

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-025-43402	✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Braswell 16 State Com	✓
8. Well Number 707H	✓
9. OGRID Number 7377	✓
10. Pool name or Wildcat *WC-025 G-09 S263327G; Upper Wolfcamp	

SUNDRY NOTICES AND REPORTS ON WELLS  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other  **OCD - HOBBS**

2. Name of Operator  
EOG Resources, Inc. ✓ **09/07/2016 RECEIVED**

3. Address of Operator  
P.O. Box 2267 Midland, TX 79702

4. Well Location  
 Unit Letter D 270 feet from the North line and 800 feet from the West line  
 Section 16 Township 26S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3280' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources requests an amendment to our approved APD for this well to reflect changes in SHL.

Change SHL from 330' FNL & 800' FWL, 16-26S-33E TO: 270' FNL & 800' FWL, 16-26S-33E

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 9/07/2016

Type or print name Stan Wagner E-mail address: \_\_\_\_\_ PHONE: 432-686-3689

**For State Use Only**

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 09/08/2016  
 Conditions of Approval (if any): \_\_\_\_\_

KZ

**Revised Permit Information 9/7/16:**

**OCD - HOBBS  
09/07/2016  
RECEIVED**

Well Name: Braswell 16 State No. 707H

**Location:**

SL: 270' FNL & 800' FWL, Section 16, T-26-S, R-33-E, Lea Co., N.M.

BHL: 230' FSL & 1210' FWL, Section 16, T-26-S, R-33-E, Lea Co., N.M.

**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF <sub>min</sub> Collapse	DF <sub>min</sub> Burst	DF <sub>min</sub> Tension
14.75"	0 - 875'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
8.75"	0' - 10,900'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-17,126'	5.5"	23#	HCP-110	JFE Bear	1.125	1.25	1.60

**Cement Program:**

Depth	No. Sacks	Wt. ppg	Yld Ft <sup>3</sup> /ft	Slurry Description
875'	375	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
10,900'	250	14.8	1.38	Class C + 5% Gypsum + 3% CaCl <sub>2</sub>
	2000	14.8	1.38	Class C + 5% Gypsum + 3% CaCl <sub>2</sub>
	550	14.4	1.20	50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P
17,126'	575	14.2	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,400')

**Mud Program:**

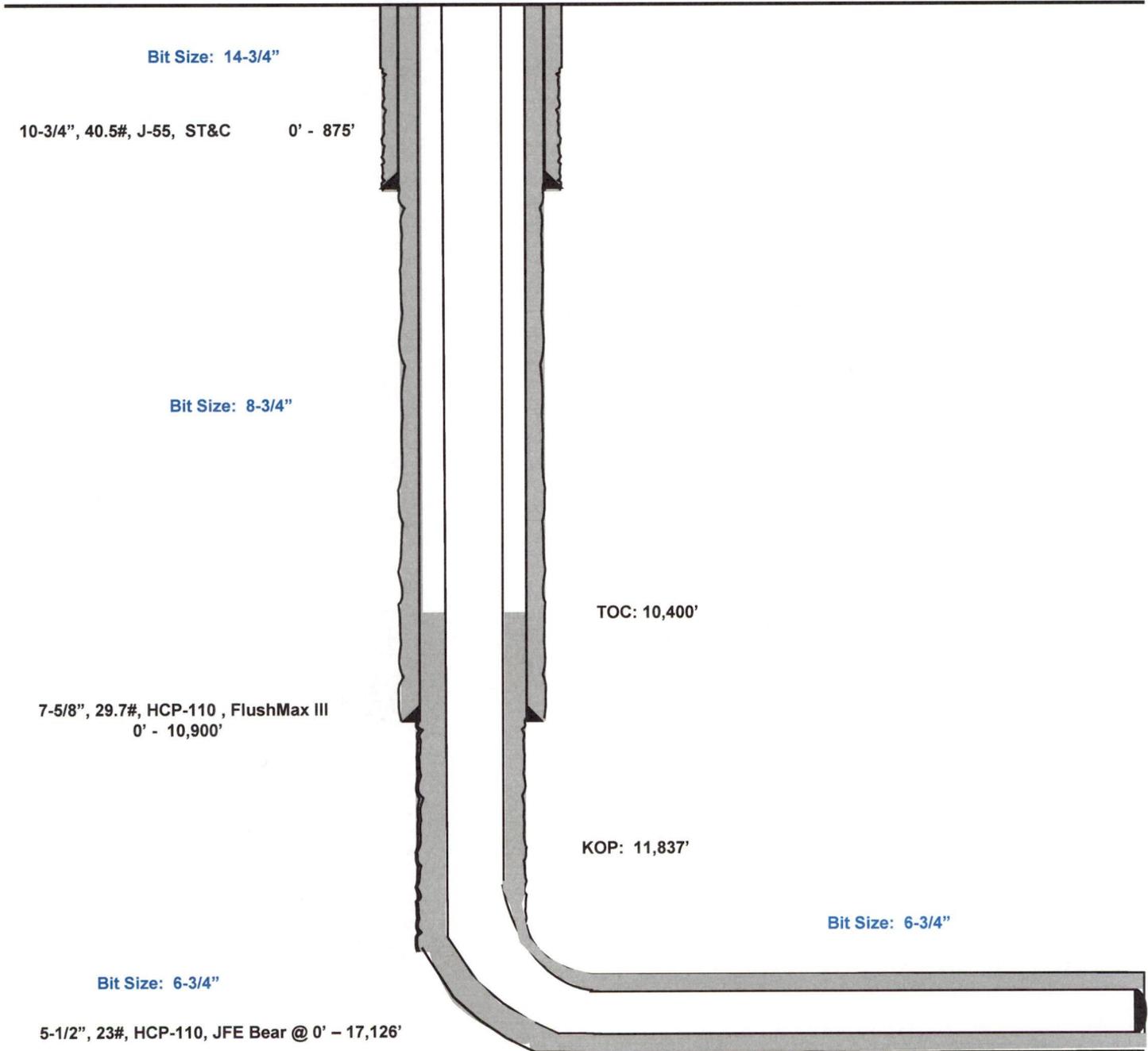
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 875'	Fresh - Gel	8.6-8.8	28-34	N/c
875' - 10,900'	Brine	8.8-10.0	28-34	N/c
10,900' - 11,837'	Oil Base	10.0-11.5	58-68	3 - 6
11,837' - 17,126' Lateral	Oil Base	10.0-11.5	58-68	3 - 6

