

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

HOBBS OGD

MAY 3 0 2017

RECEIVED

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

WELL API NO. 30-025-43652
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Braswell 16 State
8. Well Number 705H
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 ☐

2. Name of Operator
EOG Resources, Inc.

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

4. Well Location
Unit Letter C : 269 feet from the North line and 2300 feet from the West line
Section 16 Township 26S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3279' GR

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 a change in BHL and TVD.

Change BHL to 230' FSL & 1980' FWL, 16-26S-33E, Lea County
Change TVD to 12185'.

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 5/23/17

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 05/31/17
Conditions of Approval (if any):

Revised Permit Information 5/19/17:

Well Name: Braswell 16 State No. 705H

Location:

SL: 269' FNL & 2300' FWL, Section 16, T-26-S, R-33-E, Lea Co., N.M.

BHL: 230' FSL & 1980' FWL, 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 – 860'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
8.75"	0' – 11,100'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-16,995'	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
860'	400	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)
	300	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
11,100'	250	14.8	1.38	Class C + 5% Gypsum + 3% CaCl ₂ (TOC @ Surface)
	2000	14.8	1.38	Class C + 5% Gypsum + 3% CaCl ₂
	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
16,995'	750	14.2	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,600')

Mud Program:

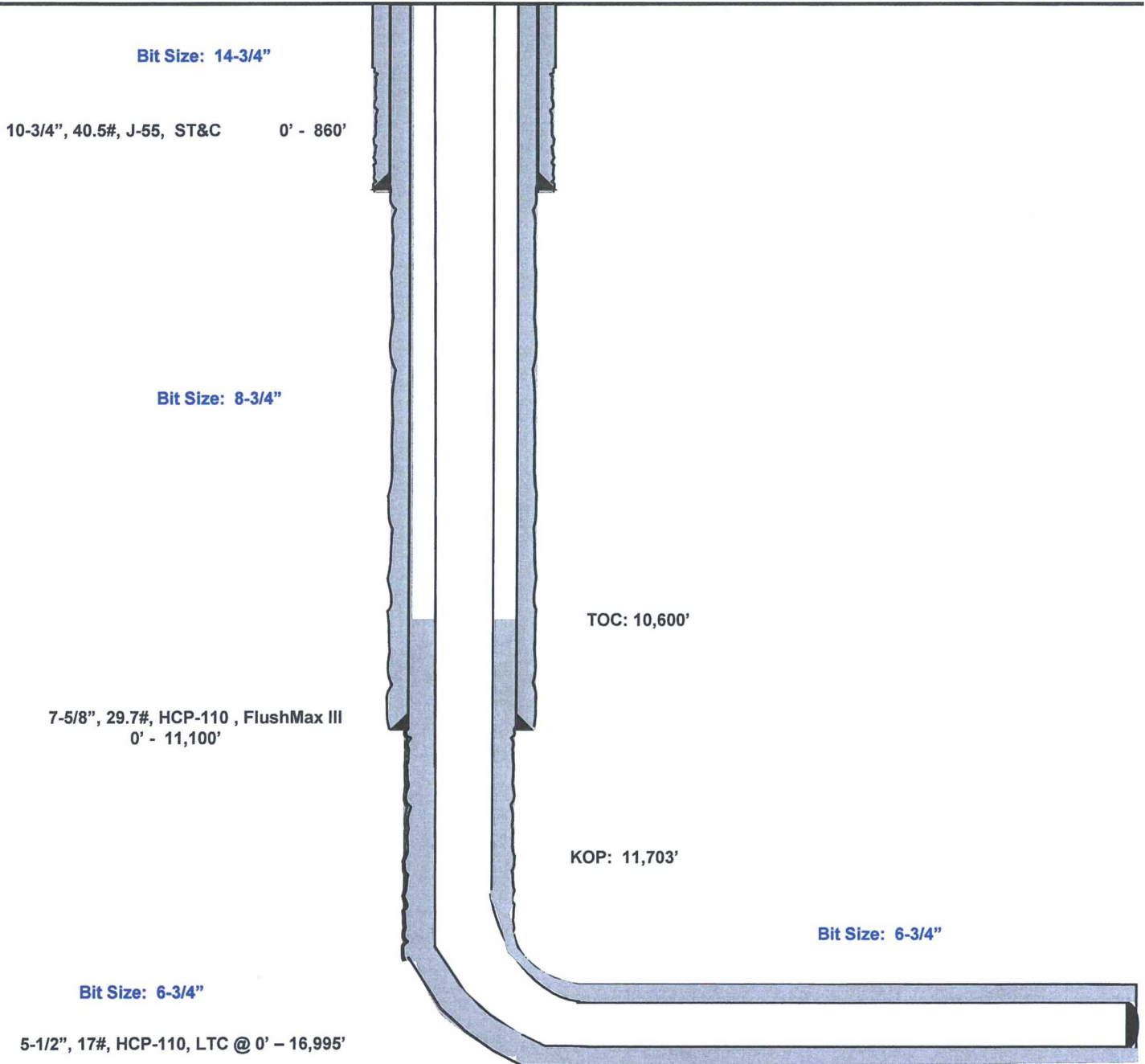
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 860'	Fresh - Gel	8.6-8.8	28-34	N/c
860' – 11,100'	Brine	8.8-10.0	28-34	N/c
11,100' – 11,703'	Oil Base	10.0-11.5	58-68	3 - 6
11,703' – 16,995' Lateral	Oil Base	10.0-11.5	58-68	3 - 6

