30025430 82

eog resources

Lea County, NM (NAD 27 NME)

Braswell 16 State #702H

H&P 651

Plan #.01

Azimuths to Grid North
True North: -0.41°
Magnetic North: 6.88°

Magnetic Field
Strength: 47962.8nT
Dip Angle: 59.91°
Date: 2/25/2016
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.88°
To convert a Magnetic Direction to a True Direction, Add 7.08° 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: #702H

Ground Level: 3284.0
KB = 25' @ 3309.0usft (H&P 651)

Northing	Easting	Latitude	Longitude
378303.00	736317.00	32° 2' 15.894 N	103° 34' 14.536 W

SECTION DETAILS

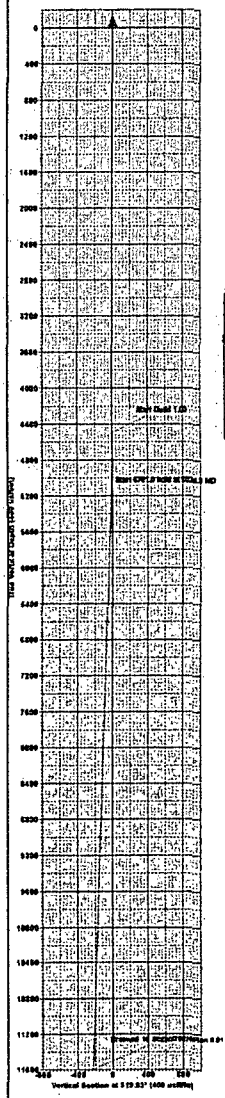
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	5024.8	5.25	208.86	5024.1	-21.0	-11.6	1.00	208.86	-20.0	
4	11726.8	5.25	208.86	11697.0	-557.8	-307.5	0.00	0.00	-530.3	
5	12871.5	90.00	359.59	12315.0	13.1	-339.3	10.00	150.62	41.3	
6	17100.5	90.00	359.59	12315.0	4442.0	-371.0	0.00	0.00	4467.6	PBHL (Braswell 16 State 702H)

