

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

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.)		WELL API NO. 30-025-43081 ✓
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ OCD - HOBBS		5. Indicate Type of Lease STATE ☒ FEE ☐ ✓
2. Name of Operator EOG Resources, Inc. ✓		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Braswell 16 State Com ✓
4. Well Location Unit Letter <u>P</u> : <u>609</u> feet from the <u>South</u> line and <u>731</u> feet from the <u>East</u> line Section <u>16</u> Township <u>26S</u> Range <u>33E</u> NMPM County <u>Lea</u> ✓		8. Well Number <u>701H</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3285' GR		9. OGRID Number 7377 ✓
		10. Pool name or Wildcat *WC-025 G-09 S263327G; Upper Wolfcamp ✓

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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 changes in BHL, casing design, and well name.

Change BHL from 230' FNL & 330' FEL, 16-26S-33E TO: 2411' FSL & 330' FEL, 9-26S-33E

Change well name from Braswell 16 State 701H TO: Braswell 16 State Com 701H

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 6/27/2016

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 06/28/2016
Conditions of Approval (if any): _____

KZ

Revised Permit Information 6/20/16:

Well Name: Braswell 16 State Com No. 701H

Location:

SL: 609' FSL & 731' FEL, Section 16, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2411' FSL & 330' FEL, Section 9, 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"	0-8,000'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	8,000'-10,800'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-19,782'	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
10,800'	550	14.4	1.20	50:50 PozLClass H + 0.25% CPT-20A + 0.40% CPT-49 + 0.20% CPT-35 + 0.80% CPT-16A + 0.25% CPT-503P
	1400	14.8	1.42	Class C + 5% Gypsum + 3% CaCl ₂ + 0.1 gps Plexfoam 7
19,782'	990	14.4	1.34	65:35 Class H + 0.2% C-20 + 0.75% C-41P + 0.05% CSA-1000 + 5% MagOx + 0.35% C-47B (TOC @ 10,300')

Mud Program:

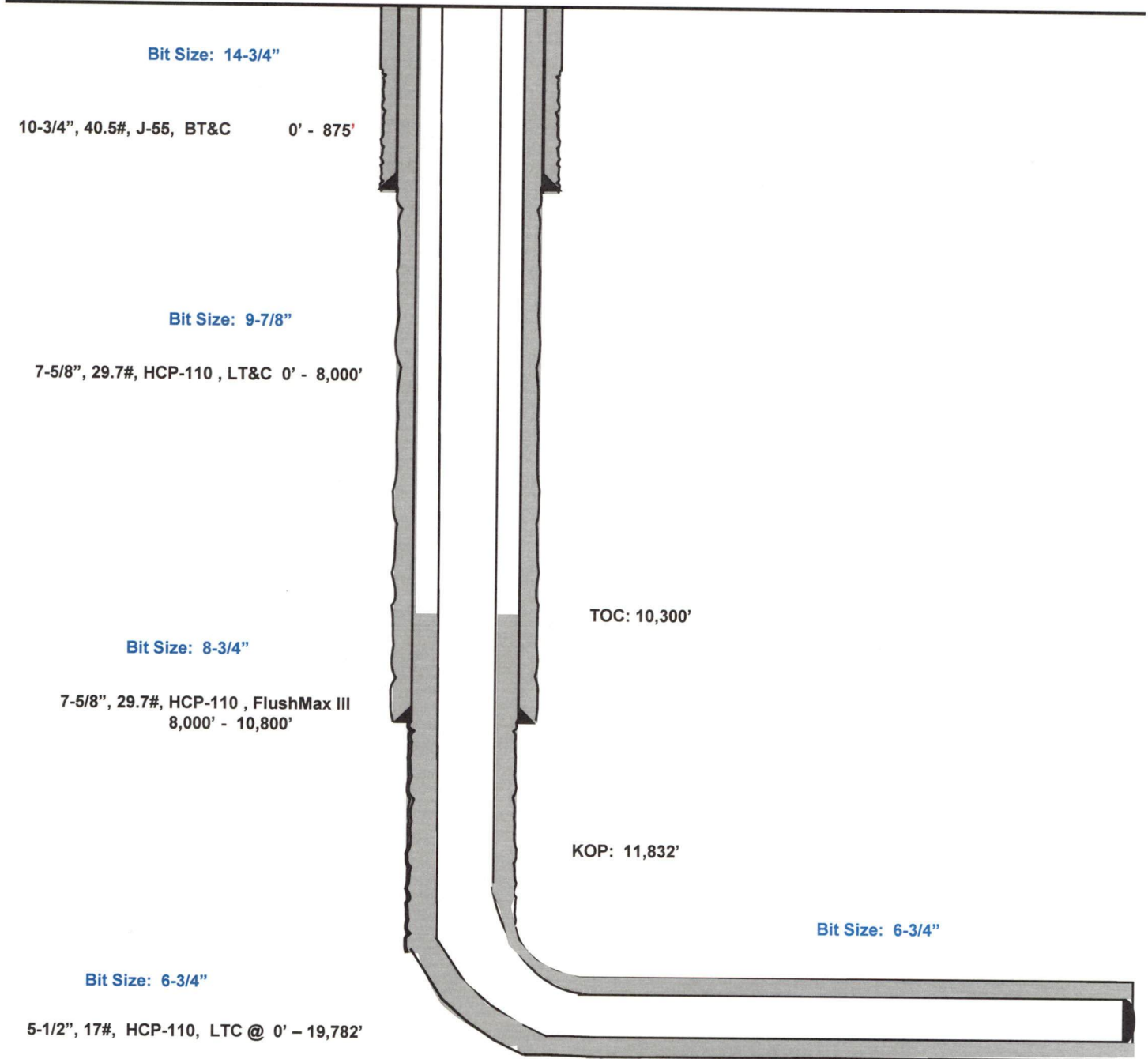
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 875'	Fresh - Gel	8.6-8.8	28-34	N/c
875' - 10,800'	Brine	8.7-9.4	58-68	N/c - 6
10,800' - 11,832'	Oil Base	8.7-9.4	58-68	N/c - 6
11,832' - 19,782' Lateral	Oil Base	9.0-11.5	58-68	N/c - 6

