

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-42581
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Condor 32 State
8. Well Number 702H
9. OGRID Number 7377
10. Pool name or Wildcat *WC-025 G-09 S253336D; 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 ☐	1102 02 NUP
2. Name of Operator EOG Resources, Inc.	
3. Address of Operator P.O. Box 2267 Midland, TX 79702	
4. Well Location Unit Letter A 160 feet from the North line and 907 feet from the East line Section 32 Township 25S Range 34E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3320' 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: BHL & TVD chg ☒

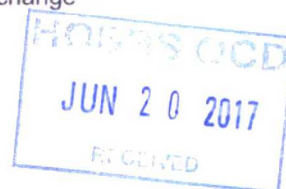
SUBSEQUENT REPORT OF:

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 TVD.

Change BHL TO: 230' FSL & 992' FEL 32-25S-34E
Change TVD TO: 12,675' TVD (17,471' MD)



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

7/20/2017

Type or print name

E-mail address:

PHONE:

432-686-3689

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

07/20/17

Conditions of Approval (if any):

Revised Permit Information 7/20/17:

Well Name: Condor 32 State No. 702H

Location:

SL: 160' FNL & 907' 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'-17,471'	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
17,471'	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:

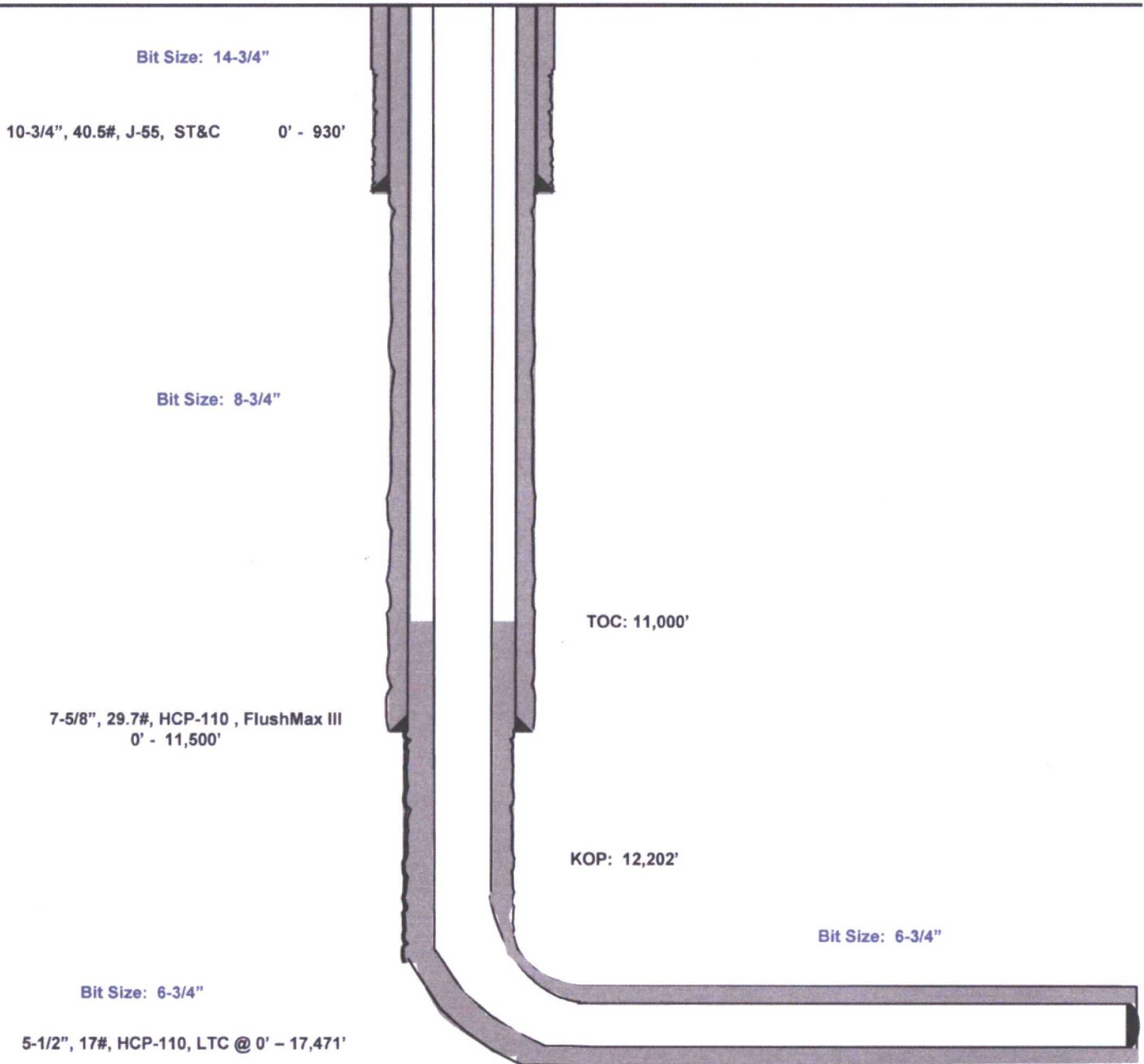
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 930'	Fresh - Gel	8.6-8.8	28-34	N/c
930' - 11,500'	Brine	8.8-10.0	28-34	N/c
11,500' - 12,202'	Oil Base	10.0-11.5	58-68	3 - 6
12,202' - 17,471' Lateral	Oil Base	10.0-11.5	58-68	3 - 6