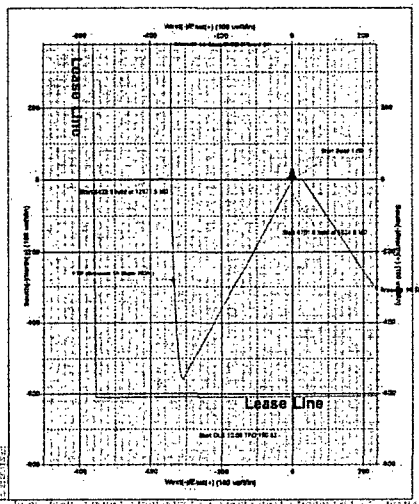
CASING DETAILS

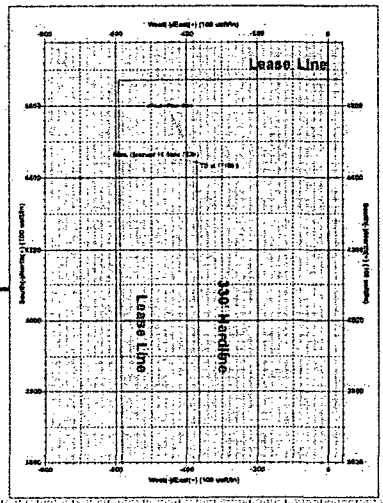
No casing data is available

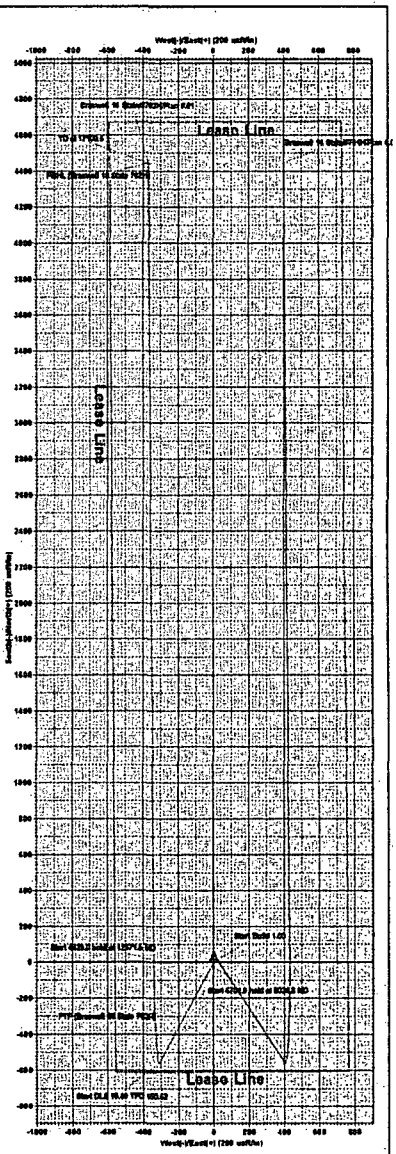
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

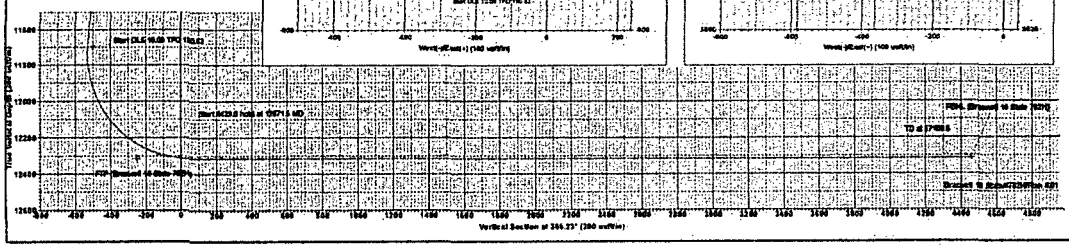
Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Braswell 16 State 702H)	12315.0	4442.0	-371.0	382745.00	735946.00
FTP (Braswell 16 State 702H)	12315.0	-281.0	-357.0	378022.00	735960.00

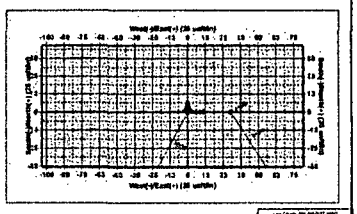












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eog resources

EOG Resources - Midland

Lea County, NM (NAD 27 NME)
Braswell 16 State
#702H

OH

Plan: Plan #.01

Standard Planning Report

25 February, 2016

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #702H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Site:	Braswell 16 State	**North Reference:**	Grid
Well:	#702H	**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

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 #702H

Well Position	**+N/-S**	0.0 usft	**Northing:**	378,303.00 usft	**Latitude:**	32° 2' 15.994 N
	+E/-W	-30.0 usft	**Easting:**	736,317.00 usft	**Longitude:**	103° 34' 14.536 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	0.0 usft	**Ground Level:**	3,284.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/25/2016	7.08	59.91	47,963

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	355.23

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	
5,024.8	5.25	208.86	5,024.1	-21.0	-11.6	1.00	1.00	0.00	208.86	
11,725.8	5.25	208.86	11,697.0	-557.8	-307.5	0.00	0.00	0.00	0.00	
12,671.5	90.00	359.59	12,315.0	13.1	-339.3	10.00	8.96	15.94	150.62	
17,100.5	90.00	359.59	12,315.0	4,442.0	-371.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 St