Braswell 16 State #707H

Lea County, New Mexico  
Proposed Wellbore  
Revised 9/7/16  
API: 30-025-43402

270' FNL  
800' FWL  
Section 16  
T-26-S, R-33-E

KB: 3,305'  
GL: 3,280'



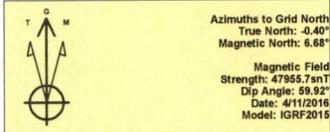
Lateral: 17,126' MD, 12,315' TVD  
BH Location: 230' FSL & 1210' FWL  
Section 16  
T-26-S, R-33-E



Lea County, NM (NAD 27 NME)

Braswell 16 State #707H

Plan #0.3



To convert a Magnetic Direction to a Grid Direction, Add 6.68°  
 To convert a Magnetic Direction to a True Direction, Add 7.07° 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: #707H

Ground Level:	3280.0
KB +25 @ 3305.0usft	
Northing	382691.00
Easting	732564.00
Latitude	32° 2' 59.677 N
Longitude	103° 34' 57.760 W

SECTION DETAILS

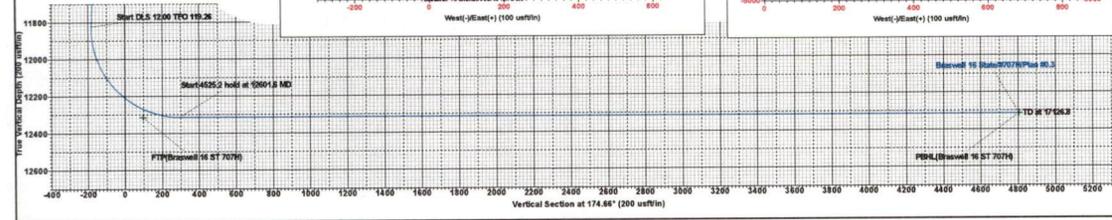
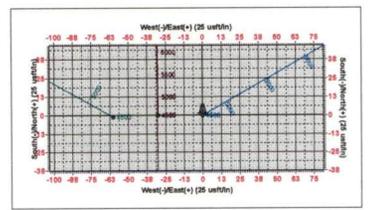
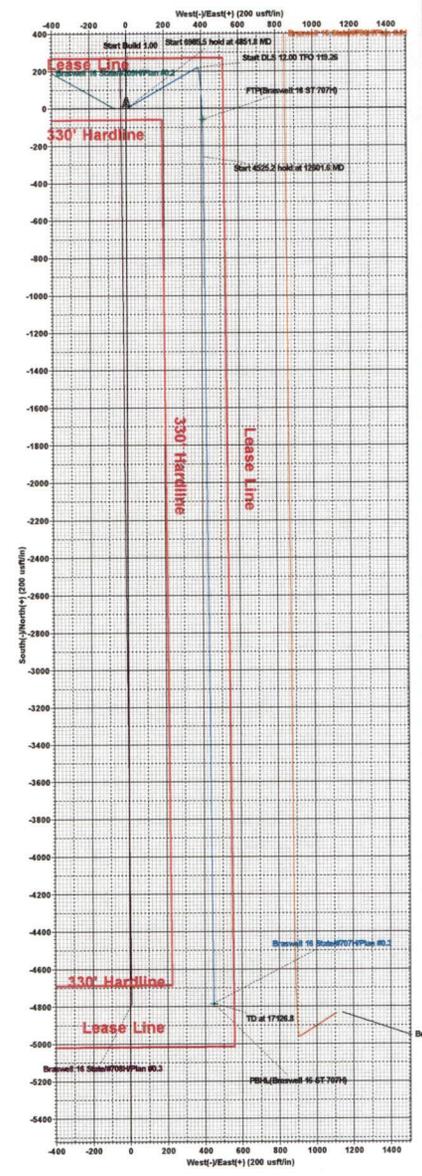
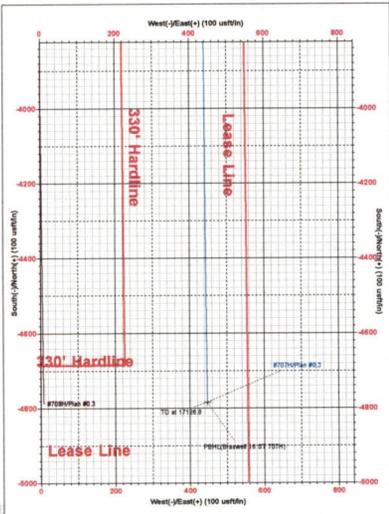
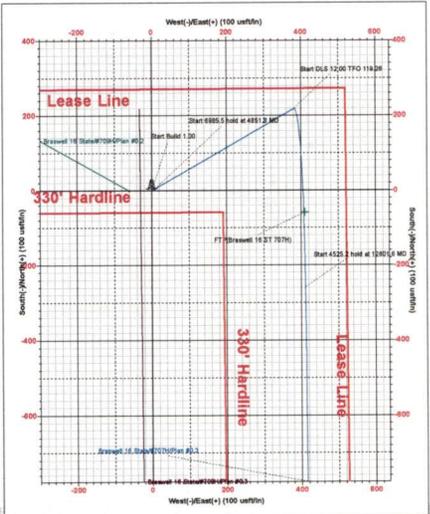
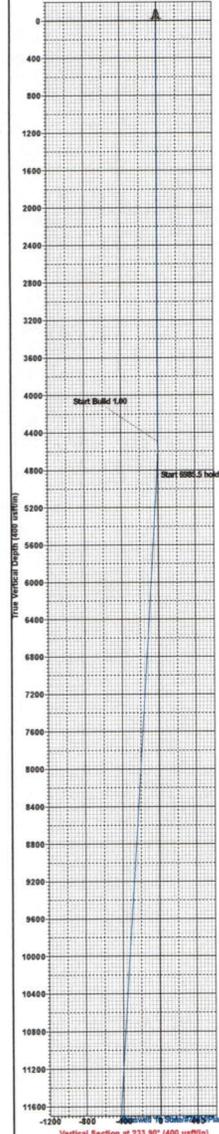
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	4851.8	3.52	60.25	4851.6	5.4	9.4	1.00	60.25	-4.5	
4	11837.3	3.52	60.25	11823.9	218.1	381.5	0.00	0.00	-181.7	
5	12601.6	90.00	179.55	12315.0	-258.9	411.6	12.00	119.26	296.1	
6	17126.8	90.00	179.55	12315.0	-4784.0	447.0	0.00	0.00	4804.8	PBHL(Braswell 16 ST 707H)