Condor 32 State #702H

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

Lea County, New Mexico
Proposed Wellbore
Revised 7/20/17
API: 30-025-42581

KB: 3,345'
GL: 3,320'



Lateral: 17,471' MD, 12,675' TVD

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



Lea County, NM (NAD 27 NME)

Condor 32 State #702H

H&P 620

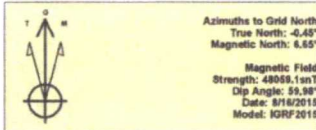
Plan #1

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: #702H

Ground Level: 3321.0
KB: 25' @ 3346.0usft (H&P 620)
Northing 398533.00 Easting 762447.00 Latitude 32° 5' 37.222 N Longitude 103° 29' 9.119 W



To convert a Magnetic Direction to a Grid Direction, Add 5.85°
To convert a Magnetic Direction to a True Direction, Add 7.10° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

SECTION DETAILS

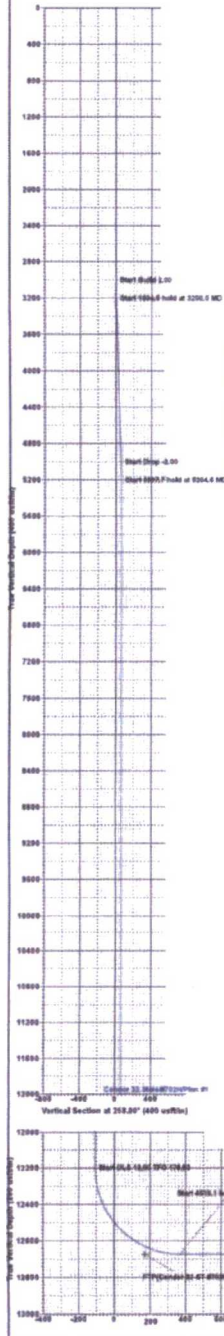
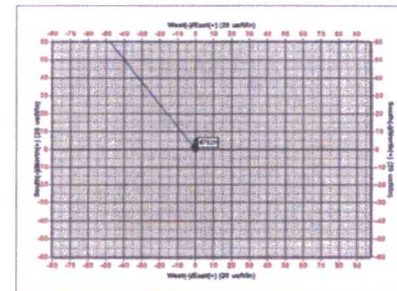
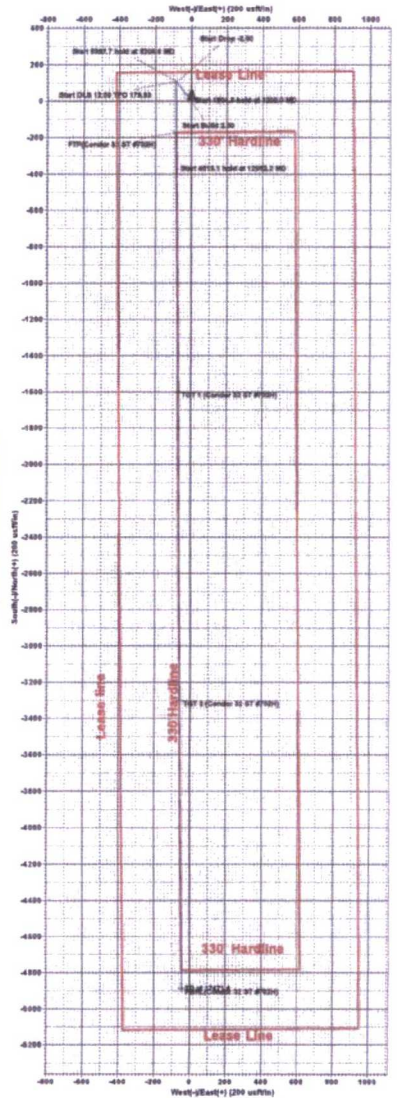
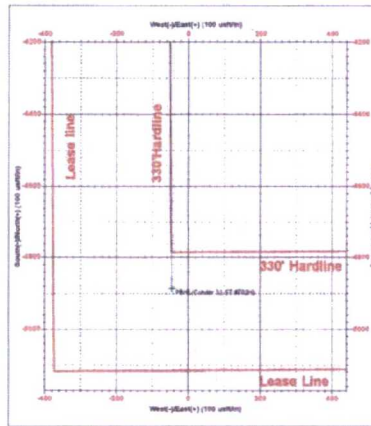
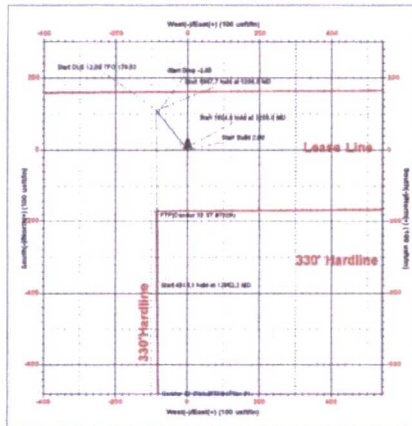
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3200.0	4.00	321.50	3199.8	5.5	-4.3	2.00	321.50	-5.4	
4	5004.6	4.00	321.50	5000.0	104.0	-82.7	0.00	0.00	-103.2	
5	5204.6	0.00	0.00	5199.8	109.4	-87.1	2.00	180.00	-108.6	
6	12202.2	0.00	0.00	12197.5	109.4	-87.1	0.00	0.00	-108.6	
7	12952.2	90.00	179.53	12675.0	-368.0	-83.1	12.00	179.53	368.8	