Braswell 16 State #705H

269' FNL
2300' FWL
Section 16
T-26-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 5/19/17
API: 30-025-43652

KB: 3,304'
GL: 3,279'



Lateral: 16,995' MD, 12,185' TVD

BH Location: 230' FSL & 1980' FWL
Section 16
T-26-S, R-33-E



Lea County, NM (NAD 83 NME)

Braswell 16 State #705H

Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #705H

Ground Level: 3279.00
KB = 25' @ 3394.00usft
Northing: 382755.00
Easting: 775251.00
Latitude: 32.05002513
Longitude: -103.57834402

Azimuths to Grid North
True North: -0.40°
Magnetic North: 6.55°

Magnetic Field
Strength: 47843.1nT
Dip Angle: 59.90°
Date: 5/19/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.55°
To convert a Magnetic Direction to a True Direction, Add 6.95° East
To convert a True Direction to a Grid Direction, Subtract 6.40°

SECTION DETAILS

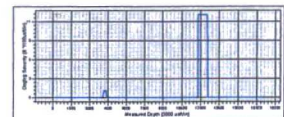
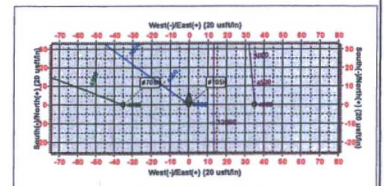
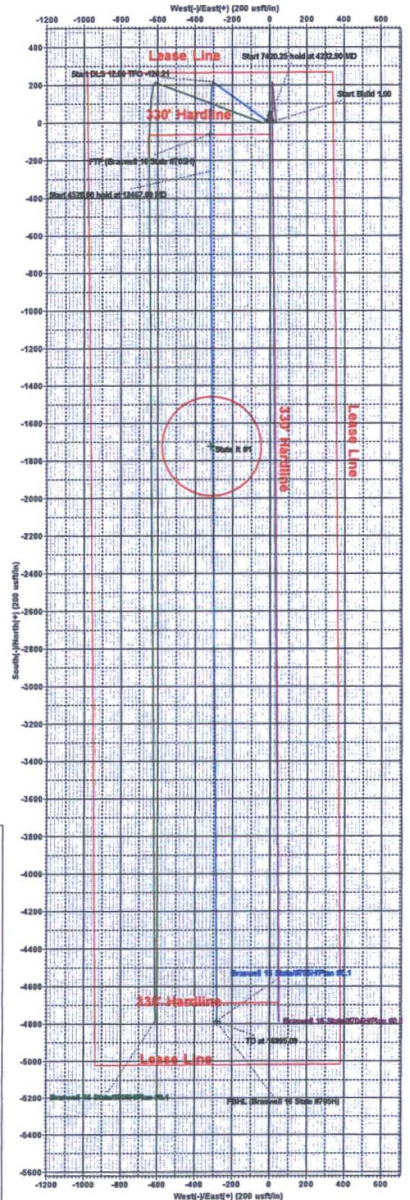
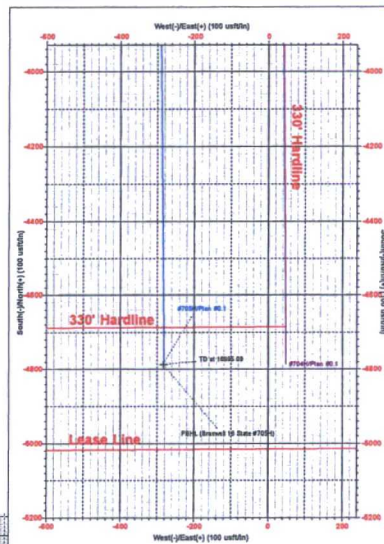
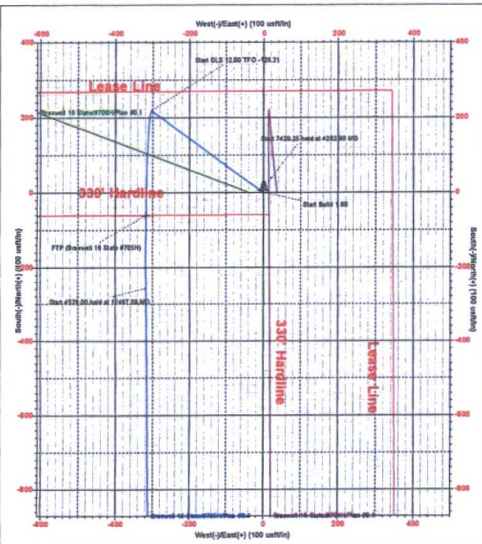
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	
3	4282.90	2.83	305.79	4282.79	4.08	-5.66	1.00	305.79	-3.74	
4	11703.15	2.83	305.79	11693.99	218.26	-302.74	0.00	0.00	-200.01	
5	12467.09	90.00	179.55	12185.00	-259.14	-318.56	12.00	-126.21	277.49	
6	16995.09	90.00	179.55	12185.00	-4787.00	-283.00	0.00	0.00	4795.36	PBHL (Braswell 16 State #705H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
State #1	0.00	-1721.22	-315.17	381033.78	774935.53
PTP (Braswell 16 State #705H)	12185.00	42.00	-318.00	382593.00	774932.00