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #702H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Site:	Braswell 16 State	**North Reference:**	Grid
Well:	#702H	**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	208.86	4,600.0	-0.8	-0.4	-0.7	1.00	1.00	0.00
4,700.0	2.00	208.86	4,700.0	-3.1	-1.7	-2.9	1.00	1.00	0.00
4,800.0	3.00	208.86	4,799.9	-6.9	-3.8	-6.5	1.00	1.00	0.00
4,900.0	4.00	208.86	4,899.7	-12.2	-6.7	-11.6	1.00	1.00	0.00
5,000.0	5.00	208.86	4,999.4	-19.1	-10.5	-18.2	1.00	1.00	0.00
5,024.8	5.25	208.86	5,024.1	-21.0	-11.6	-20.0	1.00	1.00	0.00
5,100.0	5.25	208.86	5,099.0	-27.1	-14.9	-25.7	0.00	0.00	0.00
5,200.0	5.25	208.86	5,198.5	-35.1	-19.3	-33.3	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #702H
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Site:	Braswell 16 State	**North Reference:**	Grid
Well:	#702H	**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	5.25	208.86	5,298.1	-43.1	-23.7	-41.0	0.00	0.00	0.00
5,400.0	5.25	208.86	5,397.7	-51.1	-28.2	-48.6	0.00	0.00	0.00
5,500.0	5.25	208.86	5,497.3	-59.1	-32.6	-56.2	0.00	0.00	0.00
5,600.0	5.25	208.86	5,596.9	-67.1	-37.0	-63.8	0.00	0.00	0.00
5,700.0	5.25	208.86	5,696.4	-75.1	-41.4	-71.4	0.00	0.00	0.00
5,800.0	5.25	208.86	5,796.0	-83.1	-45.8	-79.0	0.00	0.00	0.00
5,900.0	5.25	208.86	5,895.6	-91.1	-50.2	-86.6	0.00	0.00	0.00
6,000.0	5.25	208.86	5,995.2	-99.2	-54.7	-94.3	0.00	0.00	0.00
6,100.0	5.25	208.86	6,094.8	-107.2	-59.1	-101.9	0.00	0.00	0.00
6,200.0	5.25	208.86	6,194.3	-115.2	-63.5	-109.5	0.00	0.00	0.00
6,300.0	5.25	208.86	6,293.9	-123.2	-67.9	-117.1	0.00	0.00	0.00
6,400.0	5.25	208.86	6,393.5	-131.2	-72.3	-124.7	0.00	0.00	0.00
6,500.0	5.25	208.86	6,493.1	-139.2	-76.7	-132.3	0.00	0.00	0.00
6,600.0	5.25	208.86	6,592.7	-147.2	-81.1	-139.9	0.00	0.00	0.00
6,700.0	5.25	208.86	6,692.2	-155.2	-85.6	-147.6	0.00	0.00	0.00
6,800.0	5.25	208.86	6,791.8	-163.2	-90.0	-155.2	0.00	0.00	0.00
6,900.0	5.25	208.86	6,891.4	-171.2	-94.4	-162.8	0.00	0.00	0.00
7,000.0	5.25	208.86	6,991.0	-179.3	-98.8	-170.4	0.00	0.00	0.00
7,100.0	5.25	208.86	7,090.6	-187.3	-103.2	-178.0	0.00	0.00	0.00
7,200.0	5.25	208.86	7,190.1	-195.3	-107.6	-185.6	0.00	0.00	0.00
7,300.0	5.25	208.86	7,289.7	-203.3	-112.1	-193.3	0.00	0.00	0.00
7,400.0	5.25	208.86	7,389.3	-211.3	-116.5	-200.9	0.00	0.00	0.00
7,500.0	5.25	208.86	7,488.9	-219.3	-120.9	-208.5	0.00	0.00	0.00
7,600.0	5.25	208.86	7,588.5	-227.3	-125.3	-216.1	0.00	0.00	0.00
7,700.0	5.25	208.86	7,688.1	-235.3	-129.7	-223.7	0.00	0.00	0.00
7,800.0	5.25	208.86	7,787.6	-243.3	-134.1	-231.3	0.00	0.00	0.00
7,900.0	5.25	208.86	7,887.2	-251.3	-138.5	-238.9	0.00	0.00	0.00