8	17471.4	90.00	179.53	12675.0	-4887.0	-46.0	0.00	0.00	4887.2	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
TOT 1 (Condor 32 ST #702H)	12624.0	-4289.0	-88.1	399633.40	762387.07
TOT 1 (Condor 32 ST #702H)	12631.0	-1899.4	-75.2	397233.80	762373.81
FTPL(Condor 32 ST #702H)	12676.0	-171.0	-86.0	399662.00	762362.00
PBHL(Condor 32 ST #702H)	12676.0	-4887.0	-46.0	399346.00	762401.00



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Condor 32 State

#702H

OH

Plan: Plan #1

Standard Planning Report

20 July, 2017

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #702H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (H&P 620)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB= 25' @ 3346.0usft (H&P 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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						Condor 32 State	
Site Position:			Northing:	398,833.00 usft	Latitude:	32° 5' 37.225 N	
From:	Map		Easting:	762,418.00 usft	Longitude:	103° 29' 9.456 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °	

Well	#702H					
Well Position	+N/-S	0.0 usft	Northing:	398,833.00 usft	Latitude:	32° 5' 37.222 N
	+E/-W	29.0 usft	Easting:	762,447.00 usft	Longitude:	103° 29' 9.119 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	0.0 usft	Ground Level:	3,321.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/16/2015	7.10	59.98	48,059.11941238

