

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

HOBBS OCD
AUG 10 2017
RECEIVED

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. 30-025-42580
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		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 Condor 32 State
4. Well Location Unit Letter A : 160 feet from the North line and 937 feet from the East line Section 32 Township 25S Range 34E NMPM County Lea		8. Well Number 701H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3321' GR		9. OGRID Number 7377
		10. Pool name or Wildcat *WC-025 G-09 S253336D; 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: **BHL & CSG chg** ☒

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 casing design.

Change BHL TO: 230' FSL & 992' FEL 32-25S-34E
Change casing as attached.

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
Stan Wagner

TITLE

Regulatory Analyst

DATE

8/10/2017

Type or print name

E-mail address:

PHONE:

432-686-3689

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer
Petroleum Engineer

DATE

08/10/17

Conditions of Approval (if any):

Revised Permit Information 8/9/17:

Well Name: Condor 32 State No. 701H

Location:

SL: 160' FNL & 937' FEL, Section 32, T-25-S, R-34-E, Lea Co., N.M.

BHL: 230' FSL & 992' FEL, Section 32, T-25-S, R-34-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 – 930'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
8.75"	0' – 11,500'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-17,424'	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
930'	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
11,500'	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
17,424'	775	14.2	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 11,000')

Mud Program:

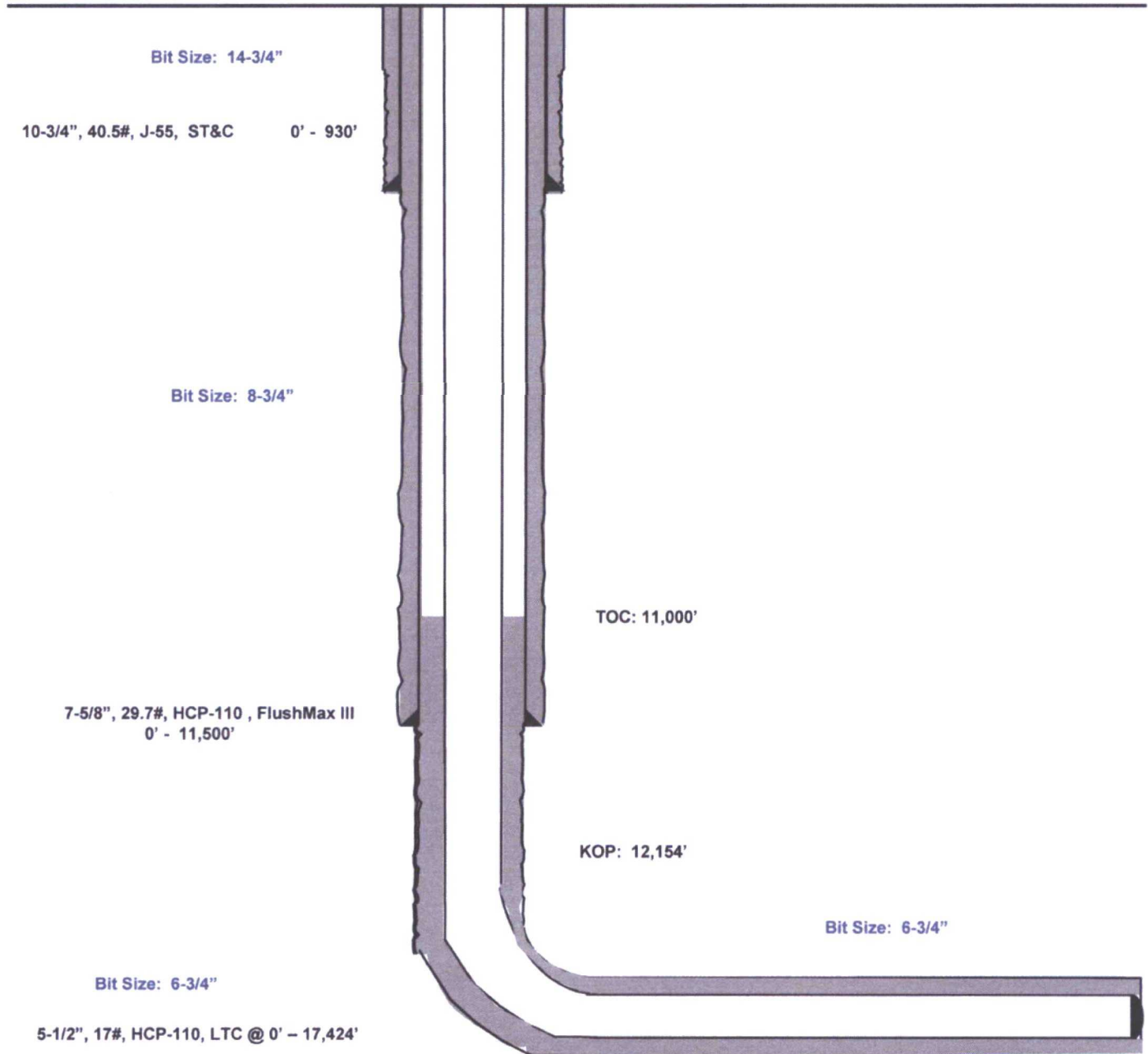
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 930'	Fresh - Gel	8.6-8.8	28-34	N/c
930' – 11,500'	Brine	8.8-10.0	28-34	N/c
11,500' – 12,154'	Oil Base	10.0-11.5	58-68	3 - 6
12,154' – 17,424' Lateral	Oil Base	10.0-11.5	58-68	3 - 6