8,000.0	5.25	208.86	7,986.8	-259.4	-143.0	-246.6	0.00	0.00	0.00
8,100.0	5.25	208.86	8,086.4	-267.4	-147.4	-254.2	0.00	0.00	0.00
8,200.0	5.25	208.86	8,186.0	-275.4	-151.8	-261.8	0.00	0.00	0.00
8,300.0	5.25	208.86	8,285.5	-283.4	-156.2	-269.4	0.00	0.00	0.00
8,400.0	5.25	208.86	8,385.1	-291.4	-160.6	-277.0	0.00	0.00	0.00
8,500.0	5.25	208.86	8,484.7	-299.4	-165.0	-284.6	0.00	0.00	0.00
8,600.0	5.25	208.86	8,584.3	-307.4	-169.4	-292.2	0.00	0.00	0.00
8,700.0	5.25	208.86	8,683.9	-315.4	-173.9	-299.9	0.00	0.00	0.00
8,800.0	5.25	208.86	8,783.4	-323.4	-178.3	-307.5	0.00	0.00	0.00
8,900.0	5.25	208.86	8,883.0	-331.5	-182.7	-315.1	0.00	0.00	0.00
9,000.0	5.25	208.86	8,982.6	-339.5	-187.1	-322.7	0.00	0.00	0.00
9,100.0	5.25	208.86	9,082.2	-347.5	-191.5	-330.3	0.00	0.00	0.00
9,200.0	5.25	208.86	9,181.8	-355.5	-195.9	-337.9	0.00	0.00	0.00
9,300.0	5.25	208.86	9,281.3	-363.5	-200.4	-345.6	0.00	0.00	0.00
9,400.0	5.25	208.86	9,380.9	-371.5	-204.8	-353.2	0.00	0.00	0.00
9,500.0	5.25	208.86	9,480.5	-379.5	-209.2	-360.8	0.00	0.00	0.00
9,600.0	5.25	208.86	9,580.1	-387.5	-213.6	-368.4	0.00	0.00	0.00
9,700.0	5.25	208.86	9,679.7	-395.5	-218.0	-376.0	0.00	0.00	0.00
9,800.0	5.25	208.86	9,779.2	-403.5	-222.4	-383.6	0.00	0.00	0.00
9,900.0	5.25	208.86	9,878.8	-411.6	-226.8	-391.2	0.00	0.00	0.00
10,000.0	5.25	208.86	9,978.4	-419.6	-231.3	-398.9	0.00	0.00	0.00
10,100.0	5.25	208.86	10,078.0	-427.6	-235.7	-406.5	0.00	0.00	0.00
10,200.0	5.25	208.86	10,177.6	-435.6	-240.1	-414.1	0.00	0.00	0.00
10,300.0	5.25	208.86	10,277.2	-443.6	-244.5	-421.7	0.00	0.00	0.00
10,400.0	5.25	208.86	10,376.7	-451.6	-248.9	-429.3	0.00	0.00	0.00
10,500.0	5.25	208.86	10,476.3	-459.6	-253.3	-436.9	0.00	0.00	0.00
10,600.0	5.25	208.86	10,575.9	-467.6	-257.8	-444.6	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #702H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Site:	Braswell 16 State	**North Reference:**	Grid
Well:	#702H	**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	5.25	208.86	10,675.5	-475.6	-262.2	-452.2	0.00	0.00	0.00
10,800.0	5.25	208.86	10,775.1	-483.6	-266.6	-459.8	0.00	0.00	0.00
10,900.0	5.25	208.86	10,874.6	-491.7	-271.0	-467.4	0.00	0.00	0.00
11,000.0	5.25	208.86	10,974.2	-499.7	-275.4	-475.0	0.00	0.00	0.00
11,100.0	5.25	208.86	11,073.8	-507.7	-279.8	-482.6	0.00	0.00	0.00
11,200.0	5.25	208.86	11,173.4	-515.7	-284.2	-490.2	0.00	0.00	0.00
11,300.0	5.25	208.86	11,273.0	-523.7	-288.7	-497.9	0.00	0.00	0.00
11,400.0	5.25	208.86	11,372.5	-531.7	-293.1	-505.5	0.00	0.00	0.00
11,500.0	5.25	208.86	11,472.1	-539.7	-297.5	-513.1	0.00	0.00	0.00
11,600.0	5.25	208.86	11,571.7	-547.7	-301.9	-520.7	0.00	0.00	0.00
11,700.0	5.25	208.86	11,671.3	-555.7	-306.3	-528.3	0.00	0.00	0.00