PBHL (Braswell 16 State #705H)	12185.00	-4787.00	-283.00	377968.00	774968.00



Lea County, NM (NAD 83 NME)
Braswell 16 State #705H
Plan #0.1
5/19/2017



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Braswell 16 State

#705H

OH

Plan: Plan #0.1

Standard Planning Report

19 May, 2017



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3304.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3304.00usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Braswell 16 State		
Site Position:		Northing:	382,755.00 usft
From:	Map	Easting:	775,286.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.05002446
		Longitude:	-103.57823106
		Grid Convergence:	0.40 °

Well	#705H		
Well Position	+N/-S	0.00 usft	Northing: 382,755.00 usft
	+E/-W	-35.00 usft	Easting: 775,251.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	Latitude: 32.05002513
			Longitude: -103.57834402
			Ground Level: 3,279.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/19/2017	6.95	59.90	47,843.11373323

Design	Plan #0.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	183.38

Plan Survey Tool Program	Date 5/19/2017			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	16,995.09 Plan #0.1 (OH)	MWD	
			MWD - Standard	

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,282.90	2.83	305.79	4,282.79	4.08	-5.66	1.00	1.00	0.00	305.79	
11,703.15	2.83	305.79	11,693.99	218.26	-302.74	0.00	0.00	0.00	0.00	
12,467.09	90.00	179.55	12,185.00	-259.14	-318.56	12.00	11.41	-16.52	-126.21	
16,995.09	90.00	179.55	12,185.00	-4,787.00	-283.00	0.00	0.00	0.00	0.00	PBHL (Braswell 16 St



