00	0.00
9,900.0	3.24	247.65	9,891.7	-112.6	-274.0	-95.8	0.00	0.00	0.00
10,000.0	3.24	247.65	9,991.5	-114.8	-279.2	-97.7	0.00	0.00	0.00
10,100.0	3.24	247.65	10,091.4	-116.9	-284.5	-99.5	0.00	0.00	0.00
10,200.0	3.24	247.65	10,191.2	-119.1	-289.7	-101.3	0.00	0.00	0.00
10,300.0	3.24	247.65	10,291.1	-121.2	-294.9	-103.1	0.00	0.00	0.00
10,400.0	3.24	247.65	10,390.9	-123.4	-300.2	-105.0	0.00	0.00	0.00
10,500.0	3.24	247.65	10,490.7	-125.6	-305.4	-106.8	0.00	0.00	0.00
10,600.0	3.24	247.65	10,590.6	-127.7	-310.6	-108.6	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #704H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3313.0usft
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3313.0usft
Site:	Braswell 16 State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	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)
10,700.0	3.24	247.65	10,690.4	-129.9	-315.9	-110.5	0.00	0.00	0.00
10,800.0	3.24	247.65	10,790.3	-132.0	-321.1	-112.3	0.00	0.00	0.00
10,900.0	3.24	247.65	10,890.1	-134.2	-326.3	-114.1	0.00	0.00	0.00
11,000.0	3.24	247.65	10,989.9	-136.3	-331.6	-116.0	0.00	0.00	0.00
11,100.0	3.24	247.65	11,089.8	-138.5	-336.8	-117.8	0.00	0.00	0.00
11,200.0	3.24	247.65	11,189.6	-140.6	-342.0	-119.6	0.00	0.00	0.00
11,300.0	3.24	247.65	11,289.5	-142.8	-347.2	-121.4	0.00	0.00	0.00
11,400.0	3.24	247.65	11,389.3	-144.9	-352.5	-123.3	0.00	0.00	0.00
11,500.0	3.24	247.65	11,489.1	-147.1	-357.7	-125.1	0.00	0.00	0.00
11,600.0	3.24	247.65	11,589.0	-149.2	-362.9	-126.9	0.00	0.00	0.00
11,701.9	3.24	247.65	11,690.7	-151.4	-368.3	-128.8	0.00	0.00	0.00
11,750.0	4.69	319.72	11,738.7	-150.4	-370.8	-127.7	10.00	3.01	149.92
11,800.0	9.10	340.44	11,788.4	-145.1	-373.4	-122.2	10.00	8.83	41.43
11,850.0	13.92	347.34	11,837.3	-135.5	-376.1	-112.5	10.00	9.63	13.80
11,900.0	18.83	350.71	11,885.3	-121.7	-378.7	-98.5	10.00	9.82	6.75
11,950.0	23.78	352.73	11,931.9	-103.7	-381.3	-80.4	10.00	9.89	4.03
12,000.0	28.74	354.08	11,976.7	-81.7	-383.8	-58.3	10.00	9.93	2.70
12,050.0	33.72	355.06	12,019.4	-55.9	-386.2	-32.4	10.00	9.95	1.96
12,100.0	38.70	355.82	12,059.8	-26.5	-388.6	-2.9	10.00	9.96	1.51
12,150.0	43.68	356.43	12,097.4	6.3	-390.8	30.0	10.00	9.97	1.21
12,200.0	48.67	356.93	12,132.0	42.3	-392.9	66.1	10.00	9.97	1.01
12,250.0	53.65	357.36	12,163.3	81.2	-394.8	105.0	10.00	9.98	0.87
12,300.0	58.64	357.74	12,191.2	122.7	-396.6	146.5	10.00	9.98	0.76
12,345.3	63.16	358.06	12,213.2	162.2	-398.0	186.0	10.00	9.98	0.69
FTP (Braswell 16 ST COM #704H)									
12,350.0	63.64	358.09	12,215.3	166.4	-398.2	190.3	10.00	9.98	0.66
12,400.0	68.63	358.40	12,235.5	212.1	-399.6	236.0	10.00	9.98	0.63
12,450.0	73.62	358.69	12,251.7	259.4	-400.8	283.2	10.00	9.98	0.59
12,500.0	78.61	358.97	12,263.7	307.9	-401.8	331.7	10.00	9.99	0.56
12,550.0	83.61	359.24	12,271.4	357.3	-402.5	381.0	10.00	9.99	0.54
12,600.0	88.60	359.51	12,274.8	407.2	-403.1	430.8	10.00	9.99	0.53
12,614.0	90.00	359.58	12,275.0	421.2	-403.2	444.9	10.00	9.99	0.52
