

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ **AMENDED REPORT**

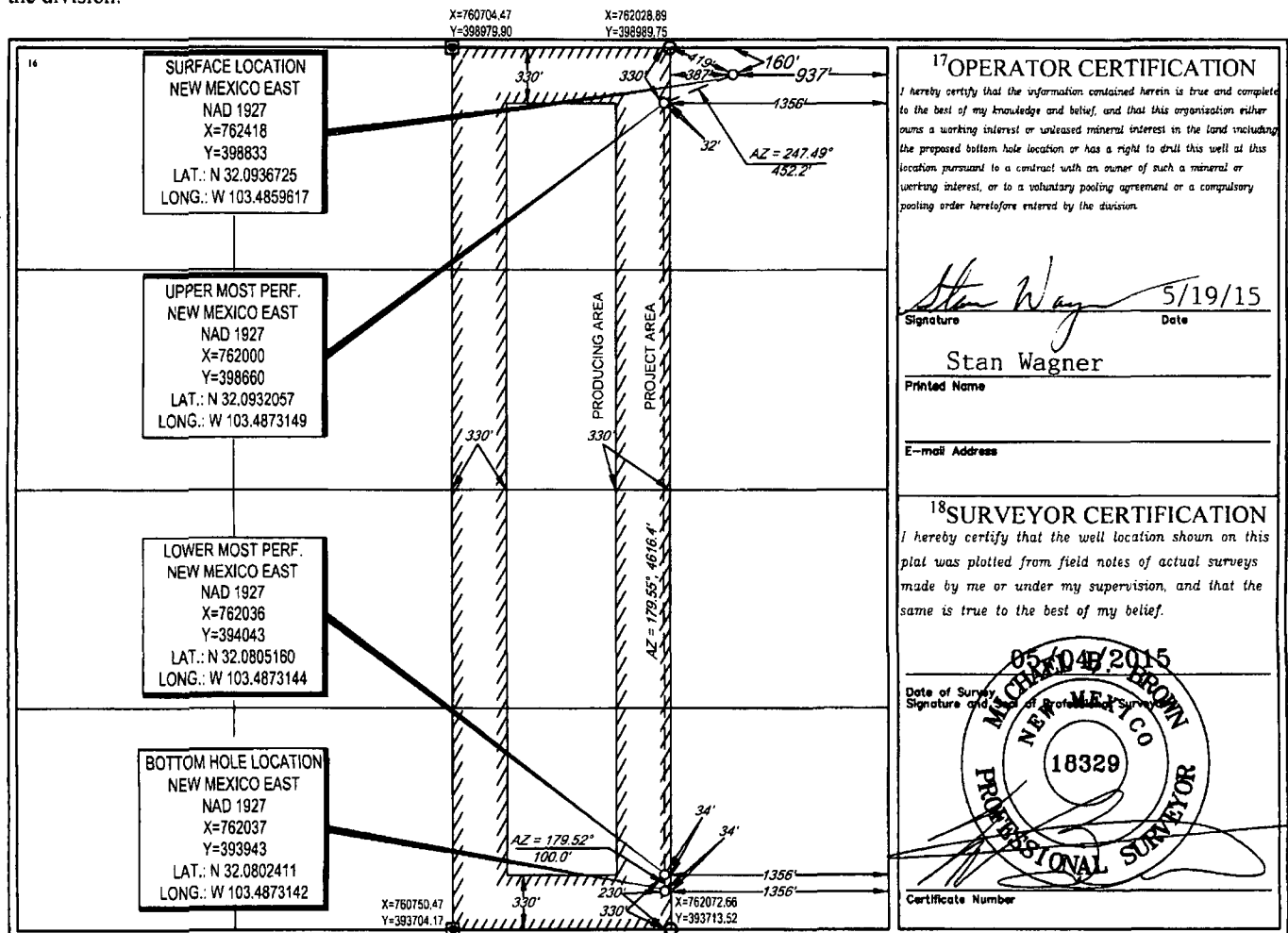
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 42580		² Pool Code 98094	³ Pool Name WC-025 G-09 S253336D; Upper Wolfcamp	
⁴ Property Code 39673	⁵ Property Name CONDOR 32 STATE		⁶ Well Number #701H	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3321'	

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	32	25-S	34-E	-	160'	NORTH	937'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	25-S	34-E	-	230'	SOUTH	1356'	EAST	LEA
¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code			¹⁵ Order No.				

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



S:\SURVEY\EOG MIDLAND\CONDOR 32 STATE\FINAL PRODUCTS\SILO CONDOR32STATE 701H REV5.DWG 5/8/2015 11:24:37 AM ccaston

MAY 21 2015

Permit Information:

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 & 1356' FEL, Section 32, T-25-S, R-34-E, Lea Co., N.M.