EOG Resources, Inc.
Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Braswell 16 State
Well: #705H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
TVD Reference: KB = 25' @ 3304.00usft
MD Reference: KB = 25' @ 3304.00usft
North Reference: Grid
Survey Calculation Method: 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State It #1									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	1.00	305.79	4,100.00	0.51	-0.71	-0.47	1.00	1.00	0.00
4,200.00	2.00	305.79	4,199.96	2.04	-2.83	-1.87	1.00	1.00	0.00
4,282.90	2.83	305.79	4,282.79	4.08	-5.66	-3.74	1.00	1.00	0.00
4,300.00	2.83	305.79	4,299.86	4.58	-6.35	-4.19	0.00	0.00	0.00
4,400.00	2.83	305.79	4,399.74	7.46	-10.35	-6.84	0.00	0.00	0.00
4,500.00	2.83	305.79	4,499.62	10.35	-14.36	-9.48	0.00	0.00	0.00
4,600.00	2.83	305.79	4,599.50	13.24	-18.36	-12.13	0.00	0.00	0.00
4,700.00	2.83	305.79	4,699.38	16.12	-22.36	-14.77	0.00	0.00	0.00
4,800.00	2.83	305.79	4,799.25	19.01	-26.37	-17.42	0.00	0.00	0.00
4,900.00	2.83	305.79	4,899.13	21.90	-30.37	-20.06	0.00	0.00	0.00
5,000.00	2.83	305.79	4,999.01	24.78	-34.37	-22.71	0.00	0.00	0.00
5,100.00	2.83	305.79	5,098.89	27.67	-38.38	-25.36	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Braswell 16 State
 Well: #705H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference:
 TVD Reference: KB = 25' @ 3304.00usft
 MD Reference: KB = 25' @ 3304.00usft
 North Reference: Grid
 Survey Calculation Method: 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)
5,200.00	2.83	305.79	5,198.77	30.55	-42.38	-28.00	0.00	0.00	0.00
5,300.00	2.83	305.79	5,298.65	33.44	-46.38	-30.65	0.00	0.00	0.00
5,400.00	2.83	305.79	5,398.52	36.33	-50.39	-33.29	0.00	0.00	0.00
5,500.00	2.83	305.79	5,498.40	39.21	-54.39	-35.94	0.00	0.00	0.00
5,600.00	2.83	305.79	5,598.28	42.10	-58.40	-38.58	0.00	0.00	0.00
5,700.00	2.83	305.79	5,698.16	44.99	-62.40	-41.23	0.00	0.00	0.00
5,800.00	2.83	305.79	5,798.04	47.87	-66.40	-43.87	0.00	0.00	0.00
5,900.00	2.83	305.79	5,897.91	50.76	-70.41	-46.52	0.00	0.00	0.00
6,000.00	2.83	305.79	5,997.79	53.65	-74.41	-49.16	0.00	0.00	0.00
6,100.00	2.83	305.79	6,097.67	56.53	-78.41	-51.81	0.00	0.00	0.00
6,200.00	2.83	305.79	6,197.55	59.42	-82.42	-54.45	0.00	0.00	0.00
6,300.00	2.83	305.79	6,297.43	62.30	-86.42	-57.10	0.00	0.00	0.00
6,400.00	2.83	305.79	6,397.31	65.19	-90.42	-59.74	0.00	0.00	0.00
