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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-43082
5. Indicate Type of Lease STATE ■ FEE ☐
6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Braswell 16 State

1. Type of Well: Oil Well ■ Gas Well ☐ Other

HOBBS OCD

8. Well Number 702H

2. Name of Operator: EOG Resources, Inc.

MAR 11 2016

9. OGRID Number 7377

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

RECEIVED

10. Pool name or Wildcat: *WC-025 G-09 S263327G; Upper Wolfcamp

4. Well Location
Unit Letter P : 609 feet from the South line and 761 feet from the East line
Section 16 Township 26S Range 33E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3284' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

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 a change in BHL.

Change from 230' FNL & 1100' FEL TO: 230' FNL & 990' FEL, 16-26S-33E

HOBBS OCD
MAR 11 2016
RECEIVED

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 3/11/2016

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

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE 03/14/16

Conditions of Approval (if any):

MAR 14 2016

Revised Permit Information 3/9/16:

Well Name: Braswell 16 State No. 702H

Location:

SL: 609' FSL & 761' FEL, Section 16, T-26-S, R-33-E, Lea Co., N.M.
BHL: 230' FNL & 990' FEL, Section 16, T-26-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF_{min} Collapse	DF_{min} Burst	DF_{min} Tension
14.75"	0 – 875'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-10,400'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
6.75"	0'-17,096'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft^3/ft	Slurry Description
875'	375	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% $CaCl_2$ + 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
10,400'	225	11.0	2.93	Class C + 5% FWC-2 + 0.2% ASM-6 + 0.2% CDF-4P + 0.35% LTR + 5% SCA-1 + 1% SEA-1
	200	15.6	1.19	Class H + 0.7% LTR + 0.3% SCA-6 + 0.2% ASM-3
	2475	9.0	1.72	Foam / Class C + 1% SCA-6 + 0.2% ASM-3 + 0.15% CDF-4P + 0.25 pps LCF-7
	100	14.8	1.35	Class C + 2% CaCl2 + 2% SCA-1
17,096'	525	14.2	1.31	50:50:2 Class H + 5.0% Magnesium Oxide + 0.7% FL-52 (TOC @ 9,900')

Mud Program:

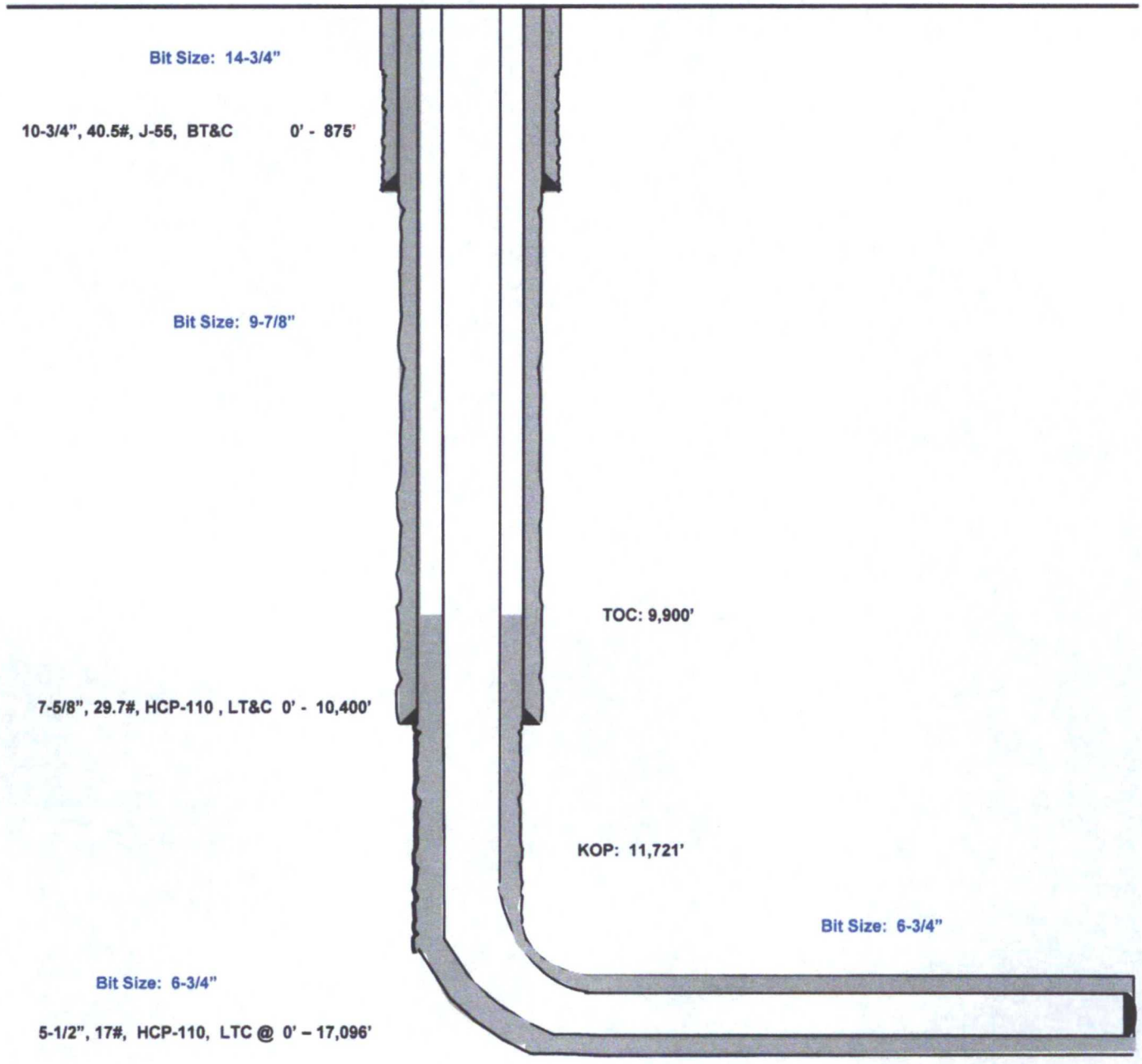
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 875'	Fresh - Gel	8.6-8.8	28-34	N/c
875' – 10,400'	Oil Base	8.7-9.4	58-68	N/c - 6
10,400' – 11,721'	Oil Base	8.7-9.4	58-68	N/c - 6
11,721' – 17,096' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Braswell 16 State #702H