12,700.0	90.00	359.58	12,275.0	507.2	-403.8	530.7	0.00	0.00	0.00
12,800.0	90.00	359.58	12,275.0	607.2	-404.5	630.6	0.00	0.00	0.00
12,900.0	90.00	359.58	12,275.0	707.1	-405.3	730.4	0.00	0.00	0.00
13,000.0	90.00	359.58	12,275.0	807.1	-406.0	830.3	0.00	0.00	0.00
13,100.0	90.00	359.58	12,275.0	907.1	-406.7	930.1	0.00	0.00	0.00
13,200.0	90.00	359.58	12,275.0	1,007.1	-407.5	1,030.0	0.00	0.00	0.00
13,300.0	90.00	359.58	12,275.0	1,107.1	-408.2	1,129.9	0.00	0.00	0.00
13,400.0	90.00	359.58	12,275.0	1,207.1	-408.9	1,229.7	0.00	0.00	0.00
13,500.0	90.00	359.58	12,275.0	1,307.1	-409.7	1,329.6	0.00	0.00	0.00
13,600.0	90.00	359.58	12,275.0	1,407.1	-410.4	1,429.4	0.00	0.00	0.00
13,700.0	90.00	359.58	12,275.0	1,507.1	-411.1	1,529.3	0.00	0.00	0.00
13,800.0	90.00	359.58	12,275.0	1,607.1	-411.9	1,629.1	0.00	0.00	0.00
13,900.0	90.00	359.58	12,275.0	1,707.1	-412.6	1,729.0	0.00	0.00	0.00
14,000.0	90.00	359.58	12,275.0	1,807.1	-413.3	1,828.9	0.00	0.00	0.00
14,100.0	90.00	359.58	12,275.0	1,907.1	-414.1	1,928.7	0.00	0.00	0.00
14,200.0	90.00	359.58	12,275.0	2,007.1	-414.8	2,028.6	0.00	0.00	0.00
14,300.0	90.00	359.58	12,275.0	2,107.1	-415.5	2,128.4	0.00	0.00	0.00
14,400.0	90.00	359.58	12,275.0	2,207.1	-416.3	2,228.3	0.00	0.00	0.00
14,500.0	90.00	359.58	12,275.0	2,307.1	-417.0	2,328.1	0.00	0.00	0.00
14,600.0	90.00	359.58	12,275.0	2,407.1	-417.7	2,428.0	0.00	0.00	0.00
14,700.0	90.00	359.58	12,275.0	2,507.1	-418.5	2,527.9	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #704H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3313.0usft
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3313.0usft
Site:	Braswell 16 State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	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)
14,800.0	90.00	359.58	12,275.0	2,607.1	-419.2	2,627.7	0.00	0.00	0.00
14,900.0	90.00	359.58	12,275.0	2,707.1	-419.9	2,727.6	0.00	0.00	0.00
15,000.0	90.00	359.58	12,275.0	2,807.1	-420.7	2,827.4	0.00	0.00	0.00
15,100.0	90.00	359.58	12,275.0	2,907.1	-421.4	2,927.3	0.00	0.00	0.00
15,200.0	90.00	359.58	12,275.0	3,007.1	-422.1	3,027.1	0.00	0.00	0.00
15,300.0	90.00	359.58	12,275.0	3,107.1	-422.9	3,127.0	0.00	0.00	0.00
15,400.0	90.00	359.58	12,275.0	3,207.1	-423.6	3,226.9	0.00	0.00	0.00
15,500.0	90.00	359.58	12,275.0	3,307.1	-424.3	3,326.7	0.00	0.00	0.00
15,600.0	90.00	359.58	12,275.0	3,407.1	-425.1	3,426.6	0.00	0.00	0.00
15,700.0	90.00	359.58	12,275.0	3,507.1	-425.8	3,526.4	0.00	0.00	0.00
15,800.0	90.00	359.58	12,275.0	3,607.1	-426.5	3,626.3	0.00	0.00	0.00
15,900.0	90.00	359.58	12,275.0	3,707.1	-427.3	3,726.2	0.00	0.00	0.00
16,000.0	90.00	359.58	12,275.0	3,807.1	-428.0	3,826.0	0.00	0.00	0.00
16,100.0	90.00	359.58	12,275.0	3,907.1	-428.7	3,925.9	0.00	0.00	0.00
16,200.0	90.00	359.58	12,275.0	4,007.1	-429.5	4,025.7	0.00	0.00	0.00
16,300.0	90.00	359.58	12,275.0	4,107.1	-430.2	4,125.6	0.00	0.00	0.00
16,400.0	90.00	359.58	12,275.0	4,207.1	-430.9	4,225.4	0.00	0.00	0.00
16,500.0	90.00	359.58	12,275.0	4,307.1	-431.7	4,325.3	0.00	0.00	0.00