6,500.00	2.83	305.79	6,497.18	68.08	-94.43	-62.39	0.00	0.00	0.00
6,600.00	2.83	305.79	6,597.06	70.96	-98.43	-65.03	0.00	0.00	0.00
6,700.00	2.83	305.79	6,696.94	73.85	-102.44	-67.68	0.00	0.00	0.00
6,800.00	2.83	305.79	6,796.82	76.74	-106.44	-70.32	0.00	0.00	0.00
6,900.00	2.83	305.79	6,896.70	79.62	-110.44	-72.97	0.00	0.00	0.00
7,000.00	2.83	305.79	6,996.57	82.51	-114.45	-75.61	0.00	0.00	0.00
7,100.00	2.83	305.79	7,096.45	85.40	-118.45	-78.26	0.00	0.00	0.00
7,200.00	2.83	305.79	7,196.33	88.28	-122.45	-80.90	0.00	0.00	0.00
7,300.00	2.83	305.79	7,296.21	91.17	-126.46	-83.55	0.00	0.00	0.00
7,400.00	2.83	305.79	7,396.09	94.06	-130.46	-86.19	0.00	0.00	0.00
7,500.00	2.83	305.79	7,495.96	96.94	-134.46	-88.84	0.00	0.00	0.00
7,600.00	2.83	305.79	7,595.84	99.83	-138.47	-91.48	0.00	0.00	0.00
7,700.00	2.83	305.79	7,695.72	102.71	-142.47	-94.13	0.00	0.00	0.00
7,800.00	2.83	305.79	7,795.60	105.60	-146.47	-96.77	0.00	0.00	0.00
7,900.00	2.83	305.79	7,895.48	108.49	-150.48	-99.42	0.00	0.00	0.00
8,000.00	2.83	305.79	7,995.36	111.37	-154.48	-102.06	0.00	0.00	0.00
8,100.00	2.83	305.79	8,095.23	114.26	-158.49	-104.71	0.00	0.00	0.00
8,200.00	2.83	305.79	8,195.11	117.15	-162.49	-107.35	0.00	0.00	0.00
8,300.00	2.83	305.79	8,294.99	120.03	-166.49	-110.00	0.00	0.00	0.00
8,400.00	2.83	305.79	8,394.87	122.92	-170.50	-112.64	0.00	0.00	0.00
8,500.00	2.83	305.79	8,494.75	125.81	-174.50	-115.29	0.00	0.00	0.00
8,600.00	2.83	305.79	8,594.62	128.69	-178.50	-117.93	0.00	0.00	0.00
8,700.00	2.83	305.79	8,694.50	131.58	-182.51	-120.58	0.00	0.00	0.00
8,800.00	2.83	305.79	8,794.38	134.46	-186.51	-123.22	0.00	0.00	0.00
8,900.00	2.83	305.79	8,894.26	137.35	-190.51	-125.87	0.00	0.00	0.00
9,000.00	2.83	305.79	8,994.14	140.24	-194.52	-128.51	0.00	0.00	0.00
9,100.00	2.83	305.79	9,094.01	143.12	-198.52	-131.16	0.00	0.00	0.00
9,200.00	2.83	305.79	9,193.89	146.01	-202.53	-133.80	0.00	0.00	0.00
9,300.00	2.83	305.79	9,293.77	148.90	-206.53	-136.45	0.00	0.00	0.00
9,400.00	2.83	305.79	9,393.65	151.78	-210.53	-139.09	0.00	0.00	0.00
9,500.00	2.83	305.79	9,493.53	154.67	-214.54	-141.74	0.00	0.00	0.00
9,600.00	2.83	305.79	9,593.41	157.56	-218.54	-144.38	0.00	0.00	0.00
9,700.00	2.83	305.79	9,693.28	160.44	-222.54	-147.03	0.00	0.00	0.00
9,800.00	2.83	305.79	9,793.16	163.33	-226.55	-149.67	0.00	0.00	0.00