Design	Plan #1			
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	180.54

Plan Survey Tool Program	Date 7/20/2017			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,470.6 Plan #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	
3,200.0	4.00	321.50	3,199.8	5.5	-4.3	2.00	2.00	0.00	321.50	
5,004.6	4.00	321.50	5,000.0	104.0	-82.7	0.00	0.00	0.00	0.00	
5,204.6	0.00	0.00	5,199.8	109.4	-87.1	2.00	-2.00	0.00	180.00	
12,202.2	0.00	0.00	12,197.5	109.4	-87.1	0.00	0.00	0.00	0.00	
12,952.2	90.00	179.53	12,675.0	-368.0	-83.1	12.00	12.00	23.94	179.53	
17,471.4	90.00	179.53	12,675.0	-4,887.0	-46.0	0.00	0.00	0.00	0.00	PBHL(Condor 32 ST ;

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #702H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (H&P 620)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB= 25' @ 3346.0usft (H&P 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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	321.50	3,100.0	1.4	-1.1	-1.4	2.00	2.00	0.00	
3,200.0	4.00	321.50	3,199.8	5.5	-4.3	-5.4	2.00	2.00	0.00	
3,300.0	4.00	321.50	3,299.6	10.9	-8.7	-10.8	0.00	0.00	0.00	
3,400.0	4.00	321.50	3,399.4	16.4	-13.0	-16.3	0.00	0.00	0.00	
3,500.0	4.00	321.50	3,499.1	21.8	-17.4	-21.7	0.00	0.00	0.00	
3,600.0	4.00	321.50	3,598.9	27.3	-21.7	-27.1	0.00	0.00	0.00	
3,700.0	4.00	321.50	3,698.6	32.8	-26.1	-32.5	0.00	0.00	0.00	
3,800.0	4.00	321.50	3,798.4	38.2	-30.4	-37.9	0.00	0.00	0.00	
3,900.0	4.00	321.50	3,898.1	43.7	-34.7	-43.3	0.00	0.00	0.00	
4,000.0	4.00	321.50	3,997.9	49.1	-39.1	-48.8	0.00	0.00	0.00	
4,100.0	4.00	321.50	4,097.6	54.6	-43.4	-54.2	0.00	0.00	0.00	
4,200.0	4.00	321.50	4,197.4	60.1	-47.8	-59.6	0.00	0.00	0.00	
4,300.0	4.00	321.50	4,297.2	65.5	-52.1	-65.0	0.00	0.00	0.00	
4,400.0	4.00	321.50	4,396.9	71.0	-56.5	-70.4	0.00	0.00	0.00	
4,500.0	4.00	321.50	4,496.7	76.4	-60.8	-75.9	0.00	0.00	0.00	
4,600.0	4.00	321.50	4,596.4	81.9	-65.1	-81.3	0.00	0.00	0.00	
4,700.0	4.00	321.50	4,696.2	87.3	-69.5	-86.7	0.00	0.00	0.00	
4,800.0	4.00	321.50	4,795.9	92.8	-73.8	-92.1	0.00	0.00	0.00	
4,900.0	4.00	321.50	4,895.7	98.3	-78.2	-97.5	0.00	0.00	0.00	
5,004.6	4.00	321.50	5,000.0	104.0	-82.7	-103.2	0.00	0.00	0.00	
5,100.0	2.09	321.50	5,095.3	107.9	-85.9	-107.1	2.00	-2.00	0.00	
5,204.6	0.00	0.00	5,199.8	109.4	-87.1	-108.6	2.00	-2.00	0.00	
5,300.0	0.00	0.00	5,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00	

Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Condor 32 State
 Well: #702H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference:
 TVD Reference: KB= 25' @ 3346.0usft (H&P 620)
 MD Reference: KB= 25' @ 3346.0usft (H&P 620)
 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)
5,400.0	0.00	0.00	5,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
5,900.0	0.00	0.00	5,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,100.0	0.00	0.00	6,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,195.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,100.0	0.00	0.00	7,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,195.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,195.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,800.0	0.00	0.00	8,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
8,900.0	0.00	0.00	8,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,000.0	0.00	0.00	8,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,100.0	0.00	0.00	9,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,200.0	0.00	0.00	9,195.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,300.0	0.00	0.00	9,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,600.0	0.00	0.00	9,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,700.0	0.00	0.00	9,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,800.0	0.00	0.00	9,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
9,900.0	0.00	0.00	9,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,000.0	0.00	0.00	9,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,100.0	0.00	0.00	10,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,200.0	0.00	0.00	10,195.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,300.0	0.00	0.00	10,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,400.0	0.00	0.00	10,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,500.0	0.00	0.00	10,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,600.0	0.00	0.00	10,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,700.0	0.00	0.00	10,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00

Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Condor 32 State
Well: #702H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Well #702H
KB= 25' @ 3346.0usft (H&P 620)
KB= 25' @ 3346.0usft (H&P 620)
Grid
Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,800.0	0.00	0.00	10,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
10,900.0	0.00	0.00	10,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,000.0	0.00	0.00	10,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,100.0	0.00	0.00	11,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,200.0	0.00	0.00	11,195.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,300.0	0.00	0.00	11,295.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,400.0	0.00	0.00	11,395.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,500.0	0.00	0.00	11,495.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,600.0	0.00	0.00	11,595.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,700.0	0.00	0.00	11,695.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,800.0	0.00	0.00	11,795.3	109.4	-87.1	-108.6	0.00	0.00	0.00
11,900.0	0.00	0.00	11,895.3	109.4	-87.1	-108.6	0.00	0.00	0.00
12,000.0	0.00	0.00	11,995.3	109.4	-87.1	-108.6	0.00	0.00	0.00
12,100.0	0.00	0.00	12,095.3	109.4	-87.1	-108.6	0.00	0.00	0.00
12,202.2	0.00	0.00	12,197.5	109.4	-87.1	-108.6	0.00	0.00	0.00
12,225.0	2.73	179.53	12,220.3	108.9	-87.0	-108.1	12.00	12.00	0.00
12,250.0	5.73	179.53	12,245.2	107.0	-87.0	-106.2	12.00	12.00	0.00
12,275.0	8.73	179.53	12,270.0	103.9	-87.0	-103.1	12.00	12.00	0.00
12,300.0	11.73	179.53	12,294.6	99.5	-87.0	-98.6	12.00	12.00	0.00
12,325.0	14.73	179.53	12,318.9	93.7	-86.9	-92.9	12.00	12.00	0.00
12,350.0	17.73	179.53	12,342.9	86.8	-86.9	-85.9	12.00	12.00	0.00
12,375.0	20.73	179.53	12,366.5	78.5	-86.8	-77.7	12.00	12.00	0.00
12,400.0	23.73	179.53	12,389.7	69.1	-86.7	-68.2	12.00	12.00	0.00
12,425.0	26.73	179.53	12,412.3	58.4	-86.6	-57.6	12.00	12.00	0.00
12,450.0	29.73	179.53	12,434.3	46.6	-86.5	-45.8	12.00	12.00	0.00
12,475.0	32.73	179.53	12,455.7	33.6	-86.4	-32.8	12.00	12.00	0.00
12,500.0	35.73	179.53	12,476.3	19.6	-86.3	-18.7	12.00	12.00	0.00
12,525.0	38.73	179.53	12,496.2	4.4	-86.2	-3.6	12.00	12.00	0.00
12,550.0	41.73	179.53	12,515.3	-11.7	-86.1	12.5	12.00	12.00	0.00
12,575.0	44.73	179.53	12,533.5	-28.8	-85.9	29.6	12.00	12.00	0.00
12,600.0	47.73	179.53	12,550.8	-46.9	-85.8	47.7	12.00	12.00	0.00
12,625.0	50.73	179.53	12,567.2	-65.8	-85.6	66.6	12.00	12.00	0.00
12,650.0	53.73	179.53	12,582.5	-85.6	-85.4	86.4	12.00	12.00	0.00
12,675.0	56.73	179.53	12,596.7	-106.1	-85.3	106.9	12.00	12.00	0.00
12,700.0	59.73	179.53	12,609.9	-127.4	-85.1	128.2	12.00	12.00	0.00
12,725.0	62.73	179.53	12,621.9	-149.3	-84.9	150.1	12.00	12.00	0.00
12,750.0	65.73	179.53	12,632.8	-171.8	-84.7	172.6	12.00	12.00	0.00
12,775.0	68.73	179.53	12,642.5	-194.8	-84.6	195.6	12.00	12.00	0.00
12,800.0	71.73	179.53	12,650.9	-218.4	-84.4	219.1	12.00	12.00	0.00
12,825.0	74.73	179.53	12,658.1	-242.3	-84.2	243.1	12.00	12.00	0.00
12,850.0	77.73	179.53	12,664.1	-266.6	-84.0	267.4	12.00	12.00	0.00
12,875.0	80.73	179.53	12,668.7	-291.1	-83.8	291.9	12.00	12.00	0.00
12,900.0	83.73	179.53	12,672.1	-315.9	-83.6	316.7	12.00	12.00	0.00
12,925.0	86.73	179.53	12,674.2	-340.8	-83.4	341.6	12.00	12.00	0.00
12,952.2	90.00	179.53	12,675.0	-368.0	-83.1	368.8	12.00	12.00	0.00
13,000.0	90.00	179.53	12,675.0	-415.8	-82.7	416.5	0.00	0.00	0.00