Braswell 16 State Com #701H

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

Lea County, New Mexico
Proposed Wellbore
Revised 6/20/16
API: 30-025-43081

KB: 3,310'
GL: 3,285'



Lateral: 19,782' MD, 12,315' TVD

BH Location: 2411' FSL & 330' FEL
Section 9
T-26-S, R-33-E

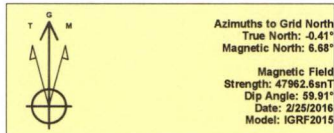


Lea County, NM (NAD 27 NME)

Braswell 16 State #701H

H&P 651

Plan .02



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°

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: #701H

Ground Level: 3285.0
KB = 25' @ 3310.0usft (H&P 651)
Northing: 378363.00 Easting: 736347.00 Latitude: 32° 2' 15.991 N Longitude: 103° 34' 14.187 W

SECTION DETAILS

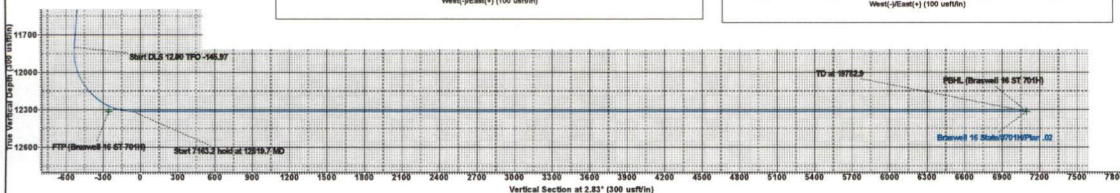
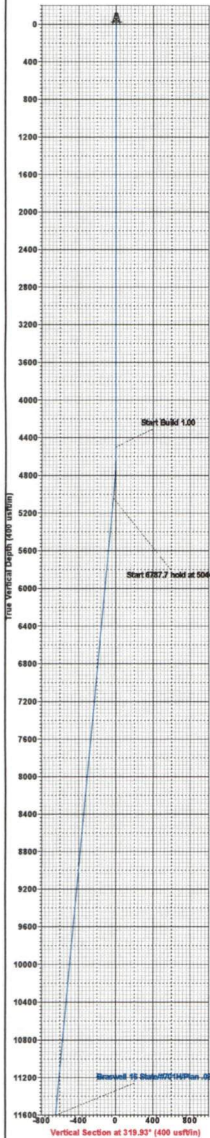
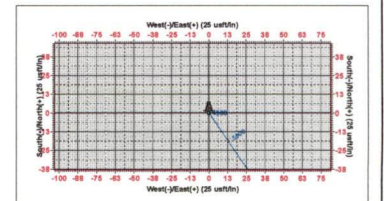
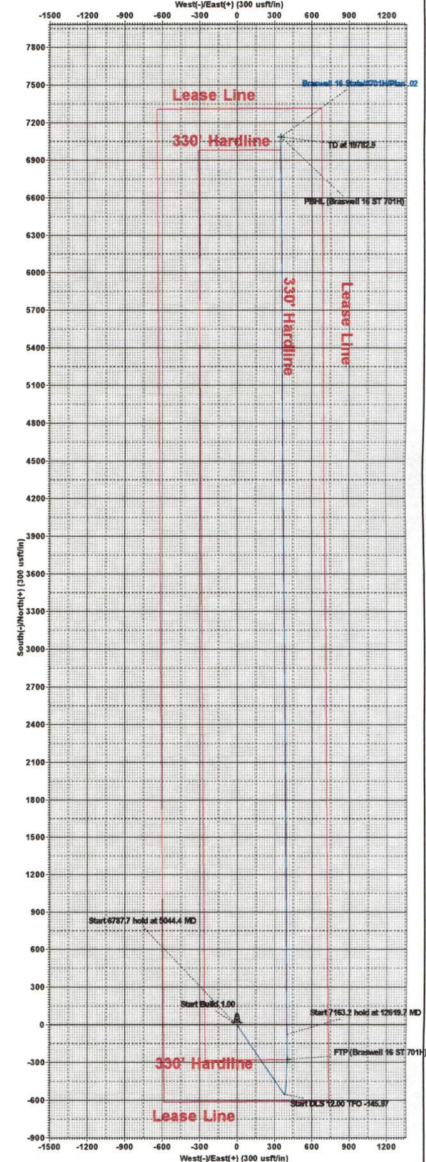
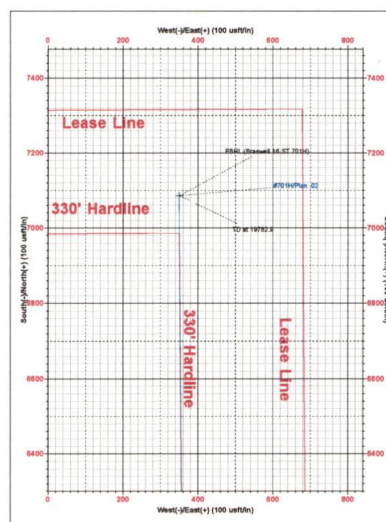
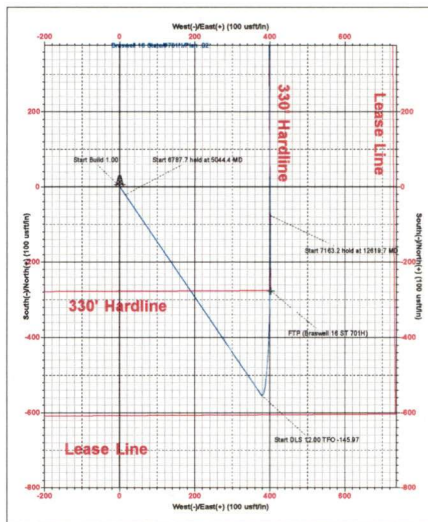
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	5044.4	5.44	145.68	5043.5	-21.3	14.6	1.00	145.68	-20.6	
4	11832.1	5.44	145.68	11800.7	-553.2	377.6	0.00	0.00	-533.9	
5	12619.7	90.00	359.59	12315.0	-77.0	401.6	12.00	-145.97	-57.1	
6	19782.9	90.00	359.59	12315.0	7086.0	350.0	0.00	0.00	7094.6	PBHL (Braswell 16 ST 701H)

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 701H)	12315.0	7086.0	350.0	386389.00	736697.00
FTP (Braswell 16 ST 701H)	12315.0	-277.0	403.0	378026.00	736750.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Braswell 16 State

#701H

OH

Plan: Plan .02

Standard Planning Report

21 June, 2016



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Site:	Braswell 16 State	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan .02		

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

Well	#701H		
Well Position	+N/-S	0.0 usft	Northing: 378,303.00 usft
	+E/-W	0.0 usft	Easting: 736,347.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 2' 15.991 N
		Longitude:	103° 34' 14.187 W
		Ground Level:	3,285.0 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 .02			
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	2.83

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	
5,044.4	5.44	145.68	5,043.5	-21.3	14.6	1.00	1.00	0.00	145.68	
11,832.1	5.44	145.68	11,800.7	-553.2	377.6	0.00	0.00	0.00	0.00	
12,619.7	90.00	359.59	12,315.0	-77.0	401.6	12.00	10.74	-18.55	-145.97	
19,782.9	90.00	359.59	12,315.0	7,086.0	350.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 S1)