9,900.00	2.83	305.79	9,893.04	166.21	-230.55	-152.32	0.00	0.00	0.00
10,000.00	2.83	305.79	9,992.92	169.10	-234.55	-154.96	0.00	0.00	0.00
10,100.00	2.83	305.79	10,092.80	171.99	-238.56	-157.61	0.00	0.00	0.00
10,200.00	2.83	305.79	10,192.67	174.87	-242.56	-160.25	0.00	0.00	0.00
10,300.00	2.83	305.79	10,292.55	177.76	-246.56	-162.90	0.00	0.00	0.00
10,400.00	2.83	305.79	10,392.43	180.65	-250.57	-165.54	0.00	0.00	0.00
10,500.00	2.83	305.79	10,492.31	183.53	-254.57	-168.19	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3304.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3304.00usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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)	
10,600.00	2.83	305.79	10,592.19	186.42	-258.58	-170.83	0.00	0.00	0.00	
10,700.00	2.83	305.79	10,692.06	189.31	-262.58	-173.48	0.00	0.00	0.00	
10,800.00	2.83	305.79	10,791.94	192.19	-266.58	-176.12	0.00	0.00	0.00	
10,900.00	2.83	305.79	10,891.82	195.08	-270.59	-178.77	0.00	0.00	0.00	
11,000.00	2.83	305.79	10,991.70	197.97	-274.59	-181.42	0.00	0.00	0.00	
11,100.00	2.83	305.79	11,091.58	200.85	-278.59	-184.06	0.00	0.00	0.00	
11,200.00	2.83	305.79	11,191.46	203.74	-282.60	-186.71	0.00	0.00	0.00	
11,300.00	2.83	305.79	11,291.33	206.62	-286.60	-189.35	0.00	0.00	0.00	
11,400.00	2.83	305.79	11,391.21	209.51	-290.60	-192.00	0.00	0.00	0.00	
11,500.00	2.83	305.79	11,491.09	212.40	-294.61	-194.64	0.00	0.00	0.00	
11,600.00	2.83	305.79	11,590.97	215.28	-298.61	-197.29	0.00	0.00	0.00	
11,703.15	2.83	305.79	11,693.99	218.26	-302.74	-200.01	0.00	0.00	0.00	
11,725.00	2.47	246.95	11,715.82	218.39	-303.61	-200.09	12.00	-1.63	-269.32	
11,750.00	4.56	209.53	11,740.78	217.32	-304.60	-198.96	12.00	8.36	-149.69	
11,775.00	7.31	197.64	11,765.64	214.93	-305.57	-196.53	12.00	11.01	-47.53	
11,800.00	10.21	192.34	11,790.35	211.25	-306.53	-192.79	12.00	11.57	-21.21	
11,825.00	13.15	189.38	11,814.83	206.28	-307.46	-187.78	12.00	11.76	-11.86	
11,850.00	16.11	187.48	11,839.01	200.04	-308.38	-181.49	12.00	11.85	-7.57	
11,875.00	19.08	186.17	11,862.84	192.54	-309.27	-173.95	12.00	11.89	-5.27	
11,900.00	22.06	185.19	11,886.25	183.79	-310.13	-165.17	12.00	11.92	-3.89	
11,925.00	25.05	184.44	11,909.16	173.84	-310.97	-155.19	12.00	11.94	-3.00	
11,950.00	28.04	183.84	11,931.52	162.70	-311.77	-144.02	12.00	11.95	-2.40	