16,600.0	90.00	359.58	12,275.0	4,407.1	-432.4	4,425.2	0.00	0.00	0.00
16,700.0	90.00	359.58	12,275.0	4,507.0	-433.1	4,525.0	0.00	0.00	0.00
16,800.0	90.00	359.58	12,275.0	4,607.0	-433.9	4,624.9	0.00	0.00	0.00
16,900.0	90.00	359.58	12,275.0	4,707.0	-434.6	4,724.7	0.00	0.00	0.00
17,000.0	90.00	359.58	12,275.0	4,807.0	-435.3	4,824.6	0.00	0.00	0.00
17,100.0	90.00	359.58	12,275.0	4,907.0	-436.1	4,924.4	0.00	0.00	0.00
17,200.0	90.00	359.58	12,275.0	5,007.0	-436.8	5,024.3	0.00	0.00	0.00
17,300.0	90.00	359.58	12,275.0	5,107.0	-437.5	5,124.2	0.00	0.00	0.00
17,400.0	90.00	359.58	12,275.0	5,207.0	-438.3	5,224.0	0.00	0.00	0.00
17,500.0	90.00	359.58	12,275.0	5,307.0	-439.0	5,323.9	0.00	0.00	0.00
17,600.0	90.00	359.58	12,275.0	5,407.0	-439.7	5,423.7	0.00	0.00	0.00
17,700.0	90.00	359.58	12,275.0	5,507.0	-440.5	5,523.6	0.00	0.00	0.00
17,800.0	90.00	359.58	12,275.0	5,607.0	-441.2	5,623.5	0.00	0.00	0.00
17,900.0	90.00	359.58	12,275.0	5,707.0	-441.9	5,723.3	0.00	0.00	0.00
18,000.0	90.00	359.58	12,275.0	5,807.0	-442.7	5,823.2	0.00	0.00	0.00
18,100.0	90.00	359.58	12,275.0	5,907.0	-443.4	5,923.0	0.00	0.00	0.00
18,200.0	90.00	359.58	12,275.0	6,007.0	-444.1	6,022.9	0.00	0.00	0.00
18,300.0	90.00	359.58	12,275.0	6,107.0	-444.9	6,122.7	0.00	0.00	0.00
18,400.0	90.00	359.58	12,275.0	6,207.0	-445.6	6,222.6	0.00	0.00	0.00
18,500.0	90.00	359.58	12,275.0	6,307.0	-446.3	6,322.5	0.00	0.00	0.00
18,600.0	90.00	359.58	12,275.0	6,407.0	-447.1	6,422.3	0.00	0.00	0.00
18,700.0	90.00	359.58	12,275.0	6,507.0	-447.8	6,522.2	0.00	0.00	0.00
18,800.0	90.00	359.58	12,275.0	6,607.0	-448.5	6,622.0	0.00	0.00	0.00
18,900.0	90.00	359.58	12,275.0	6,707.0	-449.3	6,721.9	0.00	0.00	0.00
19,000.0	90.00	359.58	12,275.0	6,807.0	-450.0	6,821.7	0.00	0.00	0.00
19,100.0	90.00	359.58	12,275.0	6,907.0	-450.7	6,921.6	0.00	0.00	0.00
19,200.0	90.00	359.58	12,275.0	7,007.0	-451.5	7,021.5	0.00	0.00	0.00
19,300.0	90.00	359.58	12,275.0	7,107.0	-452.2	7,121.3	0.00	0.00	0.00
19,400.0	90.00	359.58	12,275.0	7,207.0	-452.9	7,221.2	0.00	0.00	0.00
19,500.0	90.00	359.58	12,275.0	7,307.0	-453.7	7,321.0	0.00	0.00	0.00
19,600.0	90.00	359.58	12,275.0	7,407.0	-454.4	7,420.9	0.00	0.00	0.00
19,684.0	90.00	359.58	12,275.0	7,491.0	-455.0	7,504.8	0.00	0.00	0.00
PBHL (Braswell 16 ST COM #704H)									

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #704H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3313.0usft
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3313.0usft
Site:	Braswell 16 State Com	**North Reference:**	Grid
Well:	#704H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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 (Braswell 16 ST CC - plan misses target center by 70.7usft at 12345.3usft MD (12213.2 TVD, 162.2 N, -398.0 E) - Point	0.00	0.00	12,275.0	128.0	-401.0	378,016.00	734,770.00	32° 2' 13.261 N	103° 34' 32.531 W
PBHL (Braswell 16 ST C - plan hits target center - Point	0.00	0.00	12,275.0	7,491.0	-455.0	385,379.00	734,716.00	32° 3' 26.128 N	103° 34' 32.558 W