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Site:	Braswell 16 State	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan .02		

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	145.68	4,600.0	-0.7	0.5	-0.7	1.00	1.00	0.00
4,700.0	2.00	145.68	4,700.0	-2.9	2.0	-2.8	1.00	1.00	0.00
4,800.0	3.00	145.68	4,799.9	-6.5	4.4	-6.3	1.00	1.00	0.00
4,900.0	4.00	145.68	4,899.7	-11.5	7.9	-11.1	1.00	1.00	0.00
5,000.0	5.00	145.68	4,999.4	-18.0	12.3	-17.4	1.00	1.00	0.00
5,044.4	5.44	145.68	5,043.5	-21.3	14.6	-20.6	1.00	1.00	0.00
5,100.0	5.44	145.68	5,098.9	-25.7	17.5	-24.8	0.00	0.00	0.00
5,200.0	5.44	145.68	5,198.5	-33.5	22.9	-32.4	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Site:	Braswell 16 State	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan .02		

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	5.44	145.68	5,298.0	-41.4	28.2	-39.9	0.00	0.00	0.00	
5,400.0	5.44	145.68	5,397.6	-49.2	33.6	-47.5	0.00	0.00	0.00	
5,500.0	5.44	145.68	5,497.1	-57.0	38.9	-55.0	0.00	0.00	0.00	
5,600.0	5.44	145.68	5,596.7	-64.9	44.3	-62.6	0.00	0.00	0.00	
5,700.0	5.44	145.68	5,696.2	-72.7	49.6	-70.2	0.00	0.00	0.00	
5,800.0	5.44	145.68	5,795.8	-80.5	55.0	-77.7	0.00	0.00	0.00	
5,900.0	5.44	145.68	5,895.3	-88.4	60.3	-85.3	0.00	0.00	0.00	
6,000.0	5.44	145.68	5,994.9	-96.2	65.7	-92.9	0.00	0.00	0.00	
6,100.0	5.44	145.68	6,094.4	-104.0	71.0	-100.4	0.00	0.00	0.00	
6,200.0	5.44	145.68	6,194.0	-111.9	76.4	-108.0	0.00	0.00	0.00	
6,300.0	5.44	145.68	6,293.5	-119.7	81.7	-115.5	0.00	0.00	0.00	
6,400.0	5.44	145.68	6,393.1	-127.6	87.1	-123.1	0.00	0.00	0.00	
6,500.0	5.44	145.68	6,492.6	-135.4	92.4	-130.7	0.00	0.00	0.00	
6,600.0	5.44	145.68	6,592.2	-143.2	97.8	-138.2	0.00	0.00	0.00	
6,700.0	5.44	145.68	6,691.7	-151.1	103.1	-145.8	0.00	0.00	0.00	
6,800.0	5.44	145.68	6,791.3	-158.9	108.5	-153.3	0.00	0.00	0.00	
6,900.0	5.44	145.68	6,890.8	-166.7	113.8	-160.9	0.00	0.00	0.00	
7,000.0	5.44	145.68	6,990.4	-174.6	119.2	-168.5	0.00	0.00	0.00	
7,100.0	5.44	145.68	7,089.9	-182.4	124.5	-176.0	0.00	0.00	0.00	
7,200.0	5.44	145.68	7,189.5	-190.2	129.9	-183.6	0.00	0.00	0.00	
7,300.0	5.44	145.68	7,289.0	-198.1	135.2	-191.2	0.00	0.00	0.00	