11,725.8	5.25	208.86	11,697.0	-557.8	-307.5	-530.3	0.00	0.00	0.00
11,750.0	3.35	229.62	11,721.1	-559.2	-308.5	-531.6	10.00	-7.82	85.69
11,800.0	3.84	317.53	11,771.0	-558.9	-310.8	-531.1	10.00	0.96	175.81
11,850.0	8.25	341.56	11,820.8	-554.3	-313.0	-526.3	10.00	8.84	48.06
11,900.0	13.10	348.46	11,869.9	-545.3	-315.3	-517.2	10.00	9.68	13.81
11,950.0	18.02	351.66	11,918.0	-532.1	-317.6	-503.9	10.00	9.86	6.39
12,000.0	22.98	353.51	11,964.9	-514.8	-319.8	-486.4	10.00	9.92	3.71
12,050.0	27.96	354.74	12,010.0	-493.4	-322.0	-464.9	10.00	9.94	2.45
12,100.0	32.94	355.61	12,053.1	-468.1	-324.1	-439.5	10.00	9.96	1.76
12,150.0	37.92	356.29	12,093.8	-439.2	-326.1	-410.6	10.00	9.97	1.34
12,200.0	42.91	356.82	12,131.9	-406.9	-328.1	-378.2	10.00	9.98	1.07
12,250.0	47.90	357.26	12,167.0	-371.4	-329.9	-342.6	10.00	9.98	0.89
12,300.0	52.89	357.64	12,198.8	-332.9	-331.6	-304.1	10.00	9.98	0.76
12,350.0	57.88	357.97	12,227.2	-291.8	-333.2	-263.0	10.00	9.99	0.66
12,400.0	62.88	358.27	12,251.9	-248.3	-334.6	-219.6	10.00	9.99	0.59
FTP (Braswell 16 State 702H)									
12,450.0	67.87	358.54	12,272.7	-202.9	-335.9	-174.3	10.00	9.99	0.54
12,500.0	72.86	358.80	12,289.5	-155.9	-337.0	-127.3	10.00	9.99	0.51
12,550.0	77.86	359.04	12,302.2	-107.5	-337.9	-79.0	10.00	9.99	0.48
12,600.0	82.85	359.27	12,310.5	-58.2	-338.6	-29.9	10.00	9.99	0.46
12,650.0	87.85	359.49	12,314.6	-8.4	-339.1	19.8	10.00	9.99	0.45
12,671.5	90.00	359.59	12,315.0	13.1	-339.3	41.3	10.00	9.99	0.45
12,700.0	90.00	359.59	12,315.0	41.6	-339.5	69.7	0.00	0.00	0.00
12,800.0	90.00	359.59	12,315.0	141.6	-340.2	169.4	0.00	0.00	0.00
12,900.0	90.00	359.59	12,315.0	241.6	-340.9	269.1	0.00	0.00	0.00
13,000.0	90.00	359.59	12,315.0	341.6	-341.7	368.8	0.00	0.00	0.00
13,100.0	90.00	359.59	12,315.0	441.6	-342.4	468.5	0.00	0.00	0.00
13,200.0	90.00	359.59	12,315.0	541.6	-343.1	568.2	0.00	0.00	0.00
13,300.0	90.00	359.59	12,315.0	641.6	-343.8	667.9	0.00	0.00	0.00
13,400.0	90.00	359.59	12,315.0	741.6	-344.5	767.7	0.00	0.00	0.00
13,500.0	90.00	359.59	12,315.0	841.6	-345.2	867.4	0.00	0.00	0.00
13,600.0	90.00	359.59	12,315.0	941.6	-346.0	967.1	0.00	0.00	0.00
13,700.0	90.00	359.59	12,315.0	1,041.6	-346.7	1,066.8	0.00	0.00	0.00
13,800.0	90.00	359.59	12,315.0	1,141.5	-347.4	1,166.5	0.00	0.00	0.00
13,900.0	90.00	359.59	12,315.0	1,241.5	-348.1	1,266.2	0.00	0.00	0.00
14,000.0	90.00	359.59	12,315.0	1,341.5	-348.8	1,365.9	0.00	0.00	0.00
14,100.0	90.00	359.59	12,315.0	1,441.5	-349.5	1,465.6	0.00	0.00	0.00
14,200.0	90.00	359.59	12,315.0	1,541.5	-350.2	1,565.3	0.00	0.00	0.00
14,300.0	90.00	359.59	12,315.0	1,641.5	-351.0	1,665.1	0.00	0.00	0.00