11,975.00	31.03	183.35	11,953.27	150.40	-312.54	-131.70	12.00	11.96	-1.97	
12,000.00	34.02	182.94	11,974.35	136.98	-313.28	-118.26	12.00	11.97	-1.66	
12,025.00	37.01	182.58	11,994.70	122.48	-313.97	-103.74	12.00	11.97	-1.42	
12,050.00	40.00	182.27	12,014.26	106.93	-314.63	-88.18	12.00	11.98	-1.23	
12,075.00	43.00	182.00	12,032.98	90.38	-315.25	-71.62	12.00	11.98	-1.09	
12,100.00	45.99	181.76	12,050.81	72.87	-315.82	-54.10	12.00	11.98	-0.97	
12,125.00	48.99	181.54	12,067.70	54.45	-316.35	-35.68	12.00	11.98	-0.88	
12,150.00	51.99	181.34	12,083.61	35.17	-316.83	-16.41	12.00	11.98	-0.80	
12,175.00	54.98	181.15	12,098.48	15.08	-317.27	3.67	12.00	11.99	-0.74	
12,200.00	57.98	180.98	12,112.28	-5.75	-317.65	24.49	12.00	11.99	-0.69	
12,225.00	60.98	180.82	12,124.98	-27.28	-317.99	46.00	12.00	11.99	-0.64	
12,250.00	63.97	180.67	12,136.53	-49.45	-318.28	68.15	12.00	11.99	-0.61	
12,275.00	66.97	180.52	12,146.91	-72.19	-318.51	90.86	12.00	11.99	-0.58	
12,279.51	67.51	180.50	12,148.65	-76.34	-318.55	95.01	12.00	11.99	-0.56	
FTP (Braswell 16 State #705H)										
12,300.00	69.97	180.38	12,156.09	-95.44	-318.70	114.08	12.00	11.99	-0.55	
12,325.00	72.96	180.25	12,164.03	-119.14	-318.83	137.75	12.00	11.99	-0.53	
12,350.00	75.96	180.12	12,170.73	-143.22	-318.90	161.79	12.00	11.99	-0.51	
12,375.00	78.96	180.00	12,176.15	-167.62	-318.93	186.15	12.00	11.99	-0.50	
12,400.00	81.96	179.87	12,180.30	-192.28	-318.90	210.76	12.00	11.99	-0.49	
12,425.00	84.95	179.75	12,183.15	-217.11	-318.82	235.55	12.00	11.99	-0.48	
12,450.00	87.95	179.63	12,184.69	-242.06	-318.68	260.44	12.00	11.99	-0.48	
12,467.09	90.00	179.55	12,185.00	-259.14	-318.56	277.49	12.00	11.99	-0.48	
12,500.00	90.00	179.55	12,185.00	-292.05	-318.30	310.33	0.00	0.00	0.00	
12,600.00	90.00	179.55	12,185.00	-392.05	-317.52	410.11	0.00	0.00	0.00	
12,700.00	90.00	179.55	12,185.00	-492.05	-316.73	509.88	0.00	0.00	0.00	
12,800.00	90.00	179.55	12,185.00	-592.04	-315.95	609.66	0.00	0.00	0.00	
12,900.00	90.00	179.55	12,185.00	-692.04	-315.16	709.43	0.00	0.00	0.00	
13,000.00	90.00	179.55	12,185.00	-792.04	-314.38	809.21	0.00	0.00	0.00	
13,100.00	90.00	179.55	12,185.00	-892.03	-313.59	908.99	0.00	0.00	0.00	
13,200.00	90.00	179.55	12,185.00	-992.03	-312.81	1,008.76	0.00	0.00	0.00	
13,300.00	90.00	179.55	12,185.00	-1,092.03	-312.02	1,108.54	0.00	0.00	0.00	