Condor 32 State #701H

160' FNL
937' FEL
Section 32
T-25-S, R-34-E

Lea County, New Mexico
Proposed Wellbore
Revised 8/9/17
API: 30-025-42580

KB: 3,346'
GL: 3,321'



Lateral: 17,424' MD, 12,676' TVD

BH Location: 230' FSL & 992' FEL
Section 32
T-25-S, R-34-E

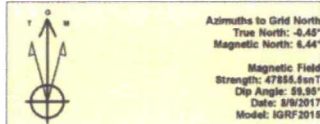


Lea County, NM (NAD 83 NME)

Condor 32 State #701H

HP 620

Plan #0.1



Azimuths to Grid North
True North: -0.49°
Magnetic North: 6.44°
Magnetic Field
Strength: 47855.5nT
Dip Angle: 59.99°
Date: 8/8/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 5.44°
To convert a Magnetic Direction to a True Direction, Add 5.99° East
To convert a True Direction to a Grid Direction, Subtract 0.49°

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: #701H

KB= 25' @ 3346.0usft (HP 620) 3321.0
Northing 388590.00 Easting 803604.00 Latitude 32° 5' 37.969 N Longitude 103° 29' 11.143 W

SECTION DETAILS

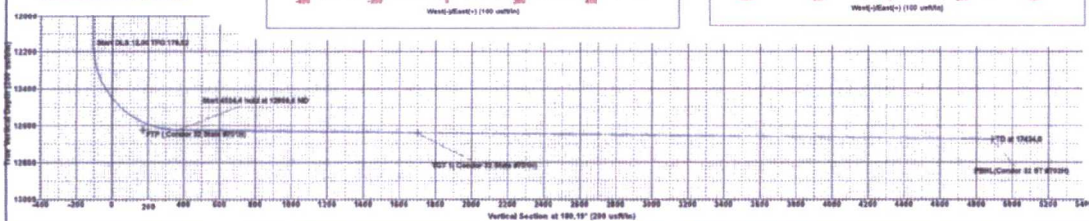
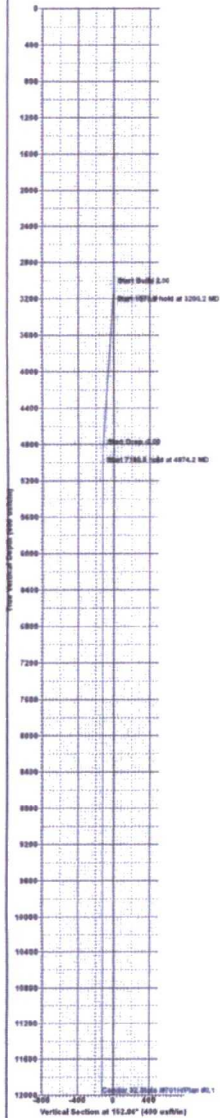
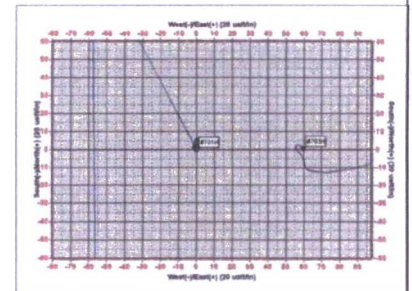
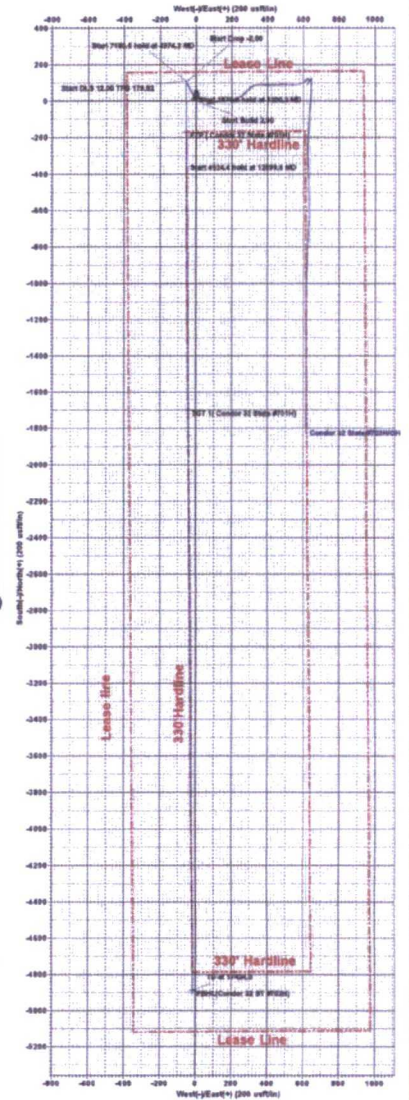
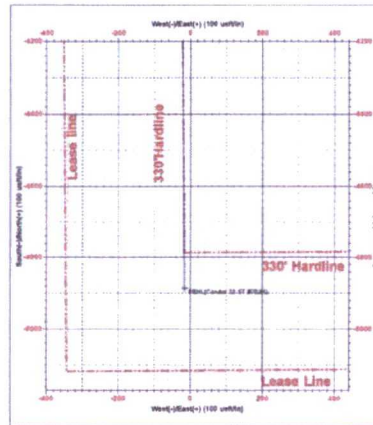
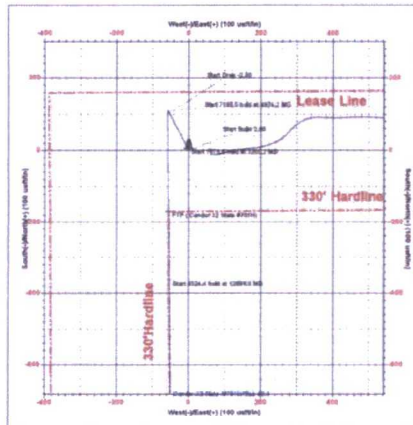
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSet	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3200.2	4.00	332.06	3200.0	6.2	-3.3	2.00	332.06	-6.2	
4774.0	4.00	332.06	4770.0	103.2	-54.7	0.00	0.00	-103.0	
4974.2	0.00	0.00	4970.0	109.3	-58.0	2.00	180.00	-109.1	
12154.7	0.00	0.00	12150.5	109.3	-58.0	0.00	0.00	-109.1	
12899.6	89.39	179.52	12628.0	-363.1	-54.0	12.00	179.52	363.2	
17424.0	89.39	179.52	12676.0	-4887.0	-16.0	0.00	0.00	4887.0	PBHL(Condor 32 ST #702H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PTP (Condor 32 State #701H)	12628.0	-179.5	-54.0	388735.00	803548.00
TOT 1 (Condor 32 State #701H)	12644.0	-1898.9	-43.0	387156.19	803560.97
PBHL(Condor 32 ST #702H)	12676.0	-4887.0	-16.0	384003.00	803588.00



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Condor 32 State

#701H

OH

Plan: Plan #0.1

Standard Planning Report

09 August, 2017

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB= 25' @ 3346.0usft (HP 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#701H	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	Condor 32 State		
Site Position:		Northing:	398,890.00 usft
From:	Map	Easting:	803,604.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 5' 37.669 N
		Longitude:	103° 29' 11.148 W
		Grid Convergence:	0.45 °