14,400.0	90.00	359.59	12,315.0	1,741.5	-351.7	1,764.8	0.00	0.00	0.00
14,500.0	90.00	359.59	12,315.0	1,841.5	-352.4	1,864.5	0.00	0.00	0.00
14,600.0	90.00	359.59	12,315.0	1,941.5	-353.1	1,964.2	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #702H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25' @ 3309.0usft (H&P 651)
Site:	Braswell 16 State	**North Reference:**	Grid
Well:	#702H	**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)
14,700.0	90.00	359.59	12,315.0	2,041.5	-353.8	2,063.9	0.00	0.00	0.00
14,800.0	90.00	359.59	12,315.0	2,141.5	-354.5	2,163.6	0.00	0.00	0.00
14,900.0	90.00	359.59	12,315.0	2,241.5	-355.3	2,263.3	0.00	0.00	0.00
15,000.0	90.00	359.59	12,315.0	2,341.5	-356.0	2,363.0	0.00	0.00	0.00
15,100.0	90.00	359.59	12,315.0	2,441.5	-356.7	2,462.7	0.00	0.00	0.00
15,200.0	90.00	359.59	12,315.0	2,541.5	-357.4	2,562.4	0.00	0.00	0.00
15,300.0	90.00	359.59	12,315.0	2,641.5	-358.1	2,662.2	0.00	0.00	0.00
15,400.0	90.00	359.59	12,315.0	2,741.5	-358.8	2,761.9	0.00	0.00	0.00
15,500.0	90.00	359.59	12,315.0	2,841.5	-359.5	2,861.6	0.00	0.00	0.00
15,600.0	90.00	359.59	12,315.0	2,941.5	-360.3	2,961.3	0.00	0.00	0.00
15,700.0	90.00	359.59	12,315.0	3,041.5	-361.0	3,061.0	0.00	0.00	0.00
15,800.0	90.00	359.59	12,315.0	3,141.5	-361.7	3,160.7	0.00	0.00	0.00
15,900.0	90.00	359.59	12,315.0	3,241.5	-362.4	3,260.4	0.00	0.00	0.00
16,000.0	90.00	359.59	12,315.0	3,341.5	-363.1	3,360.1	0.00	0.00	0.00
16,100.0	90.00	359.59	12,315.0	3,441.5	-363.8	3,459.8	0.00	0.00	0.00
16,200.0	90.00	359.59	12,315.0	3,541.5	-364.6	3,559.5	0.00	0.00	0.00
16,300.0	90.00	359.59	12,315.0	3,641.5	-365.3	3,659.3	0.00	0.00	0.00
16,400.0	90.00	359.59	12,315.0	3,741.5	-366.0	3,759.0	0.00	0.00	0.00
16,500.0	90.00	359.59	12,315.0	3,841.5	-366.7	3,858.7	0.00	0.00	0.00
16,600.0	90.00	359.59	12,315.0	3,941.5	-367.4	3,958.4	0.00	0.00	0.00
16,700.0	90.00	359.59	12,315.0	4,041.5	-368.1	4,058.1	0.00	0.00	0.00
16,800.0	90.00	359.59	12,315.0	4,141.5	-368.8	4,157.8	0.00	0.00	0.00
16,900.0	90.00	359.59	12,315.0	4,241.5	-369.6	4,257.5	0.00	0.00	0.00
17,000.0	90.00	359.59	12,315.0	4,341.5	-370.3	4,357.2	0.00	0.00	0.00
17,100.5	90.00	359.59	12,315.0	4,442.0	-371.0	4,457.5	0.00	0.00	0.00
PBHL (Braswell 16 State 702H)									

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 State 7	0.00	0.00	12,315.0	-281.0	-337.0	378,022.00	735,980.00	32° 2' 13.236 N	103° 34' 18.474 W
- plan misses target center by 71.1usft at 12400.0usft MD (12251.9 TVD, -248.3 N, -334.6 E)									
- Point									
PBHL (Braswell 16 State	0.00	0.00	12,315.0	4,442.0	-371.0	382,745.00	735,946.00	32° 2' 59.977 N	103° 34' 18.482 W
- plan hits target center									
- Point									