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 707H)	12315.0	-4784.0	447.0	377907.00	733011.00
FTP(Braswell 16 ST 707H)	12315.0	-69.0	410.0	382632.00	732974.00



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 09/07/2016  
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OCD - HOBBS  
09/07/2016  
RECEIVED

## **EOG Resources - Midland**

Lea County, NM (NAD 27 NME)

Braswell 16 State

#707H

OH

Plan: Plan #0.3

## **Standard Planning Report**

07 September, 2016



**EOG Resources, Inc.**

Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well #707H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB +25 @ 3305.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB +25 @ 3305.0usft
<b>Site:</b>	Braswell 16 State	<b>North Reference:</b>	Grid
<b>Well:</b>	#707H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.3		

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

<b>Well</b>	#707H					
<b>Well Position</b>	<b>+N/-S</b>	4,388.0 usft	<b>Northing:</b>	382,691.00 usft	<b>Latitude:</b>	32° 2' 59.677 N
	<b>+E/-W</b>	-3,783.0 usft	<b>Easting:</b>	732,564.00 usft	<b>Longitude:</b>	103° 34' 57.780 W
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	0.0 usft	<b>Ground Level:</b>	3,280.0 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	4/11/2016	7.07	59.92	47,956

<b>Design</b>	Plan #0.3			
<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	174.66

<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	
4,851.8	3.52	60.25	4,851.6	5.4	9.4	1.00	1.00	0.00	60.25	
11,837.3	3.52	60.25	11,823.9	218.1	381.5	0.00	0.00	0.00	0.00	
12,601.6	90.00	179.55	12,315.0	-258.9	411.6	12.00	11.31	15.61	119.26	
17,126.8	90.00	179.55	12,315.0	-4,784.0	447.0	0.00	0.00	0.00	0.00	PBHL(Braswell 16 ST)



EOG Resources, Inc.

Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well #707H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB +25 @ 3305.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB +25 @ 3305.0usft
<b>Site:</b>	Braswell 16 State	<b>North Reference:</b>	Grid
<b>Well:</b>	#707H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.3		

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	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	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	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	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	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	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	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	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	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	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	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	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	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	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	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	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	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	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	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	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	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	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	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	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	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	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	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	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	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	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	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	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	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	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	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	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	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	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	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	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	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	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	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	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	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
4,600.0	1.00	60.25	4,600.0	0.4	0.8	-0.4	1.00	1.00	0.00	0.00
4,700.0	2.00	60.25	4,700.0	1.7	3.0	-1.4	1.00	1.00	0.00	0.00
4,800.0	3.00	60.25	4,799.9	3.9	6.8	-3.2	1.00	1.00	0.00	0.00
4,851.8	3.52	60.25	4,851.6	5.4	9.4	-4.5	1.00	1.00	0.00	0.00
4,900.0	3.52	60.25	4,899.7	6.8	11.9	-5.7	0.00	0.00	0.00	0.00
5,000.0	3.52	60.25	4,999.5	9.9	17.3	-8.2	0.00	0.00	0.00	0.00
5,100.0	3.52	60.25	5,099.3	12.9	22.6	-10.8	0.00	0.00	0.00	0.00
5,200.0	3.52	60.25	5,199.1	16.0	27.9	-13.3	0.00	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 #707H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB +25 @ 3305.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB +25 @ 3305.0usft
<b>Site:</b>	Braswell 16 State	<b>North Reference:</b>	Grid
<b>Well:</b>	#707H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.3		