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Braswell 16 State
 Well: #705H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
 TVD Reference: KB = 25' @ 3304.00usft
 MD Reference: KB = 25' @ 3304.00usft
 North Reference: Grid
 Survey Calculation Method: 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)
13,400.00	90.00	179.55	12,185.00	-1,192.03	-311.24	1,208.32	0.00	0.00	0.00
13,500.00	90.00	179.55	12,185.00	-1,292.02	-310.45	1,308.09	0.00	0.00	0.00
13,600.00	90.00	179.55	12,185.00	-1,392.02	-309.66	1,407.87	0.00	0.00	0.00
13,700.00	90.00	179.55	12,185.00	-1,492.02	-308.88	1,507.64	0.00	0.00	0.00
13,800.00	90.00	179.55	12,185.00	-1,592.01	-308.09	1,607.42	0.00	0.00	0.00
13,900.00	90.00	179.55	12,185.00	-1,692.01	-307.31	1,707.20	0.00	0.00	0.00
14,000.00	90.00	179.55	12,185.00	-1,792.01	-306.52	1,806.97	0.00	0.00	0.00
14,100.00	90.00	179.55	12,185.00	-1,892.00	-305.74	1,906.75	0.00	0.00	0.00
14,200.00	90.00	179.55	12,185.00	-1,992.00	-304.95	2,006.53	0.00	0.00	0.00
14,300.00	90.00	179.55	12,185.00	-2,092.00	-304.17	2,106.30	0.00	0.00	0.00
14,400.00	90.00	179.55	12,185.00	-2,191.99	-303.38	2,206.08	0.00	0.00	0.00
14,500.00	90.00	179.55	12,185.00	-2,291.99	-302.60	2,305.85	0.00	0.00	0.00
14,600.00	90.00	179.55	12,185.00	-2,391.99	-301.81	2,405.63	0.00	0.00	0.00
14,700.00	90.00	179.55	12,185.00	-2,491.99	-301.03	2,505.41	0.00	0.00	0.00
14,800.00	90.00	179.55	12,185.00	-2,591.98	-300.24	2,605.18	0.00	0.00	0.00
14,900.00	90.00	179.55	12,185.00	-2,691.98	-299.45	2,704.96	0.00	0.00	0.00
15,000.00	90.00	179.55	12,185.00	-2,791.98	-298.67	2,804.74	0.00	0.00	0.00
15,100.00	90.00	179.55	12,185.00	-2,891.97	-297.88	2,904.51	0.00	0.00	0.00
15,200.00	90.00	179.55	12,185.00	-2,991.97	-297.10	3,004.29	0.00	0.00	0.00
15,300.00	90.00	179.55	12,185.00	-3,091.97	-296.31	3,104.06	0.00	0.00	0.00
15,400.00	90.00	179.55	12,185.00	-3,191.96	-295.53	3,203.84	0.00	0.00	0.00
15,500.00	90.00	179.55	12,185.00	-3,291.96	-294.74	3,303.62	0.00	0.00	0.00
15,600.00	90.00	179.55	12,185.00	-3,391.96	-293.96	3,403.39	0.00	0.00	0.00
15,700.00	90.00	179.55	12,185.00	-3,491.95	-293.17	3,503.17	0.00	0.00	0.00
15,800.00	90.00	179.55	12,185.00	-3,591.95	-292.39	3,602.95	0.00	0.00	0.00
15,900.00	90.00	179.55	12,185.00	-3,691.95	-291.60	3,702.72	0.00	0.00	0.00
16,000.00	90.00	179.55	12,185.00	-3,791.95	-290.82	3,802.50	0.00	0.00	0.00
16,100.00	90.00	179.55	12,185.00	-3,891.94	-290.03	3,902.28	0.00	0.00	0.00
16,200.00	90.00	179.55	12,185.00	-3,991.94	-289.24	4,002.05	0.00	0.00	0.00
16,300.00	90.00	179.55	12,185.00	-4,091.94	-288.46	4,101.83	0.00	0.00	0.00
16,400.00	90.00	179.55	12,185.00	-4,191.93	-287.67	4,201.60	0.00	0.00	0.00
16,500.00	90.00	179.55	12,185.00	-4,291.93	-286.89	4,301.38	0.00	0.00	0.00
16,600.00	90.00	179.55	12,185.00	-4,391.93	-286.10	4,401.16	0.00	0.00	0.00
16,700.00	90.00	179.55	12,185.00	-4,491.92	-285.32	4,500.93	0.00	0.00	0.00
16,800.00	90.00	179.55	12,185.00	-4,591.92	-284.53	4,600.71	0.00	0.00	0.00
16,900.00	90.00	179.55	12,185.00	-4,691.92	-283.75	4,700.49	0.00	0.00	0.00
16,995.09	90.00	179.55	12,185.00	-4,787.00	-283.00	4,795.36	0.00	0.00	0.00
PBHL (Braswell 16 State #705H)									



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3304.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3304.00usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
State It #1	0.00	0.00	0.00	-1,721.22	-315.17	381,033.78	774,935.82	32.04530000	-103.57940000
- plan misses target center by 1749.83usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Circle (radius 264.00)									
PBHL (Braswell 16 State	0.00	0.00	12,185.00	-4,787.00	-283.00	377,968.00	774,968.00	32.03687232	-103.57936524
- plan hits target center									
- Point									
FTP (Braswell 16 State #	0.00	0.00	12,185.00	-62.00	-319.00	382,693.00	774,932.00	32.04986084	-103.57937496
- plan misses target center by 39.08usft at 12279.51usft MD (12148.65 TVD, -76.34 N, -318.55 E)									
- Point									