7,400.0	5.44	145.68	7,388.6	-205.9	140.6	-198.7	0.00	0.00	0.00	
7,500.0	5.44	145.68	7,488.1	-213.7	145.9	-206.3	0.00	0.00	0.00	
7,600.0	5.44	145.68	7,587.7	-221.6	151.3	-213.8	0.00	0.00	0.00	
7,700.0	5.44	145.68	7,687.2	-229.4	156.6	-221.4	0.00	0.00	0.00	
7,800.0	5.44	145.68	7,786.8	-237.2	162.0	-229.0	0.00	0.00	0.00	
7,900.0	5.44	145.68	7,886.3	-245.1	167.3	-236.5	0.00	0.00	0.00	
8,000.0	5.44	145.68	7,985.9	-252.9	172.7	-244.1	0.00	0.00	0.00	
8,100.0	5.44	145.68	8,085.4	-260.7	178.0	-251.6	0.00	0.00	0.00	
8,200.0	5.44	145.68	8,184.9	-268.6	183.4	-259.2	0.00	0.00	0.00	
8,300.0	5.44	145.68	8,284.5	-276.4	188.7	-266.8	0.00	0.00	0.00	
8,400.0	5.44	145.68	8,384.0	-284.3	194.1	-274.3	0.00	0.00	0.00	
8,500.0	5.44	145.68	8,483.6	-292.1	199.4	-281.9	0.00	0.00	0.00	
8,600.0	5.44	145.68	8,583.1	-299.9	204.8	-289.5	0.00	0.00	0.00	
8,700.0	5.44	145.68	8,682.7	-307.8	210.1	-297.0	0.00	0.00	0.00	
8,800.0	5.44	145.68	8,782.2	-315.6	215.5	-304.6	0.00	0.00	0.00	
8,900.0	5.44	145.68	8,881.8	-323.4	220.8	-312.1	0.00	0.00	0.00	
9,000.0	5.44	145.68	8,981.3	-331.3	226.2	-319.7	0.00	0.00	0.00	
9,100.0	5.44	145.68	9,080.9	-339.1	231.5	-327.3	0.00	0.00	0.00	
9,200.0	5.44	145.68	9,180.4	-346.9	236.9	-334.8	0.00	0.00	0.00	
9,300.0	5.44	145.68	9,280.0	-354.8	242.2	-342.4	0.00	0.00	0.00	
9,400.0	5.44	145.68	9,379.5	-362.6	247.6	-349.9	0.00	0.00	0.00	
9,500.0	5.44	145.68	9,479.1	-370.4	252.9	-357.5	0.00	0.00	0.00	
9,600.0	5.44	145.68	9,578.6	-378.3	258.2	-365.1	0.00	0.00	0.00	
9,700.0	5.44	145.68	9,678.2	-386.1	263.6	-372.6	0.00	0.00	0.00	
9,800.0	5.44	145.68	9,777.7	-393.9	268.9	-380.2	0.00	0.00	0.00	
9,900.0	5.44	145.68	9,877.3	-401.8	274.3	-387.8	0.00	0.00	0.00	
10,000.0	5.44	145.68	9,976.8	-409.6	279.6	-395.3	0.00	0.00	0.00	
10,100.0	5.44	145.68	10,076.4	-417.4	285.0	-402.9	0.00	0.00	0.00	
10,200.0	5.44	145.68	10,175.9	-425.3	290.3	-410.4	0.00	0.00	0.00	
10,300.0	5.44	145.68	10,275.5	-433.1	295.7	-418.0	0.00	0.00	0.00	
10,400.0	5.44	145.68	10,375.0	-441.0	301.0	-425.6	0.00	0.00	0.00	
10,500.0	5.44	145.68	10,474.6	-448.8	306.4	-433.1	0.00	0.00	0.00	
10,600.0	5.44	145.68	10,574.1	-456.6	311.7	-440.7	0.00	0.00	0.00	