Well	#701H		
Well Position	+N/-S	0.0 usft	Northing: 398,890.00 usft
	+E/-W	0.0 usft	Easting: 803,604.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 5' 37.669 N
			Longitude: 103° 29' 11.148 W
			Ground Level: 3,321.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	8/9/2017	6.89
			Dip Angle (°) 59.95
			Field Strength (nT) 47,855.48642167

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°) 180.19

Plan Survey Tool Program	Date 8/9/2017		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name
1	0.0	17,424.0 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
0.0	0.00	0.00	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	0.00	0.00	0.00	0.00	
3,200.2	4.00	332.06	3,200.0	6.2	-3.3	2.00	2.00	0.00	332.06	
4,774.0	4.00	332.06	4,770.0	103.2	-54.7	0.00	0.00	0.00	0.00	
4,974.2	0.00	0.00	4,970.0	109.3	-58.0	2.00	-2.00	0.00	180.00	
12,154.7	0.00	0.00	12,150.5	109.3	-58.0	0.00	0.00	0.00	0.00	
12,899.6	89.39	179.52	12,628.0	-363.1	-54.0	12.00	12.00	24.10	179.52	
17,424.0	89.39	179.52	12,676.0	-4,887.0	-16.0	0.00	0.00	0.00	0.00	PBHL(Condor 32 ST i