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	3.52	60.25	5,298.9	19.0	33.2	-15.8	0.00	0.00	0.00	
5,400.0	3.52	60.25	5,398.7	22.1	38.6	-18.4	0.00	0.00	0.00	
5,500.0	3.52	60.25	5,498.6	25.1	43.9	-20.9	0.00	0.00	0.00	
5,600.0	3.52	60.25	5,598.4	28.1	49.2	-23.4	0.00	0.00	0.00	
5,700.0	3.52	60.25	5,698.2	31.2	54.6	-26.0	0.00	0.00	0.00	
5,800.0	3.52	60.25	5,798.0	34.2	59.9	-28.5	0.00	0.00	0.00	
5,900.0	3.52	60.25	5,897.8	37.3	65.2	-31.1	0.00	0.00	0.00	
6,000.0	3.52	60.25	5,997.6	40.3	70.5	-33.6	0.00	0.00	0.00	
6,100.0	3.52	60.25	6,097.4	43.4	75.9	-36.1	0.00	0.00	0.00	
6,200.0	3.52	60.25	6,197.2	46.4	81.2	-38.7	0.00	0.00	0.00	
6,300.0	3.52	60.25	6,297.0	49.5	86.5	-41.2	0.00	0.00	0.00	
6,400.0	3.52	60.25	6,396.9	52.5	91.8	-43.7	0.00	0.00	0.00	
6,500.0	3.52	60.25	6,496.7	55.6	97.2	-46.3	0.00	0.00	0.00	
6,600.0	3.52	60.25	6,596.5	58.6	102.5	-48.8	0.00	0.00	0.00	
6,700.0	3.52	60.25	6,696.3	61.6	107.8	-51.3	0.00	0.00	0.00	
6,800.0	3.52	60.25	6,796.1	64.7	113.2	-53.9	0.00	0.00	0.00	
6,900.0	3.52	60.25	6,895.9	67.7	118.5	-56.4	0.00	0.00	0.00	
7,000.0	3.52	60.25	6,995.7	70.8	123.8	-59.0	0.00	0.00	0.00	
7,100.0	3.52	60.25	7,095.5	73.8	129.1	-61.5	0.00	0.00	0.00	
7,200.0	3.52	60.25	7,195.4	76.9	134.5	-64.0	0.00	0.00	0.00	
7,300.0	3.52	60.25	7,295.2	79.9	139.8	-66.6	0.00	0.00	0.00	
7,400.0	3.52	60.25	7,395.0	83.0	145.1	-69.1	0.00	0.00	0.00	
7,500.0	3.52	60.25	7,494.8	86.0	150.4	-71.6	0.00	0.00	0.00	
7,600.0	3.52	60.25	7,594.6	89.0	155.8	-74.2	0.00	0.00	0.00	
7,700.0	3.52	60.25	7,694.4	92.1	161.1	-76.7	0.00	0.00	0.00	
7,800.0	3.52	60.25	7,794.2	95.1	166.4	-79.2	0.00	0.00	0.00	
7,900.0	3.52	60.25	7,894.0	98.2	171.8	-81.8	0.00	0.00	0.00	
8,000.0	3.52	60.25	7,993.8	101.2	177.1	-84.3	0.00	0.00	0.00	
8,100.0	3.52	60.25	8,093.7	104.3	182.4	-86.9	0.00	0.00	0.00	
8,200.0	3.52	60.25	8,193.5	107.3	187.7	-89.4	0.00	0.00	0.00	
8,300.0	3.52	60.25	8,293.3	110.4	193.1	-91.9	0.00	0.00	0.00	
8,400.0	3.52	60.25	8,393.1	113.4	198.4	-94.5	0.00	0.00	0.00	
8,500.0	3.52	60.25	8,492.9	116.5	203.7	-97.0	0.00	0.00	0.00	
8,600.0	3.52	60.25	8,592.7	119.5	209.0	-99.5	0.00	0.00	0.00	
8,700.0	3.52	60.25	8,692.5	122.5	214.4	-102.1	0.00	0.00	0.00	
8,800.0	3.52	60.25	8,792.3	125.6	219.7	-104.6	0.00	0.00	0.00	
8,900.0	3.52	60.25	8,892.2	128.6	225.0	-107.1	0.00	0.00	0.00	
9,000.0	3.52	60.25	8,992.0	131.7	230.4	-109.7	0.00	0.00	0.00	
9,100.0	3.52	60.25	9,091.8	134.7	235.7	-112.2	0.00	0.00	0.00	
9,200.0	3.52	60.25	9,191.6	137.8	241.0	-114.8	0.00	0.00	0.00	
9,300.0	3.52	60.25	9,291.4	140.8	246.3	-117.3	0.00	0.00	0.00	
9,400.0	3.52	60.25	9,391.2	143.9	251.7	-119.8	0.00	0.00	0.00	
9,500.0	3.52	60.25	9,491.0	146.9	257.0	-122.4	0.00	0.00	0.00	
9,600.0	3.52	60.25	9,590.8	150.0	262.3	-124.9	0.00	0.00	0.00	
9,700.0	3.52	60.25	9,690.6	153.0	267.6	-127.4	0.00	0.00	0.00	
9,800.0	3.52	60.25	9,790.5	156.0	273.0	-130.0	0.00	0.00	0.00	
9,900.0	3.52	60.25	9,890.3	159.1	278.3	-132.5	0.00	0.00	0.00	
10,000.0	3.52	60.25	9,990.1	162.1	283.6	-135.0	0.00	0.00	0.00	
10,100.0	3.52	60.25	10,089.9	165.2	289.0	-137.6	0.00	0.00	0.00	
10,200.0	3.52	60.25	10,189.7	168.2	294.3	-140.1	0.00	0.00	0.00	
10,300.0	3.52	60.25	10,289.5	171.3	299.6	-142.7	0.00	0.00	0.00	
10,400.0	3.52	60.25	10,389.3	174.3	304.9	-145.2	0.00	0.00	0.00	
10,500.0	3.52	60.25	10,489.1	177.4	310.3	-147.7	0.00	0.00	0.00	
10,600.0	3.52	60.25	10,588.9	180.4	315.6	-150.3	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  
 Well: #707H  
 Wellbore: OH  
 Design: Plan #0.3