HOBBS OCD

MAY 19 2015

RECEIVED

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 - 930'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4000' - 5100'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'-17,335'	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)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,100'	800	12.7	2.22	Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
17,335'	375	10.8	3.67	60:40:0 Class C + 15.0 pps BA-90 + 4% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.55% R-21 + 8.0 pps LCM-1 (TOC @ 4600')
	400	11.8	2.38	50:50:10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.40% SMS + 2.0% Salt + 0.30% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake
	1400	14.2	1.28	50:50:2 Class H + 0.65% FL-52 + 0.45% CD-32 + 0.10% SMS + 2.0% Salt

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 930'	Fresh - Gel	8.6-8.8	28-34	N/c
930' - 5,100'	Oil Base	8.7-9.4	58-68	N/c - 6
5,100' - 12,000'	Oil Base	8.7-9.4	58-68	N/c - 6
12,000' - 17,335' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

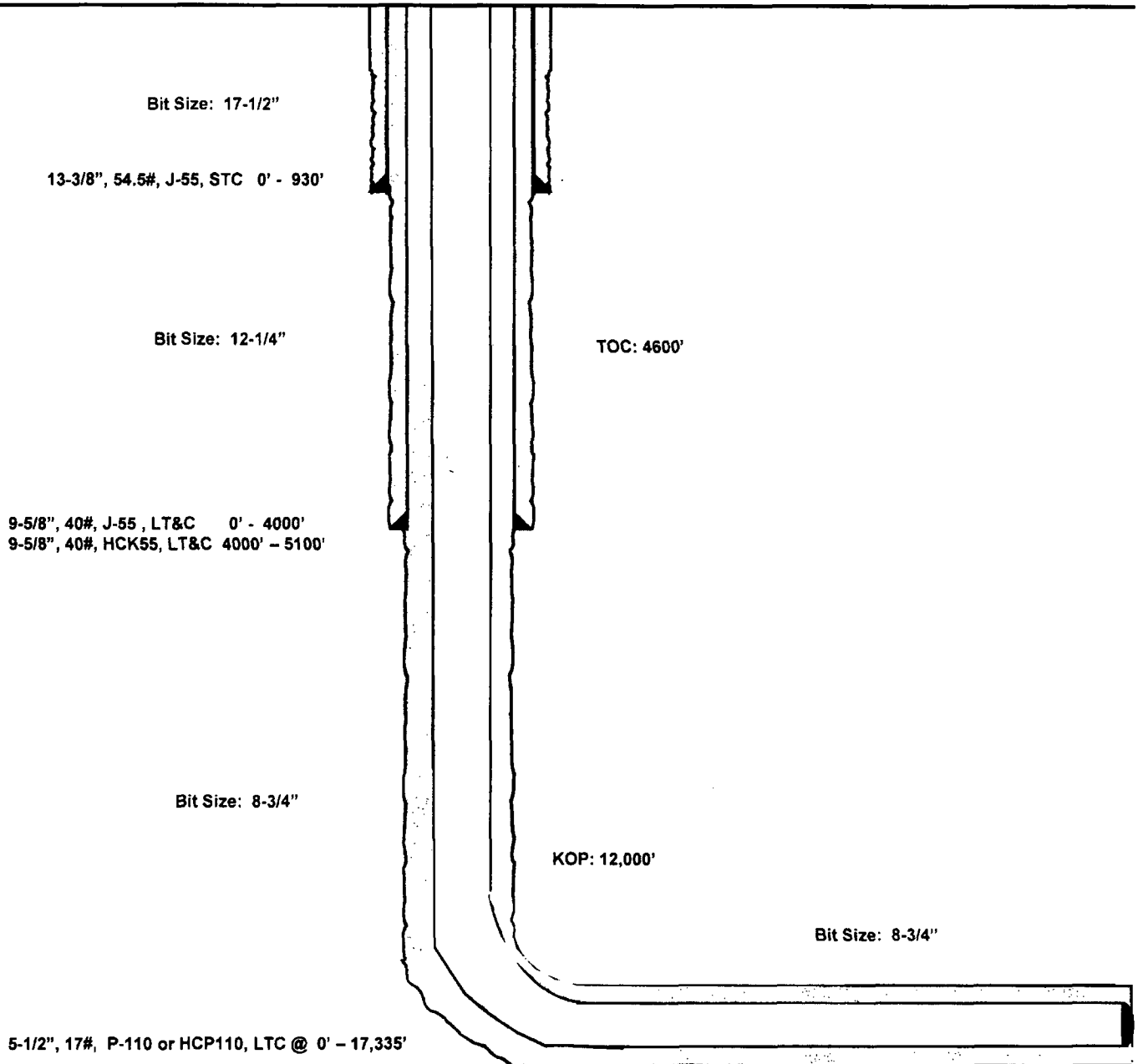
Condor 32 State #701H
Lea County, New Mexico

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

Proposed Wellbore

API: 30-025-

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



Lateral: 17,335' MD, 12,570' TVD

BH Location: 230' FSL & 1356' FEL
Section 32
T-25-S, R-34-E



Lea County, NM (NAD 27 NME)