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Site:	Braswell 16 State	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan .02		

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	5.44	145.68	10,673.7	-464.5	317.1	-448.2	0.00	0.00	0.00	
10,800.0	5.44	145.68	10,773.2	-472.3	322.4	-455.8	0.00	0.00	0.00	
10,900.0	5.44	145.68	10,872.8	-480.1	327.8	-463.4	0.00	0.00	0.00	
11,000.0	5.44	145.68	10,972.3	-488.0	333.1	-470.9	0.00	0.00	0.00	
11,100.0	5.44	145.68	11,071.9	-495.8	338.5	-478.5	0.00	0.00	0.00	
11,200.0	5.44	145.68	11,171.4	-503.6	343.8	-486.1	0.00	0.00	0.00	
11,300.0	5.44	145.68	11,271.0	-511.5	349.2	-493.6	0.00	0.00	0.00	
11,400.0	5.44	145.68	11,370.5	-519.3	354.5	-501.2	0.00	0.00	0.00	
11,500.0	5.44	145.68	11,470.1	-527.1	359.9	-508.7	0.00	0.00	0.00	
11,600.0	5.44	145.68	11,569.6	-535.0	365.2	-516.3	0.00	0.00	0.00	
11,700.0	5.44	145.68	11,669.2	-542.8	370.6	-523.9	0.00	0.00	0.00	
11,800.0	5.44	145.68	11,768.7	-550.6	375.9	-531.4	0.00	0.00	0.00	
11,832.1	5.44	145.68	11,800.7	-553.2	377.6	-533.9	0.00	0.00	0.00	
11,850.0	3.86	127.50	11,818.5	-554.2	378.6	-534.9	12.00	-8.87	-101.55	
11,875.0	3.11	77.85	11,843.5	-554.6	379.9	-535.2	12.00	-2.99	-198.62	
11,900.0	4.74	39.49	11,868.4	-553.7	381.2	-534.2	12.00	6.52	-153.41	
11,925.0	7.29	24.13	11,893.3	-551.4	382.6	-531.9	12.00	10.23	-61.46	
11,950.0	10.10	16.96	11,918.0	-547.9	383.8	-528.3	12.00	11.21	-28.68	
11,975.0	12.99	12.91	11,942.5	-543.0	385.1	-523.4	12.00	11.56	-16.17	
12,000.0	15.92	10.33	11,966.7	-536.9	386.4	-517.2	12.00	11.72	-10.33	
12,025.0	18.87	8.54	11,990.5	-529.5	387.6	-509.8	12.00	11.81	-7.18	
12,050.0	21.83	7.21	12,014.0	-520.9	388.8	-501.1	12.00	11.86	-5.29	
12,075.0	24.81	6.19	12,036.9	-511.1	389.9	-491.2	12.00	11.89	-4.08	
12,100.0	27.79	5.38	12,059.3	-500.1	391.0	-480.2	12.00	11.91	-3.26	
12,125.0	30.77	4.71	12,081.1	-487.9	392.1	-468.0	12.00	11.93	-2.67	
12,150.0	33.75	4.15	12,102.3	-474.6	393.1	-454.6	12.00	11.94	-2.24	
12,175.0	36.74	3.67	12,122.7	-460.2	394.1	-440.2	12.00	11.95	-1.92	
12,200.0	39.73	3.26	12,142.3	-444.8	395.0	-424.7	12.00	11.96	-1.67	
12,225.0	42.72	2.89	12,161.1	-428.3	395.9	-408.3	12.00	11.96	-1.47	
12,250.0	45.71	2.56	12,179.0	-410.9	396.7	-390.8	12.00	11.97	-1.31	
12,275.0	48.70	2.26	12,196.0	-392.6	397.5	-372.5	12.00	11.97	-1.18	
12,300.0	51.70	1.99	12,212.0	-373.4	398.2	-353.3	12.00	11.97	-1.08	
12,325.0	54.69	1.75	12,227.0	-353.4	398.9	-333.3	12.00	11.97	-0.99	
12,350.0	57.68	1.51	12,240.9	-332.6	399.5	-312.5	12.00	11.98	-0.92	
12,375.0	60.68	1.30	12,253.7	-311.2	400.0	-291.1	12.00	11.98	-0.86	
12,400.0	63.67	1.10	12,265.4	-289.1	400.4	-269.0	12.00	11.98	-0.81	
12,425.0	66.67	0.90	12,275.9	-266.4	400.8	-246.3	12.00	11.98	-0.77	
12,429.7	67.23	0.87	12,277.7	-262.0	400.9	-241.9	12.00	11.98	-0.75	
FTP (Braswell 16 ST 701H)										
12,450.0	69.66	0.72	12,285.2	-243.2	401.2	-223.1	12.00	11.98	-0.74	
12,475.0	72.66	0.54	12,293.3	-219.5	401.4	-199.4	12.00	11.98	-0.71	
12,500.0	75.65	0.37	12,300.1	-195.5	401.6	-175.4	12.00	11.98	-0.69	
12,525.0	78.65	0.20	12,305.6	-171.1	401.7	-151.1	12.00	11.98	-0.67	
12,550.0	81.64	0.04	12,309.9	-146.5	401.8	-126.5	12.00	11.98	-0.66	
12,575.0	84.64	359.87	12,312.9	-121.7	401.8	-101.7	12.00	11.98	-0.65	
12,600.0	87.64	359.71	12,314.6	-96.7	401.7	-76.8	12.00	11.98	-0.64	
12,619.7	90.00	359.59	12,315.0	-77.0	401.6	-57.1	12.00	11.98	-0.64	
12,700.0	90.00	359.59	12,315.0	3.3	401.0	23.1	0.00	0.00	0.00	
12,800.0	90.00	359.59	12,315.0	103.3	400.3	122.9	0.00	0.00	0.00	
12,900.0	90.00	359.59	12,315.0	203.3	399.5	222.7	0.00	0.00	0.00	
13,000.0	90.00	359.59	12,315.0	303.3	398.8	322.6	0.00	0.00	0.00	
13,100.0	90.00	359.59	12,315.0	403.3	398.1	422.4	0.00	0.00	0.00	
13,200.0	90.00	359.59	12,315.0	503.3	397.4	522.3	0.00	0.00	0.00	