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:

Well #707H  
 KB +25 @ 3305.0usft  
 KB +25 @ 3305.0usft  
 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)	
10,700.0	3.52	60.25	10,688.8	183.5	320.9	-152.8	0.00	0.00	0.00	
10,800.0	3.52	60.25	10,788.6	186.5	326.2	-155.3	0.00	0.00	0.00	
10,900.0	3.52	60.25	10,888.4	189.5	331.6	-157.9	0.00	0.00	0.00	
11,000.0	3.52	60.25	10,988.2	192.6	336.9	-160.4	0.00	0.00	0.00	
11,100.0	3.52	60.25	11,088.0	195.6	342.2	-162.9	0.00	0.00	0.00	
11,200.0	3.52	60.25	11,187.8	198.7	347.6	-165.5	0.00	0.00	0.00	
11,300.0	3.52	60.25	11,287.6	201.7	352.9	-168.0	0.00	0.00	0.00	
11,400.0	3.52	60.25	11,387.4	204.8	358.2	-170.6	0.00	0.00	0.00	
11,500.0	3.52	60.25	11,487.3	207.8	363.5	-173.1	0.00	0.00	0.00	
11,600.0	3.52	60.25	11,587.1	210.9	368.9	-175.6	0.00	0.00	0.00	
11,700.0	3.52	60.25	11,686.9	213.9	374.2	-178.2	0.00	0.00	0.00	
11,800.0	3.52	60.25	11,786.7	217.0	379.5	-180.7	0.00	0.00	0.00	
11,837.3	3.52	60.25	11,823.9	218.1	381.5	-181.7	0.00	0.00	0.00	
11,850.0	3.07	85.91	11,836.6	218.3	382.2	-181.8	12.00	-3.48	201.83	
11,875.0	4.16	132.02	11,861.5	217.7	383.5	-181.1	12.00	4.33	184.42	
11,900.0	6.56	151.78	11,886.4	215.9	384.9	-179.1	12.00	9.63	79.06	
11,925.0	9.32	160.49	11,911.2	212.7	386.2	-175.9	12.00	11.03	34.82	
11,950.0	12.19	165.18	11,935.8	208.3	387.6	-171.3	12.00	11.49	18.80	
11,975.0	15.11	168.10	11,960.0	202.5	388.9	-165.5	12.00	11.68	11.67	
12,000.0	18.06	170.09	11,984.0	195.5	390.3	-158.3	12.00	11.79	7.95	
12,025.0	21.02	171.53	12,007.6	187.2	391.6	-150.0	12.00	11.84	5.78	
12,050.0	23.99	172.63	12,030.7	177.8	392.9	-140.4	12.00	11.88	4.40	
12,075.0	26.97	173.50	12,053.2	167.1	394.2	-129.7	12.00	11.91	3.48	
12,100.0	29.95	174.21	12,075.2	155.3	395.5	-117.8	12.00	11.92	2.84	
12,125.0	32.93	174.80	12,096.5	142.3	396.7	-104.8	12.00	11.94	2.37	
12,150.0	35.92	175.31	12,117.1	128.2	397.9	-90.6	12.00	11.95	2.01	
12,175.0	38.91	175.74	12,137.0	113.1	399.1	-75.4	12.00	11.95	1.74	
12,200.0	41.90	176.13	12,156.0	96.9	400.3	-59.2	12.00	11.96	1.53	
12,225.0	44.89	176.47	12,174.2	79.8	401.4	-42.1	12.00	11.96	1.36	
12,250.0	47.88	176.77	12,191.4	61.7	402.4	-24.0	12.00	11.97	1.23	
12,275.0	50.87	177.05	12,207.7	42.7	403.5	-5.0	12.00	11.97	1.12	
12,300.0	53.86	177.31	12,223.0	23.0	404.4	14.7	12.00	11.97	1.02	
12,325.0	56.86	177.55	12,237.2	2.4	405.3	35.3	12.00	11.97	0.95	
12,350.0	59.85	177.77	12,250.3	-18.8	406.2	56.5	12.00	11.98	0.89	
12,375.0	62.85	177.98	12,262.3	-40.8	407.0	78.4	12.00	11.98	0.83	
12,400.0	65.84	178.17	12,273.1	-63.3	407.8	100.9	12.00	11.98	0.79	
12,412.3	67.31	178.27	12,278.0	-74.5	408.1	112.2	12.00	11.98	0.76	
<b>FTP(Braswell 16 ST 707H)</b>										
12,425.0	68.84	178.36	12,282.7	-86.3	408.5	124.0	12.00	11.98	0.75	
12,450.0	71.83	178.54	12,291.2	-109.9	409.1	147.4	12.00	11.98	0.72	
12,475.0	74.83	178.72	12,298.3	-133.8	409.7	171.3	12.00	11.98	0.70	
12,500.0	77.82	178.89	12,304.2	-158.1	410.2	195.6	12.00	11.98	0.68	
12,525.0	80.82	179.05	12,308.9	-182.6	410.6	220.1	12.00	11.98	0.67	
12,550.0	83.81	179.22	12,312.2	-207.4	411.0	244.8	12.00	11.98	0.65	
12,575.0	86.81	179.38	12,314.3	-232.3	411.3	269.6	12.00	11.98	0.65	
12,601.6	90.00	179.55	12,315.0	-258.9	411.6	296.1	12.00	11.98	0.64	
12,700.0	90.00	179.55	12,315.0	-357.3	412.3	394.1	0.00	0.00	0.00	
12,800.0	90.00	179.55	12,315.0	-457.3	413.1	493.8	0.00	0.00	0.00	
12,900.0	90.00	179.55	12,315.0	-557.3	413.9	593.4	0.00	0.00	0.00	
13,000.0	90.00	179.55	12,315.0	-657.3	414.7	693.0	0.00	0.00	0.00	
13,100.0	90.00	179.55	12,315.0	-757.3	415.5	792.7	0.00	0.00	0.00	
13,200.0	90.00	179.55	12,315.0	-857.3	416.3	892.3	0.00	0.00	0.00	
13,300.0	90.00	179.55	12,315.0	-957.3	417.0	991.9	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 #707H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB +25 @ 3305.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB +25 @ 3305.0usft
<b>Site:</b>	Braswell 16 State	<b>North Reference:</b>	Grid
<b>Well:</b>	#707H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.3		