609' FSL
761' FEL
Section 16
T-26-S, R-33-E

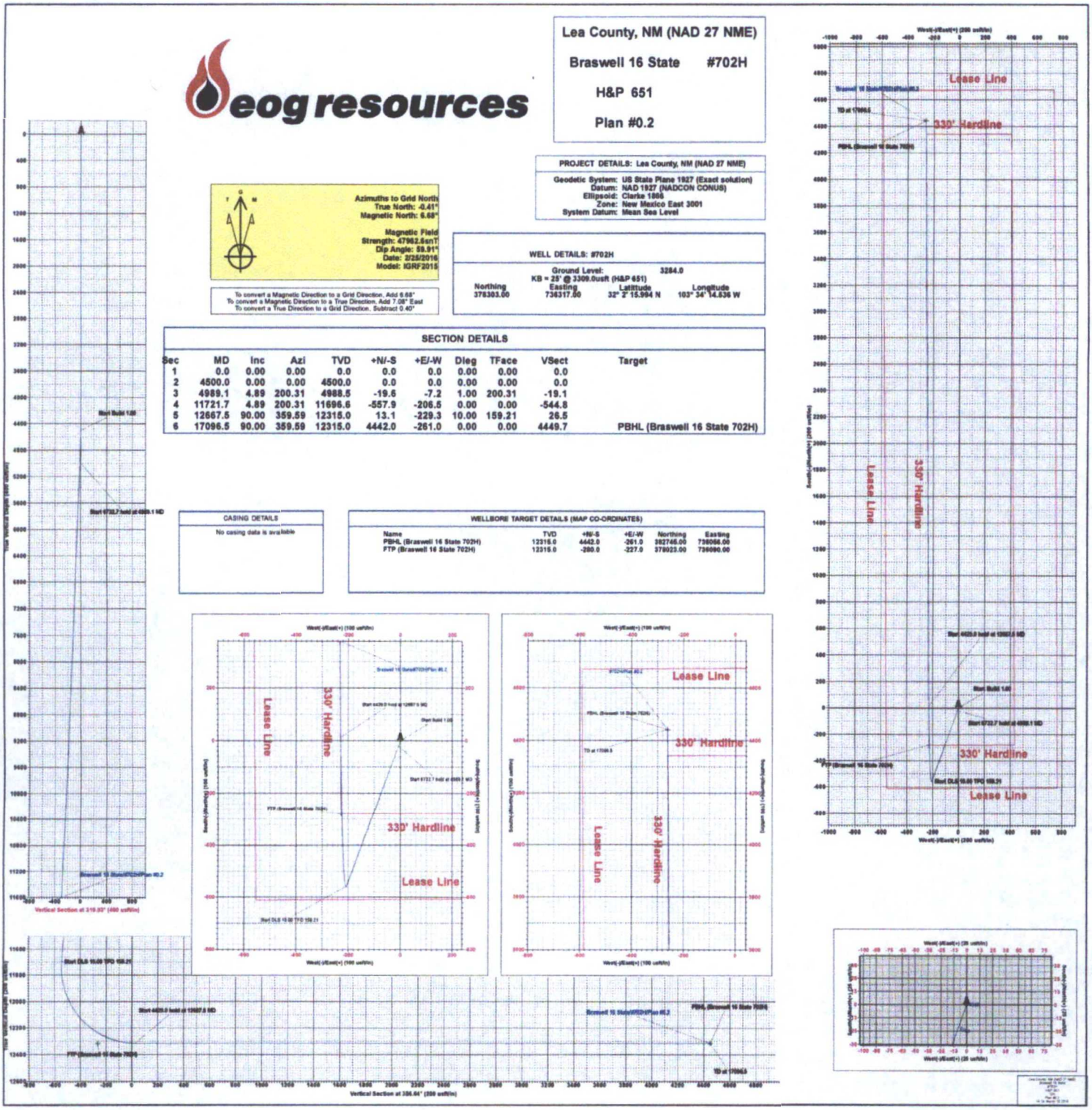
Lea County, New Mexico
Proposed Wellbore
Revised 3/9/16
API: 30-025-43082

KB: 3,309'
GL: 3,284'



Lateral: 17,096' MD, 12,315' TVD

BH Location: 230' FNL & 990' FEL
Section 16
T-26-S, R-33-E



Lea County, NM (NAD 27 NME)

Braswell 16 State #702H

H&P 651

Plan #0.2

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: -0.41°
Magnetic North: 6.68°

Magnetic Field
Strength: 47962.6snT
Dip Angle: 59.91°
Date: 8/25/2016
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.68°
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°

WELL DETAILS: #702H

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

Northing	Easting	Latitude	Longitude
378303.00	736317.00	32° 2' 15.994 N	103° 34' 14.636 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	4989.1	4.89	200.31	4988.5	-19.6	-7.2	1.00	200.31	-19.1	
4	11721.7	4.89	200.31	11696.6	-557.9	-206.5	0.00	0.00	-544.8	
5	12667.5	90.00	359.59	12315.0	13.1	-229.3	10.00	159.21	26.5	
6	17096.5	90.00	359.59	12315.0	4442.0	-261.0	0.00	0.00	4449.7	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	-261.0	382746.00	736056.00
FTP (Braswell 16 State 702H)	12315.0	-280.0	-227.0	378023.00	736090.00

EOG Resources - Midland

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

OH

Plan: Plan #0.2

Standard Planning Report

10 March, 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 #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	**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 #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	356.64	