13,100.0	90.00	179.53	12,675.0	-515.8	-81.9	516.5	0.00	0.00	0.00
13,200.0	90.00	179.53	12,675.0	-615.8	-81.1	616.5	0.00	0.00	0.00
13,300.0	90.00	179.53	12,675.0	-715.8	-80.3	716.5	0.00	0.00	0.00
13,400.0	90.00	179.53	12,675.0	-815.8	-79.4	816.5	0.00	0.00	0.00
13,500.0	90.00	179.53	12,675.0	-915.8	-78.6	916.5	0.00	0.00	0.00
13,600.0	90.00	179.53	12,675.0	-1,015.8	-77.8	1,016.5	0.00	0.00	0.00
13,700.0	90.00	179.53	12,675.0	-1,115.8	-77.0	1,116.4	0.00	0.00	0.00
13,800.0	90.00	179.53	12,675.0	-1,215.8	-76.2	1,216.4	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #702H
Company:	EOG Resources - Midland	TVD Reference:	KB= 25' @ 3346.0usft (H&P 620)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB= 25' @ 3346.0usft (H&P 620)
Site:	Condor 32 State	North Reference:	Grid
Well:	#702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
13,900.0	90.00	179.53	12,675.0	-1,315.8	-75.3	1,316.4	0.00	0.00	0.00
14,000.0	90.00	179.53	12,675.0	-1,415.8	-74.5	1,416.4	0.00	0.00	0.00
14,100.0	90.00	179.53	12,675.0	-1,515.8	-73.7	1,516.4	0.00	0.00	0.00
14,200.0	90.00	179.53	12,675.0	-1,615.7	-72.9	1,616.4	0.00	0.00	0.00
14,300.0	90.00	179.53	12,675.0	-1,715.7	-72.1	1,716.3	0.00	0.00	0.00
14,400.0	90.00	179.53	12,675.0	-1,815.7	-71.2	1,816.3	0.00	0.00	0.00
14,500.0	90.00	179.53	12,675.0	-1,915.7	-70.4	1,916.3	0.00	0.00	0.00
14,600.0	90.00	179.53	12,675.0	-2,015.7	-69.6	2,016.3	0.00	0.00	0.00
14,700.0	90.00	179.53	12,675.0	-2,115.7	-68.8	2,116.3	0.00	0.00	0.00
14,800.0	90.00	179.53	12,675.0	-2,215.7	-67.9	2,216.3	0.00	0.00	0.00
14,900.0	90.00	179.53	12,675.0	-2,315.7	-67.1	2,316.3	0.00	0.00	0.00
15,000.0	90.00	179.53	12,675.0	-2,415.7	-66.3	2,416.2	0.00	0.00	0.00
15,100.0	90.00	179.53	12,675.0	-2,515.7	-65.5	2,516.2	0.00	0.00	0.00
15,200.0	90.00	179.53	12,675.0	-2,615.7	-64.7	2,616.2	0.00	0.00	0.00
15,300.0	90.00	179.53	12,675.0	-2,715.7	-63.8	2,716.2	0.00	0.00	0.00
15,400.0	90.00	179.53	12,675.0	-2,815.7	-63.0	2,816.2	0.00	0.00	0.00
15,500.0	90.00	179.53	12,675.0	-2,915.7	-62.2	2,916.2	0.00	0.00	0.00
15,600.0	90.00	179.53	12,675.0	-3,015.7	-61.4	3,016.1	0.00	0.00	0.00
15,700.0	90.00	179.53	12,675.0	-3,115.7	-60.6	3,116.1	0.00	0.00	0.00
15,800.0	90.00	179.53	12,675.0	-3,215.7	-59.7	3,216.1	0.00	0.00	0.00
15,900.0	90.00	179.53	12,675.0	-3,315.7	-58.9	3,316.1	0.00	0.00	0.00
16,000.0	90.00	179.53	12,675.0	-3,415.7	-58.1	3,416.1	0.00	0.00	0.00
16,100.0	90.00	179.53	12,675.0	-3,515.7	-57.3	3,516.1	0.00	0.00	0.00
16,200.0	90.00	179.53	12,675.0	-3,615.7	-56.4	3,616.1	0.00	0.00	0.00
16,300.0	90.00	179.53	12,675.0	-3,715.7	-55.6	3,716.0	0.00	0.00	0.00
16,400.0	90.00	179.53	12,675.0	-3,815.7	-54.8	3,816.0	0.00	0.00	0.00
16,500.0	90.00	179.53	12,675.0	-3,915.7	-54.0	3,916.0	0.00	0.00	0.00
16,600.0	90.00	179.53	12,675.0	-4,015.7	-53.2	4,016.0	0.00	0.00	0.00
16,700.0	90.00	179.53	12,675.0	-4,115.7	-52.3	4,116.0	0.00	0.00	0.00
16,800.0	90.00	179.53	12,675.0	-4,215.7	-51.5	4,216.0	0.00	0.00	0.00
16,900.0	90.00	179.53	12,675.0	-4,315.7	-50.7	4,315.9	0.00	0.00	0.00
17,000.0	90.00	179.53	12,675.0	-4,415.7	-49.9	4,415.9	0.00	0.00	0.00
17,100.0	90.00	179.53	12,675.0	-4,515.7	-49.1	4,515.9	0.00	0.00	0.00
17,200.0	90.00	179.53	12,675.0	-4,615.6	-48.2	4,615.9	0.00	0.00	0.00
17,300.0	90.00	179.53	12,675.0	-4,715.6	-47.4	4,715.9	0.00	0.00	0.00
17,400.0	90.00	179.53	12,675.0	-4,815.6	-46.6	4,815.9	0.00	0.00	0.00
17,471.4	90.00	179.53	12,675.0	-4,887.0	-46.0	4,887.2	0.00	0.00	0.00

Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Condor 32 State
 Well: #702H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB= 25' @ 3346.0usft (H&P 620)
 MD Reference: KB= 25' @ 3346.0usft (H&P 620)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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
TGT 2 (Condor 32 ST #7 - plan misses target center by 51.0usft at 15883.9usft MD (12675.0 TVD, -3299.6 N, -59.0 E) - Point	0.00	0.00	12,624.0	-3,299.6	-59.1	395,533.40	762,387.87	32° 5' 4.576 N	103° 29' 10.108 W
TGT 1 (Condor 32 ST #7 - plan misses target center by 44.0usft at 14183.6usft MD (12675.0 TVD, -1599.4 N, -73.0 E) - Point	0.00	0.00	12,631.0	-1,599.4	-73.2	397,233.60	762,373.81	32° 5' 21.401 N	103° 29' 10.116 W
PBHL(Condor 32 ST #7 - plan hits target center - Point	0.00	0.00	12,675.0	-4,887.0	-46.0	393,946.00	762,401.00	32° 4' 48.867 N	103° 29' 10.100 W
FTP(Condor 32 ST #702 - plan misses target center by 39.1usft at 12765.6usft MD (12639.0 TVD, -186.1 N, -84.6 E) - Point	0.00	0.00	12,675.0	-171.0	-85.0	398,662.00	762,362.00	32° 5' 35.537 N	103° 29' 10.123 W