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)	
13,400.0	90.00	179.55	12,315.0	-1,057.3	417.8	1,091.6	0.00	0.00	0.00	
13,500.0	90.00	179.55	12,315.0	-1,157.3	418.6	1,191.2	0.00	0.00	0.00	
13,600.0	90.00	179.55	12,315.0	-1,257.3	419.4	1,290.8	0.00	0.00	0.00	
13,700.0	90.00	179.55	12,315.0	-1,357.3	420.2	1,390.5	0.00	0.00	0.00	
13,800.0	90.00	179.55	12,315.0	-1,457.3	420.9	1,490.1	0.00	0.00	0.00	
13,900.0	90.00	179.55	12,315.0	-1,557.3	421.7	1,589.8	0.00	0.00	0.00	
14,000.0	90.00	179.55	12,315.0	-1,657.3	422.5	1,689.4	0.00	0.00	0.00	
14,100.0	90.00	179.55	12,315.0	-1,757.3	423.3	1,789.0	0.00	0.00	0.00	
14,200.0	90.00	179.55	12,315.0	-1,857.3	424.1	1,888.7	0.00	0.00	0.00	
14,300.0	90.00	179.55	12,315.0	-1,957.3	424.9	1,988.3	0.00	0.00	0.00	
14,400.0	90.00	179.55	12,315.0	-2,057.3	425.6	2,087.9	0.00	0.00	0.00	
14,500.0	90.00	179.55	12,315.0	-2,157.3	426.4	2,187.6	0.00	0.00	0.00	
14,600.0	90.00	179.55	12,315.0	-2,257.3	427.2	2,287.2	0.00	0.00	0.00	
14,700.0	90.00	179.55	12,315.0	-2,357.2	428.0	2,386.8	0.00	0.00	0.00	
14,800.0	90.00	179.55	12,315.0	-2,457.2	428.8	2,486.5	0.00	0.00	0.00	
14,900.0	90.00	179.55	12,315.0	-2,557.2	429.6	2,586.1	0.00	0.00	0.00	
15,000.0	90.00	179.55	12,315.0	-2,657.2	430.3	2,685.8	0.00	0.00	0.00	
15,100.0	90.00	179.55	12,315.0	-2,757.2	431.1	2,785.4	0.00	0.00	0.00	
15,200.0	90.00	179.55	12,315.0	-2,857.2	431.9	2,885.0	0.00	0.00	0.00	
15,300.0	90.00	179.55	12,315.0	-2,957.2	432.7	2,984.7	0.00	0.00	0.00	
15,400.0	90.00	179.55	12,315.0	-3,057.2	433.5	3,084.3	0.00	0.00	0.00	
15,500.0	90.00	179.55	12,315.0	-3,157.2	434.3	3,183.9	0.00	0.00	0.00	
15,600.0	90.00	179.55	12,315.0	-3,257.2	435.0	3,283.6	0.00	0.00	0.00	
15,700.0	90.00	179.55	12,315.0	-3,357.2	435.8	3,383.2	0.00	0.00	0.00	
15,800.0	90.00	179.55	12,315.0	-3,457.2	436.6	3,482.8	0.00	0.00	0.00	
15,900.0	90.00	179.55	12,315.0	-3,557.2	437.4	3,582.5	0.00	0.00	0.00	
16,000.0	90.00	179.55	12,315.0	-3,657.2	438.2	3,682.1	0.00	0.00	0.00	
16,100.0	90.00	179.55	12,315.0	-3,757.2	439.0	3,781.7	0.00	0.00	0.00	
16,200.0	90.00	179.55	12,315.0	-3,857.2	439.7	3,881.4	0.00	0.00	0.00	
16,300.0	90.00	179.55	12,315.0	-3,957.2	440.5	3,981.0	0.00	0.00	0.00	
16,400.0	90.00	179.55	12,315.0	-4,057.2	441.3	4,080.7	0.00	0.00	0.00	
16,500.0	90.00	179.55	12,315.0	-4,157.2	442.1	4,180.3	0.00	0.00	0.00	
16,600.0	90.00	179.55	12,315.0	-4,257.2	442.9	4,279.9	0.00	0.00	0.00	
16,700.0	90.00	179.55	12,315.0	-4,357.2	443.7	4,379.6	0.00	0.00	0.00	
16,800.0	90.00	179.55	12,315.0	-4,457.2	444.4	4,479.2	0.00	0.00	0.00	
16,900.0	90.00	179.55	12,315.0	-4,557.2	445.2	4,578.8	0.00	0.00	0.00	
17,000.0	90.00	179.55	12,315.0	-4,657.2	446.0	4,678.5	0.00	0.00	0.00	
17,100.0	90.00	179.55	12,315.0	-4,757.2	446.8	4,778.1	0.00	0.00	0.00	
17,126.8	90.00	179.55	12,315.0	-4,784.0	447.0	4,804.8	0.00	0.00	0.00	
PBHL(Braswell 16 ST 707H)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
FTP(Braswell 16 ST 707 - hit/miss target - Shape - Point	0.00	0.01	12,315.0	-59.0	410.0	382,632.00	732,974.00	32° 2' 59.065 N	103° 34' 53.021 W	- plan misses target center by 40.2usft at 12412.3usft MD (12278.0 TVD, -74.5 N, 408.1 E)
PBHL(Braswell 16 ST 707 - plan hits target center - Point	0.00	0.00	12,315.0	-4,784.0	447.0	377,907.00	733,011.00	32° 2' 12.304 N	103° 34' 52.973 W	



**EOG Resources, Inc.**

Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well #707H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB +25 @ 3305.0usft
<b>Project:</b>	Lea County, NM (NAD 27 NME)	<b>MD Reference:</b>	KB +25 @ 3305.0usft
<b>Site:</b>	Braswell 16 State	<b>North Reference:</b>	Grid
<b>Well:</b>	#707H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.3		