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3310.0usft (H&P 651)
Site:	Braswell 16 State	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan .02		

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)
13,300.0	90.00	359.59	12,315.0	603.3	396.7	622.1	0.00	0.00	0.00
13,400.0	90.00	359.59	12,315.0	703.3	395.9	721.9	0.00	0.00	0.00
13,500.0	90.00	359.59	12,315.0	803.3	395.2	821.8	0.00	0.00	0.00
13,600.0	90.00	359.59	12,315.0	903.3	394.5	921.6	0.00	0.00	0.00
13,700.0	90.00	359.59	12,315.0	1,003.3	393.8	1,021.5	0.00	0.00	0.00
13,800.0	90.00	359.59	12,315.0	1,103.2	393.1	1,121.3	0.00	0.00	0.00
13,900.0	90.00	359.59	12,315.0	1,203.2	392.3	1,221.1	0.00	0.00	0.00
14,000.0	90.00	359.59	12,315.0	1,303.2	391.6	1,321.0	0.00	0.00	0.00
14,100.0	90.00	359.59	12,315.0	1,403.2	390.9	1,420.8	0.00	0.00	0.00
14,200.0	90.00	359.59	12,315.0	1,503.2	390.2	1,520.7	0.00	0.00	0.00
14,300.0	90.00	359.59	12,315.0	1,603.2	389.5	1,620.5	0.00	0.00	0.00
14,400.0	90.00	359.59	12,315.0	1,703.2	388.7	1,720.3	0.00	0.00	0.00
14,500.0	90.00	359.59	12,315.0	1,803.2	388.0	1,820.2	0.00	0.00	0.00
14,600.0	90.00	359.59	12,315.0	1,903.2	387.3	1,920.0	0.00	0.00	0.00
14,700.0	90.00	359.59	12,315.0	2,003.2	386.6	2,019.9	0.00	0.00	0.00
14,800.0	90.00	359.59	12,315.0	2,103.2	385.9	2,119.7	0.00	0.00	0.00
14,900.0	90.00	359.59	12,315.0	2,203.2	385.1	2,219.5	0.00	0.00	0.00
15,000.0	90.00	359.59	12,315.0	2,303.2	384.4	2,319.4	0.00	0.00	0.00
15,100.0	90.00	359.59	12,315.0	2,403.2	383.7	2,419.2	0.00	0.00	0.00
15,200.0	90.00	359.59	12,315.0	2,503.2	383.0	2,519.1	0.00	0.00	0.00
15,300.0	90.00	359.59	12,315.0	2,603.2	382.3	2,618.9	0.00	0.00	0.00
15,400.0	90.00	359.59	12,315.0	2,703.2	381.5	2,718.7	0.00	0.00	0.00
15,500.0	90.00	359.59	12,315.0	2,803.2	380.8	2,818.6	0.00	0.00	0.00
15,600.0	90.00	359.59	12,315.0	2,903.2	380.1	2,918.4	0.00	0.00	0.00
15,700.0	90.00	359.59	12,315.0	3,003.2	379.4	3,018.3	0.00	0.00	0.00
15,800.0	90.00	359.59	12,315.0	3,103.2	378.7	3,118.1	0.00	0.00	0.00
15,900.0	90.00	359.59	12,315.0	3,203.2	377.9	3,217.9	0.00	0.00	0.00
16,000.0	90.00	359.59	12,315.0	3,303.2	377.2	3,317.8	0.00	0.00	0.00
16,100.0	90.00	359.59	12,315.0	3,403.2	376.5	3,417.6	0.00	0.00	0.00
16,200.0	90.00	359.59	12,315.0	3,503.2	375.8	3,517.5	0.00	0.00	0.00
16,300.0	90.00	359.59	12,315.0	3,603.2	375.1	3,617.3	0.00	0.00	0.00
16,400.0	90.00	359.59	12,315.0	3,703.2	374.4	3,717.1	0.00	0.00	0.00
16,500.0	90.00	359.59	12,315.0	3,803.2	373.6	3,817.0	0.00	0.00	0.00
16,600.0	90.00	359.59	12,315.0	3,903.2	372.9	3,916.8	0.00	0.00	0.00
16,700.0	90.00	359.59	12,315.0	4,003.2	372.2	4,016.7	0.00	0.00	0.00
16,800.0	90.00	359.59	12,315.0	4,103.2	371.5	4,116.5	0.00	0.00	0.00
16,900.0	90.00	359.59	12,315.0	4,203.2	370.8	4,216.3	0.00	0.00	0.00
17,000.0	90.00	359.59	12,315.0	4,303.2	370.0	4,316.2	0.00	0.00	0.00
17,100.0	90.00	359.59	12,315.0	4,403.2	369.3	4,416.0	0.00	0.00	0.00
17,200.0	90.00	359.59	12,315.0	4,503.2	368.6	4,515.9	0.00	0.00	0.00
17,300.0	90.00	359.59	12,315.0	4,603.2	367.9	4,615.7	0.00	0.00	0.00
17,400.0	90.00	359.59	12,315.0	4,703.2	367.2	4,715.5	0.00	0.00	0.00
17,500.0	90.00	359.59	12,315.0	4,803.2	366.4	4,815.4	0.00	0.00	0.00
17,600.0	90.00	359.59	12,315.0	4,903.2	365.7	4,915.2	0.00	0.00	0.00
17,700.0	90.00	359.59	12,315.0	5,003.1	365.0	5,015.1	0.00	0.00	0.00
17,800.0	90.00	359.59	12,315.0	5,103.1	364.3	5,114.9	0.00	0.00	0.00
17,900.0	90.00	359.59	12,315.0	5,203.1	363.6	5,214.7	0.00	0.00	0.00
18,000.0	90.00	359.59	12,315.0	5,303.1	362.8	5,314.6	0.00	0.00	0.00
18,100.0	90.00	359.59	12,315.0	5,403.1	362.1	5,414.4	0.00	0.00	0.00
18,200.0	90.00	359.59	12,315.0	5,503.1	361.4	5,514.3	0.00	0.00	0.00
18,300.0	90.00	359.59	12,315.0	5,603.1	360.7	5,614.1	0.00	0.00	0.00
18,400.0	90.00	359.59	12,315.0	5,703.1	360.0	5,713.9	0.00	0.00	0.00
18,500.0	90.00	359.59	12,315.0	5,803.1	359.2	5,813.8	0.00	0.00	0.00
18,600.0	90.00	359.59	12,315.0	5,903.1	358.5	5,913.6	0.00	0.00	0.00