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	
4,989.1	4.89	200.31	4,988.5	-19.6	-7.2	1.00	1.00	0.00	200.31	
11,721.7	4.89	200.31	11,696.6	-557.9	-206.5	0.00	0.00	0.00	0.00	
12,667.5	90.00	359.59	12,315.0	13.1	-229.3	10.00	9.00	16.84	159.21	
17,096.5	90.00	359.59	12,315.0	4,442.0	-261.0	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 #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	200.31	4,600.0	-0.8	-0.3	-0.8	1.00	1.00	0.00
4,700.0	2.00	200.31	4,700.0	-3.3	-1.2	-3.2	1.00	1.00	0.00
4,800.0	3.00	200.31	4,799.9	-7.4	-2.7	-7.2	1.00	1.00	0.00
4,900.0	4.00	200.31	4,899.7	-13.1	-4.8	-12.8	1.00	1.00	0.00
4,989.1	4.89	200.31	4,988.5	-19.6	-7.2	-19.1	1.00	1.00	0.00
5,000.0	4.89	200.31	4,999.4	-20.4	-7.6	-20.0	0.00	0.00	0.00
5,100.0	4.89	200.31	5,099.0	-28.4	-10.5	-27.8	0.00	0.00	0.00
5,200.0	4.89	200.31	5,198.6	-36.4	-13.5	-35.6	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 #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	4.89	200.31	5,298.3	-44.4	-16.4	-43.4	0.00	0.00	0.00
5,400.0	4.89	200.31	5,397.9	-52.4	-19.4	-51.2	0.00	0.00	0.00
5,500.0	4.89	200.31	5,497.5	-60.4	-22.4	-59.0	0.00	0.00	0.00
5,600.0	4.89	200.31	5,597.2	-68.4	-25.3	-66.8	0.00	0.00	0.00
5,700.0	4.89	200.31	5,696.8	-76.4	-28.3	-74.6	0.00	0.00	0.00
5,800.0	4.89	200.31	5,796.5	-84.4	-31.2	-82.4	0.00	0.00	0.00
5,900.0	4.89	200.31	5,896.1	-92.4	-34.2	-90.2	0.00	0.00	0.00
6,000.0	4.89	200.31	5,995.7	-100.4	-37.2	-98.0	0.00	0.00	0.00
6,100.0	4.89	200.31	6,095.4	-108.4	-40.1	-105.8	0.00	0.00	0.00
6,200.0	4.89	200.31	6,195.0	-116.4	-43.1	-113.7	0.00	0.00	0.00
6,300.0	4.89	200.31	6,294.6	-124.4	-46.0	-121.5	0.00	0.00	0.00
6,400.0	4.89	200.31	6,394.3	-132.4	-49.0	-129.3	0.00	0.00	0.00
6,500.0	4.89	200.31	6,493.9	-140.4	-52.0	-137.1	0.00	0.00	0.00
6,600.0	4.89	200.31	6,593.5	-148.4	-54.9	-144.9	0.00	0.00	0.00
6,700.0	4.89	200.31	6,693.2	-156.4	-57.9	-152.7	0.00	0.00	0.00
6,800.0	4.89	200.31	6,792.8	-164.4	-60.8	-160.5	0.00	0.00	0.00
6,900.0	4.89	200.31	6,892.4	-172.4	-63.8	-168.3	0.00	0.00	0.00
7,000.0	4.89	200.31	6,992.1	-180.3	-66.8	-176.1	0.00	0.00	0.00
7,100.0	4.89	200.31	7,091.7	-188.3	-69.7	-183.9	0.00	0.00	0.00
7,200.0	4.89	200.31	7,191.4	-196.3	-72.7	-191.7	0.00	0.00	0.00
7,300.0	4.89	200.31	7,291.0	-204.3	-75.6	-199.5	0.00	0.00	0.00
7,400.0	4.89	200.31	7,390.6	-212.3	-78.6	-207.4	0.00	0.00	0.00
7,500.0	4.89	200.31	7,490.3	-220.3	-81.6	-215.2	0.00	0.00	0.00
7,600.0	4.89	200.31	7,589.9	-228.3	-84.5	-223.0	0.00	0.00	0.00
7,700.0	4.89	200.31	7,689.5	-236.3	-87.5	-230.8	0.00	0.00	0.00
7,800.0	4.89	200.31	7,789.2	-244.3	-90.4	-238.6	0.00	0.00	0.00