Planning Report

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Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB= 25' @ 3346.0usft (HP 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#701H	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)
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	2.00	332.06	3,100.0	1.5	-0.8	-1.5	2.00	2.00	0.00
3,200.2	4.00	332.06	3,200.0	6.2	-3.3	-6.2	2.00	2.00	0.00
3,300.0	4.00	332.06	3,299.6	12.3	-6.5	-12.3	0.00	0.00	0.00
3,400.0	4.00	332.06	3,399.4	18.5	-9.8	-18.5	0.00	0.00	0.00
3,500.0	4.00	332.06	3,499.1	24.6	-13.1	-24.6	0.00	0.00	0.00
3,600.0	4.00	332.06	3,598.9	30.8	-16.3	-30.8	0.00	0.00	0.00
3,700.0	4.00	332.06	3,698.6	37.0	-19.6	-36.9	0.00	0.00	0.00
3,800.0	4.00	332.06	3,798.4	43.1	-22.9	-43.1	0.00	0.00	0.00
3,900.0	4.00	332.06	3,898.1	49.3	-26.1	-49.2	0.00	0.00	0.00
4,000.0	4.00	332.06	3,997.9	55.5	-29.4	-55.4	0.00	0.00	0.00
4,100.0	4.00	332.06	4,097.6	61.6	-32.7	-61.5	0.00	0.00	0.00
4,200.0	4.00	332.06	4,197.4	67.8	-36.0	-67.7	0.00	0.00	0.00
4,300.0	4.00	332.06	4,297.2	73.9	-39.2	-73.8	0.00	0.00	0.00
4,400.0	4.00	332.06	4,396.9	80.1	-42.5	-80.0	0.00	0.00	0.00
4,500.0	4.00	332.06	4,496.7	86.3	-45.8	-86.1	0.00	0.00	0.00
4,600.0	4.00	332.06	4,596.4	92.4	-49.0	-92.3	0.00	0.00	0.00
4,700.0	4.00	332.06	4,696.2	98.6	-52.3	-98.4	0.00	0.00	0.00
4,774.0	4.00	332.06	4,770.0	103.2	-54.7	-103.0	0.00	0.00	0.00
4,800.0	3.48	332.06	4,795.9	104.7	-55.5	-104.5	2.00	-2.00	0.00
4,900.0	1.48	332.06	4,895.8	108.5	-57.5	-108.3	2.00	-2.00	0.00
4,974.2	0.00	0.00	4,970.0	109.3	-58.0	-109.1	2.00	-2.00	0.00
5,000.0	0.00	0.00	4,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,100.0	0.00	0.00	5,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB= 25' @ 3346.0usft (HP 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#701H	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)
5,200.0	0.00	0.00	5,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,300.0	0.00	0.00	5,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,400.0	0.00	0.00	5,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,500.0	0.00	0.00	5,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,600.0	0.00	0.00	5,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,700.0	0.00	0.00	5,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,800.0	0.00	0.00	5,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
5,900.0	0.00	0.00	5,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,000.0	0.00	0.00	5,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,100.0	0.00	0.00	6,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,200.0	0.00	0.00	6,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,300.0	0.00	0.00	6,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,400.0	0.00	0.00	6,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,500.0	0.00	0.00	6,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,600.0	0.00	0.00	6,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,700.0	0.00	0.00	6,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,800.0	0.00	0.00	6,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