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Planning Report

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Project: Lea County, NM (NAD 27 NME)
Site: Braswell 16 State
Well: #701H
Wellbore: OH
Design: Plan .02

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

Well #701H
KB = 25' @ 3310.0usft (H&P 651)
KB = 25' @ 3310.0usft (H&P 651)
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)
18,700.0	90.00	359.59	12,315.0	6,003.1	357.8	6,013.5	0.00	0.00	0.00
18,800.0	90.00	359.59	12,315.0	6,103.1	357.1	6,113.3	0.00	0.00	0.00
18,900.0	90.00	359.59	12,315.0	6,203.1	356.4	6,213.1	0.00	0.00	0.00
19,000.0	90.00	359.59	12,315.0	6,303.1	355.6	6,313.0	0.00	0.00	0.00
19,100.0	90.00	359.59	12,315.0	6,403.1	354.9	6,412.8	0.00	0.00	0.00
19,200.0	90.00	359.59	12,315.0	6,503.1	354.2	6,512.7	0.00	0.00	0.00
19,300.0	90.00	359.59	12,315.0	6,603.1	353.5	6,612.5	0.00	0.00	0.00
19,400.0	90.00	359.59	12,315.0	6,703.1	352.8	6,712.3	0.00	0.00	0.00
19,500.0	90.00	359.59	12,315.0	6,803.1	352.0	6,812.2	0.00	0.00	0.00
19,600.0	90.00	359.59	12,315.0	6,903.1	351.3	6,912.0	0.00	0.00	0.00
19,700.0	90.00	359.59	12,315.0	7,003.1	350.6	7,011.9	0.00	0.00	0.00
19,782.9	90.00	359.59	12,315.0	7,086.0	350.0	7,094.6	0.00	0.00	0.00
PBHL (Braswell 16 ST 701H)									

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 70: - plan misses target center by 40.2usft at 12429.7usft MD (12277.7 TVD, -262.0 N, 400.9 E) - Point	0.00	0.01	12,315.0	-277.0	403.0	378,026.00	736,750.00	32° 2' 13.222 N	103° 34' 9.529 W
PBHL (Braswell 16 ST 7 - plan hits target center - Point	0.00	0.00	12,315.0	7,086.0	350.0	385,389.00	736,697.00	32° 3' 26.089 N	103° 34' 9.539 W