7,900.0	4.89	200.31	7,888.8	-252.3	-93.4	-246.4	0.00	0.00	0.00
8,000.0	4.89	200.31	7,988.4	-260.3	-96.4	-254.2	0.00	0.00	0.00
8,100.0	4.89	200.31	8,088.1	-268.3	-99.3	-262.0	0.00	0.00	0.00
8,200.0	4.89	200.31	8,187.7	-276.3	-102.3	-269.8	0.00	0.00	0.00
8,300.0	4.89	200.31	8,287.4	-284.3	-105.2	-277.6	0.00	0.00	0.00
8,400.0	4.89	200.31	8,387.0	-292.3	-108.2	-285.4	0.00	0.00	0.00
8,500.0	4.89	200.31	8,486.6	-300.3	-111.1	-293.2	0.00	0.00	0.00
8,600.0	4.89	200.31	8,586.3	-308.3	-114.1	-301.0	0.00	0.00	0.00
8,700.0	4.89	200.31	8,685.9	-316.3	-117.1	-308.9	0.00	0.00	0.00
8,800.0	4.89	200.31	8,785.5	-324.3	-120.0	-316.7	0.00	0.00	0.00
8,900.0	4.89	200.31	8,885.2	-332.3	-123.0	-324.5	0.00	0.00	0.00
9,000.0	4.89	200.31	8,984.8	-340.3	-125.9	-332.3	0.00	0.00	0.00
9,100.0	4.89	200.31	9,084.4	-348.3	-128.9	-340.1	0.00	0.00	0.00
9,200.0	4.89	200.31	9,184.1	-356.2	-131.9	-347.9	0.00	0.00	0.00
9,300.0	4.89	200.31	9,283.7	-364.2	-134.8	-355.7	0.00	0.00	0.00
9,400.0	4.89	200.31	9,383.3	-372.2	-137.8	-363.5	0.00	0.00	0.00
9,500.0	4.89	200.31	9,483.0	-380.2	-140.7	-371.3	0.00	0.00	0.00
9,600.0	4.89	200.31	9,582.6	-388.2	-143.7	-379.1	0.00	0.00	0.00
9,700.0	4.89	200.31	9,682.3	-396.2	-146.7	-386.9	0.00	0.00	0.00
9,800.0	4.89	200.31	9,781.9	-404.2	-149.6	-394.7	0.00	0.00	0.00
9,900.0	4.89	200.31	9,881.5	-412.2	-152.6	-402.6	0.00	0.00	0.00
10,000.0	4.89	200.31	9,981.2	-420.2	-155.5	-410.4	0.00	0.00	0.00
10,100.0	4.89	200.31	10,080.8	-428.2	-158.5	-418.2	0.00	0.00	0.00
10,200.0	4.89	200.31	10,180.4	-436.2	-161.5	-426.0	0.00	0.00	0.00
10,300.0	4.89	200.31	10,280.1	-444.2	-164.4	-433.8	0.00	0.00	0.00
10,400.0	4.89	200.31	10,379.7	-452.2	-167.4	-441.6	0.00	0.00	0.00
10,500.0	4.89	200.31	10,479.3	-460.2	-170.3	-449.4	0.00	0.00	0.00
10,600.0	4.89	200.31	10,579.0	-468.2	-173.3	-457.2	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 #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	4.89	200.31	10,678.6	-476.2	-176.3	-465.0	0.00	0.00	0.00
10,800.0	4.89	200.31	10,778.2	-484.2	-179.2	-472.8	0.00	0.00	0.00
10,900.0	4.89	200.31	10,877.9	-492.2	-182.2	-480.6	0.00	0.00	0.00
11,000.0	4.89	200.31	10,977.5	-500.2	-185.1	-488.4	0.00	0.00	0.00
11,100.0	4.89	200.31	11,077.2	-508.2	-188.1	-496.3	0.00	0.00	0.00
11,200.0	4.89	200.31	11,176.8	-516.2	-191.1	-504.1	0.00	0.00	0.00
11,300.0	4.89	200.31	11,276.4	-524.2	-194.0	-511.9	0.00	0.00	0.00
11,400.0	4.89	200.31	11,376.1	-532.1	-197.0	-519.7	0.00	0.00	0.00
11,500.0	4.89	200.31	11,475.7	-540.1	-199.9	-527.5	0.00	0.00	0.00
11,600.0	4.89	200.31	11,575.3	-548.1	-202.9	-535.3	0.00	0.00	0.00