6,900.0	0.00	0.00	6,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,000.0	0.00	0.00	6,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,100.0	0.00	0.00	7,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,200.0	0.00	0.00	7,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,300.0	0.00	0.00	7,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,400.0	0.00	0.00	7,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,500.0	0.00	0.00	7,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,600.0	0.00	0.00	7,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,700.0	0.00	0.00	7,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,800.0	0.00	0.00	7,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
7,900.0	0.00	0.00	7,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,000.0	0.00	0.00	7,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,100.0	0.00	0.00	8,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,200.0	0.00	0.00	8,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,300.0	0.00	0.00	8,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,400.0	0.00	0.00	8,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,500.0	0.00	0.00	8,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,600.0	0.00	0.00	8,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,700.0	0.00	0.00	8,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,800.0	0.00	0.00	8,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
8,900.0	0.00	0.00	8,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,000.0	0.00	0.00	8,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,100.0	0.00	0.00	9,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,200.0	0.00	0.00	9,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,300.0	0.00	0.00	9,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,400.0	0.00	0.00	9,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,500.0	0.00	0.00	9,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,600.0	0.00	0.00	9,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,700.0	0.00	0.00	9,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,800.0	0.00	0.00	9,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
9,900.0	0.00	0.00	9,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,000.0	0.00	0.00	9,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,100.0	0.00	0.00	10,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,200.0	0.00	0.00	10,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,300.0	0.00	0.00	10,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,400.0	0.00	0.00	10,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,500.0	0.00	0.00	10,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB= 25' @ 3346.0usft (HP 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#701H	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)
10,600.0	0.00	0.00	10,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,700.0	0.00	0.00	10,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,800.0	0.00	0.00	10,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
10,900.0	0.00	0.00	10,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,000.0	0.00	0.00	10,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,100.0	0.00	0.00	11,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,200.0	0.00	0.00	11,195.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,300.0	0.00	0.00	11,295.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,400.0	0.00	0.00	11,395.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,500.0	0.00	0.00	11,495.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,600.0	0.00	0.00	11,595.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,700.0	0.00	0.00	11,695.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,800.0	0.00	0.00	11,795.8	109.3	-58.0	-109.1	0.00	0.00	0.00
11,900.0	0.00	0.00	11,895.8	109.3	-58.0	-109.1	0.00	0.00	0.00
12,000.0	0.00	0.00	11,995.8	109.3	-58.0	-109.1	0.00	0.00	0.00
12,100.0	0.00	0.00	12,095.8	109.3	-58.0	-109.1	0.00	0.00	0.00
12,154.7	0.00	0.00	12,150.5	109.3	-58.0	-109.1	0.00	0.00	0.00
12,175.0	2.44	179.52	12,170.8	108.9	-58.0	-108.7	12.00	12.00	0.00
12,200.0	5.44	179.52	12,195.8	107.2	-58.0	-107.0	12.00	12.00	0.00
12,225.0	8.44	179.52	12,220.6	104.2	-57.9	-104.0	12.00	12.00	0.00
12,250.0	11.44	179.52	12,245.2	99.8	-57.9	-99.7	12.00	12.00	0.00
12,275.0	14.44	179.52	12,269.6	94.3	-57.9	-94.1	12.00	12.00	0.00
12,300.0	17.44	179.52	12,293.6	87.4	-57.8	-87.2	12.00	12.00	0.00
12,325.0	20.44	179.52	12,317.3	79.3	-57.7	-79.1	12.00	12.00	0.00
12,350.0	23.44	179.52	12,340.4	69.9	-57.7	-69.8	12.00	12.00	0.00
12,375.0	26.44	179.52	12,363.1	59.4	-57.6	-59.2	12.00	12.00	0.00
12,400.0	29.44	179.52	12,385.2	47.7	-57.5	-47.5	12.00	12.00	0.00
12,425.0	32.44	179.52	12,406.6	34.8	-57.4	-34.7	12.00	12.00	0.00
12,450.0	35.44	179.52	12,427.4	20.9	-57.2	-20.7	12.00	12.00	0.00
12,475.0	38.44	179.52	12,447.4	5.9	-57.1	-5.7	12.00	12.00	0.00
12,500.0	41.44	179.52	12,466.5	-10.2	-57.0	10.4	12.00	12.00	0.00
12,525.0	44.44	179.52	12,484.8	-27.2	-56.8	27.4	12.00	12.00	0.00
12,550.0	47.44	179.52	12,502.2	-45.2	-56.7	45.4	12.00	12.00	0.00
12,575.0	50.44	179.52	12,518.6	-64.0	-56.5	64.2	12.00	12.00	0.00
12,600.0	53.44	179.52	12,534.0	-83.7	-56.4	83.9	12.00	12.00	0.00
12,625.0	56.44	179.52	12,548.4	-104.2	-56.2	104.3	12.00	12.00	0.00
12,650.0	59.44	179.52	12,561.7	-125.3	-56.0	125.5	12.00	12.00	0.00
12,675.0	62.44	179.52	12,573.8	-147.2	-55.8	147.4	12.00	12.00	0.00
12,700.0	65.44	179.52	12,584.8	-169.6	-55.6	169.8	12.00	12.00	0.00
12,725.0	68.44	179.52	12,594.6	-192.6	-55.4	192.8	12.00	12.00	0.00
12,750.0	71.44	179.52	12,603.2	-216.1	-55.2	216.3	12.00	12.00	0.00
12,775.0	74.44	179.52	12,610.5	-240.0	-55.0	240.2	12.00	12.00	0.00
12,800.0	77.44	179.52	12,616.6	-264.3	-54.8	264.4	12.00	12.00	0.00
12,825.0	80.44	179.52	12,621.4	-288.8	-54.6	289.0	12.00	12.00	0.00
12,850.0	83.44	179.52	12,624.9	-313.5	-54.4	313.7	12.00	12.00	0.00
12,875.0	86.44	179.52	12,627.1	-338.4	-54.2	338.6	12.00	12.00	0.00
12,899.6	89.39	179.52	12,628.0	-363.1	-54.0	363.2	12.00	12.00	0.00
13,000.0	89.39	179.52	12,629.0	-463.4	-53.2	463.6	0.00	0.00	0.00
13,100.0	89.39	179.52	12,630.1	-563.4	-52.3	563.6	0.00	0.00	0.00
13,200.0	89.39	179.52	12,631.2	-663.4	-51.5	663.6	0.00	0.00	0.00
13,300.0	89.39	179.52	12,632.2	-763.4	-50.7	763.5	0.00	0.00	0.00
13,400.0	89.39	179.52	12,633.3	-863.4	-49.8	863.5	0.00	0.00	0.00
13,500.0	89.39	179.52	12,634.4	-963.4	-49.0	963.5	0.00	0.00	0.00
13,600.0	89.39	179.52	12,635.4	-1,063.4	-48.1	1,063.5	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB= 25' @ 3346.0usft (HP 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#701H	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)
13,700.0	89.39	179.52	12,636.5	-1,163.3	-47.3	1,163.5	0.00	0.00	0.00
13,800.0	89.39	179.52	12,637.5	-1,263.3	-46.4	1,263.5	0.00	0.00	0.00