11,700.0	4.89	200.31	11,675.0	-556.1	-205.9	-543.1	0.00	0.00	0.00
11,721.7	4.89	200.31	11,696.6	-557.9	-206.5	-544.8	0.00	0.00	0.00
11,750.0	2.46	224.35	11,724.8	-559.4	-207.3	-546.3	10.00	-8.59	85.07
11,800.0	3.68	331.55	11,774.8	-558.8	-208.9	-545.6	10.00	2.45	214.40
11,850.0	8.43	347.80	11,824.5	-553.8	-210.4	-540.5	10.00	9.49	32.51
11,900.0	13.36	352.27	11,873.6	-544.5	-212.0	-531.1	10.00	9.86	8.93
11,950.0	18.33	354.35	11,921.7	-530.9	-213.5	-517.5	10.00	9.94	4.16
12,000.0	23.31	355.56	11,968.4	-513.2	-215.0	-499.7	10.00	9.96	2.43
12,050.0	28.30	356.37	12,013.4	-491.5	-216.6	-478.0	10.00	9.98	1.61
12,100.0	33.29	356.95	12,056.3	-466.0	-218.0	-452.4	10.00	9.98	1.16
12,150.0	38.29	357.39	12,096.9	-436.8	-219.5	-423.1	10.00	9.99	0.89
12,200.0	43.28	357.75	12,134.7	-404.1	-220.9	-390.5	10.00	9.99	0.71
12,250.0	48.28	358.04	12,169.6	-368.4	-222.2	-354.7	10.00	9.99	0.59
12,300.0	53.27	358.30	12,201.2	-329.7	-223.4	-316.0	10.00	9.99	0.51
12,350.0	58.27	358.52	12,229.3	-288.3	-224.6	-274.7	10.00	9.99	0.44
12,399.2	63.18	358.71	12,253.4	-245.5	-225.6	-231.8	10.00	9.99	0.40
FTP (Braswell 16 State 702H)									
12,400.0	63.27	358.72	12,253.7	-244.7	-225.6	-231.1	10.00	9.99	0.38
12,450.0	68.26	358.90	12,274.2	-199.2	-226.6	-185.5	10.00	9.99	0.36
12,500.0	73.26	359.07	12,290.7	-152.0	-227.4	-138.4	10.00	9.99	0.34
12,550.0	78.26	359.23	12,303.0	-103.5	-228.1	-90.0	10.00	10.00	0.32
12,600.0	83.25	359.38	12,311.0	-54.2	-228.7	-40.7	10.00	10.00	0.31
12,650.0	88.25	359.54	12,314.7	-4.4	-229.2	9.1	10.00	10.00	0.30
12,667.5	90.00	359.59	12,315.0	13.1	-229.3	26.5	10.00	10.00	0.30
12,700.0	90.00	359.59	12,315.0	45.6	-229.5	59.0	0.00	0.00	0.00
12,800.0	90.00	359.59	12,315.0	145.6	-230.3	158.9	0.00	0.00	0.00
12,900.0	90.00	359.59	12,315.0	245.6	-231.0	258.8	0.00	0.00	0.00
13,000.0	90.00	359.59	12,315.0	345.6	-231.7	358.6	0.00	0.00	0.00
13,100.0	90.00	359.59	12,315.0	445.6	-232.4	458.5	0.00	0.00	0.00
13,200.0	90.00	359.59	12,315.0	545.6	-233.1	558.4	0.00	0.00	0.00
13,300.0	90.00	359.59	12,315.0	645.6	-233.8	658.2	0.00	0.00	0.00
13,400.0	90.00	359.59	12,315.0	745.6	-234.5	758.1	0.00	0.00	0.00
13,500.0	90.00	359.59	12,315.0	845.6	-235.3	858.0	0.00	0.00	0.00
13,600.0	90.00	359.59	12,315.0	945.6	-236.0	957.8	0.00	0.00	0.00
13,700.0	90.00	359.59	12,315.0	1,045.6	-236.7	1,057.7	0.00	0.00	0.00
13,800.0	90.00	359.59	12,315.0	1,145.6	-237.4	1,157.6	0.00	0.00	0.00
13,900.0	90.00	359.59	12,315.0	1,245.6	-238.1	1,257.4	0.00	0.00	0.00
14,000.0	90.00	359.59	12,315.0	1,345.6	-238.8	1,357.3	0.00	0.00	0.00
14,100.0	90.00	359.59	12,315.0	1,445.6	-239.6	1,457.2	0.00	0.00	0.00