13,900.0	89.39	179.52	12,638.6	-1,363.3	-45.6	1,363.5	0.00	0.00	0.00
14,000.0	89.39	179.52	12,639.7	-1,463.3	-44.8	1,463.5	0.00	0.00	0.00
14,100.0	89.39	179.52	12,640.7	-1,563.3	-43.9	1,563.4	0.00	0.00	0.00
14,200.0	89.39	179.52	12,641.8	-1,663.3	-43.1	1,663.4	0.00	0.00	0.00
14,300.0	89.39	179.52	12,642.8	-1,763.3	-42.2	1,763.4	0.00	0.00	0.00
14,400.0	89.39	179.52	12,643.9	-1,863.3	-41.4	1,863.4	0.00	0.00	0.00
14,500.0	89.39	179.52	12,645.0	-1,963.3	-40.6	1,963.4	0.00	0.00	0.00
14,600.0	89.39	179.52	12,646.0	-2,063.3	-39.7	2,063.4	0.00	0.00	0.00
14,700.0	89.39	179.52	12,647.1	-2,163.3	-38.9	2,163.4	0.00	0.00	0.00
14,800.0	89.39	179.52	12,648.1	-2,263.2	-38.0	2,263.4	0.00	0.00	0.00
14,900.0	89.39	179.52	12,649.2	-2,363.2	-37.2	2,363.3	0.00	0.00	0.00
15,000.0	89.39	179.52	12,650.3	-2,463.2	-36.4	2,463.3	0.00	0.00	0.00
15,100.0	89.39	179.52	12,651.3	-2,563.2	-35.5	2,563.3	0.00	0.00	0.00
15,200.0	89.39	179.52	12,652.4	-2,663.2	-34.7	2,663.3	0.00	0.00	0.00
15,300.0	89.39	179.52	12,653.5	-2,763.2	-33.8	2,763.3	0.00	0.00	0.00
15,400.0	89.39	179.52	12,654.5	-2,863.2	-33.0	2,863.3	0.00	0.00	0.00
15,500.0	89.39	179.52	12,655.6	-2,963.2	-32.2	2,963.3	0.00	0.00	0.00
15,600.0	89.39	179.52	12,656.6	-3,063.2	-31.3	3,063.3	0.00	0.00	0.00
15,700.0	89.39	179.52	12,657.7	-3,163.2	-30.5	3,163.2	0.00	0.00	0.00
15,800.0	89.39	179.52	12,658.8	-3,263.2	-29.6	3,263.2	0.00	0.00	0.00
15,900.0	89.39	179.52	12,659.8	-3,363.1	-28.8	3,363.2	0.00	0.00	0.00
16,000.0	89.39	179.52	12,660.9	-3,463.1	-28.0	3,463.2	0.00	0.00	0.00
16,100.0	89.39	179.52	12,661.9	-3,563.1	-27.1	3,563.2	0.00	0.00	0.00
16,200.0	89.39	179.52	12,663.0	-3,663.1	-26.3	3,663.2	0.00	0.00	0.00
16,300.0	89.39	179.52	12,664.1	-3,763.1	-25.4	3,763.2	0.00	0.00	0.00
16,400.0	89.39	179.52	12,665.1	-3,863.1	-24.6	3,863.2	0.00	0.00	0.00
16,500.0	89.39	179.52	12,666.2	-3,963.1	-23.8	3,963.1	0.00	0.00	0.00
16,600.0	89.39	179.52	12,667.3	-4,063.1	-22.9	4,063.1	0.00	0.00	0.00
16,700.0	89.39	179.52	12,668.3	-4,163.1	-22.1	4,163.1	0.00	0.00	0.00
16,800.0	89.39	179.52	12,669.4	-4,263.1	-21.2	4,263.1	0.00	0.00	0.00
16,900.0	89.39	179.52	12,670.4	-4,363.1	-20.4	4,363.1	0.00	0.00	0.00
17,000.0	89.39	179.52	12,671.5	-4,463.0	-19.6	4,463.1	0.00	0.00	0.00
17,100.0	89.39	179.52	12,672.6	-4,563.0	-18.7	4,563.1	0.00	0.00	0.00
17,200.0	89.39	179.52	12,673.6	-4,663.0	-17.9	4,663.1	0.00	0.00	0.00
17,300.0	89.39	179.52	12,674.7	-4,763.0	-17.0	4,763.0	0.00	0.00	0.00
17,400.0	89.39	179.52	12,675.7	-4,863.0	-16.2	4,863.0	0.00	0.00	0.00
17,424.0	89.39	179.52	12,676.0	-4,887.0	-16.0	4,887.0	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB= 25' @ 3346.0usft (HP 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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 (Condor 32 State # - plan misses target center by 39.5usft at 12717.3usft MD (12591.7 TVD, -185.5 N, -55.5 E) - Point	0.00	0.00	12,628.0	-170.0	-56.0	398,720.00	803,548.00	32° 5' 35.991 N	103° 29' 11.815 W
TGT 1(Condor 32 State - plan misses target center by 1.8usft at 14236.6usft MD (12642.2 TVD, -1699.9 N, -42.8 E) - Point	0.00	0.00	12,644.0	-1,699.9	-43.0	397,190.10	803,560.97	32° 5' 20.851 N	103° 29' 11.803 W
PBHL(Condor 32 ST #7(- plan hits target center - Point	0.00	0.00	12,676.0	-4,887.0	-16.0	394,003.00	803,588.00	32° 4' 49.312 N	103° 29' 11.780 W