14,200.0	90.00	359.59	12,315.0	1,545.6	-240.3	1,557.0	0.00	0.00	0.00
14,300.0	90.00	359.59	12,315.0	1,645.6	-241.0	1,656.9	0.00	0.00	0.00
14,400.0	90.00	359.59	12,315.0	1,745.6	-241.7	1,756.8	0.00	0.00	0.00
14,500.0	90.00	359.59	12,315.0	1,845.6	-242.4	1,856.6	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 #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)
14,600.0	90.00	359.59	12,315.0	1,945.6	-243.1	1,956.5	0.00	0.00	0.00
14,700.0	90.00	359.59	12,315.0	2,045.6	-243.9	2,056.4	0.00	0.00	0.00
14,800.0	90.00	359.59	12,315.0	2,145.6	-244.6	2,156.2	0.00	0.00	0.00
14,900.0	90.00	359.59	12,315.0	2,245.6	-245.3	2,256.1	0.00	0.00	0.00
15,000.0	90.00	359.59	12,315.0	2,345.6	-246.0	2,356.0	0.00	0.00	0.00
15,100.0	90.00	359.59	12,315.0	2,445.6	-246.7	2,455.8	0.00	0.00	0.00
15,200.0	90.00	359.59	12,315.0	2,545.6	-247.4	2,555.7	0.00	0.00	0.00
15,300.0	90.00	359.59	12,315.0	2,645.6	-248.1	2,655.6	0.00	0.00	0.00
15,400.0	90.00	359.59	12,315.0	2,745.6	-248.9	2,755.4	0.00	0.00	0.00
15,500.0	90.00	359.59	12,315.0	2,845.6	-249.6	2,855.3	0.00	0.00	0.00
15,600.0	90.00	359.59	12,315.0	2,945.6	-250.3	2,955.2	0.00	0.00	0.00
15,700.0	90.00	359.59	12,315.0	3,045.6	-251.0	3,055.0	0.00	0.00	0.00
15,800.0	90.00	359.59	12,315.0	3,145.6	-251.7	3,154.9	0.00	0.00	0.00
15,900.0	90.00	359.59	12,315.0	3,245.5	-252.4	3,254.8	0.00	0.00	0.00
16,000.0	90.00	359.59	12,315.0	3,345.5	-253.2	3,354.6	0.00	0.00	0.00
16,100.0	90.00	359.59	12,315.0	3,445.5	-253.9	3,454.5	0.00	0.00	0.00
16,200.0	90.00	359.59	12,315.0	3,545.5	-254.6	3,554.4	0.00	0.00	0.00
16,300.0	90.00	359.59	12,315.0	3,645.5	-255.3	3,654.2	0.00	0.00	0.00
16,400.0	90.00	359.59	12,315.0	3,745.5	-256.0	3,754.1	0.00	0.00	0.00
16,500.0	90.00	359.59	12,315.0	3,845.5	-256.7	3,854.0	0.00	0.00	0.00
16,600.0	90.00	359.59	12,315.0	3,945.5	-257.4	3,953.8	0.00	0.00	0.00
16,700.0	90.00	359.59	12,315.0	4,045.5	-258.2	4,053.7	0.00	0.00	0.00
16,800.0	90.00	359.59	12,315.0	4,145.5	-258.9	4,153.6	0.00	0.00	0.00
16,900.0	90.00	359.59	12,315.0	4,245.5	-259.6	4,253.4	0.00	0.00	0.00
17,000.0	90.00	359.59	12,315.0	4,345.5	-260.3	4,353.3	0.00	0.00	0.00
17,096.5	90.00	359.59	12,315.0	4,442.0	-261.0	4,449.7	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	-280.0	-227.0	378,023.00	736,090.00	32° 2' 13.239 N	103° 34' 17.196 W
- plan misses target center by 70.7usft at 12399.2usft MD (12253.4 TVD, -245.5 N, -225.6 E)									
- Point									
PBHL (Braswell 16 State	0.00	0.00	12,315.0	4,442.0	-261.0	382,745.00	736,056.00	32° 2' 59.969 N	103° 34' 17.204 W
- plan hits target center									
- Point									