Condor 32 State #701H

H&P 260

Plan #1

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Etiopold: Clark 1968
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #701H

Ground Level: 3321.0
KB = 25 @ 3346.0 surf (H&P 260)
Northing: 398833.00 Easting: 762418.00 Latitude: 32° 5' 37.225 N Longitude: 103° 29' 5.458 W



Azimuths to Grid North
True North: -0.45°
Magnetic North: 5.66°
Magnetic Field
Strength: 48068.71 nT
Dip Angle: 59.68°
Date: 7/26/2015
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction: Add 5.96°
To convert a Magnetic Direction to a True Direction: Add 7.11° East
To convert a True Direction to a Grid Direction: Subtract 0.45°

SECTION DETAILS

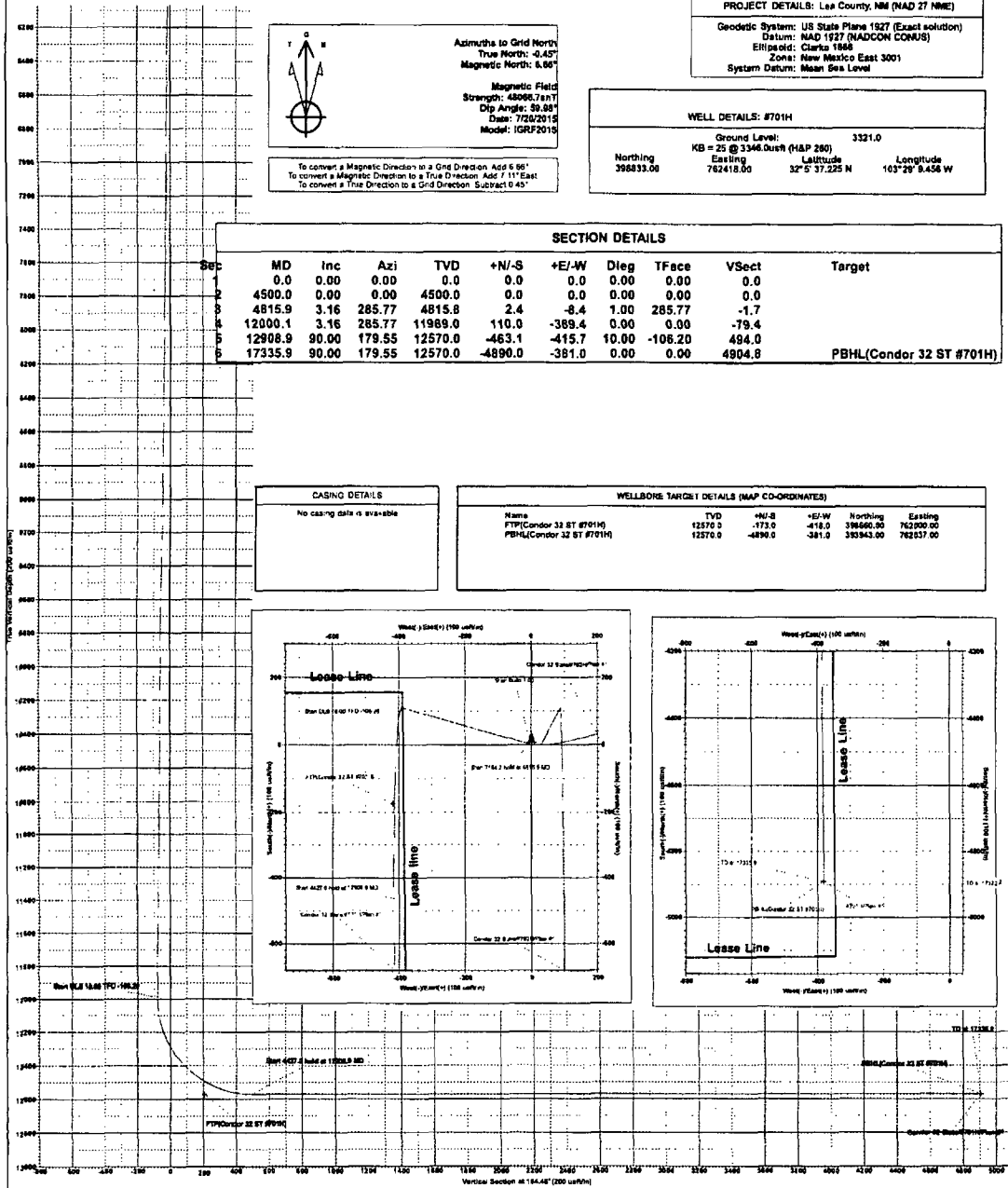
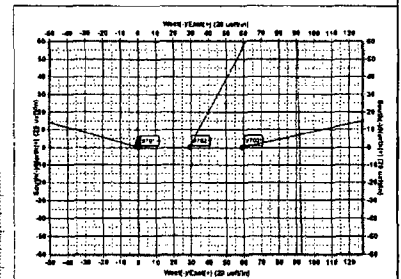
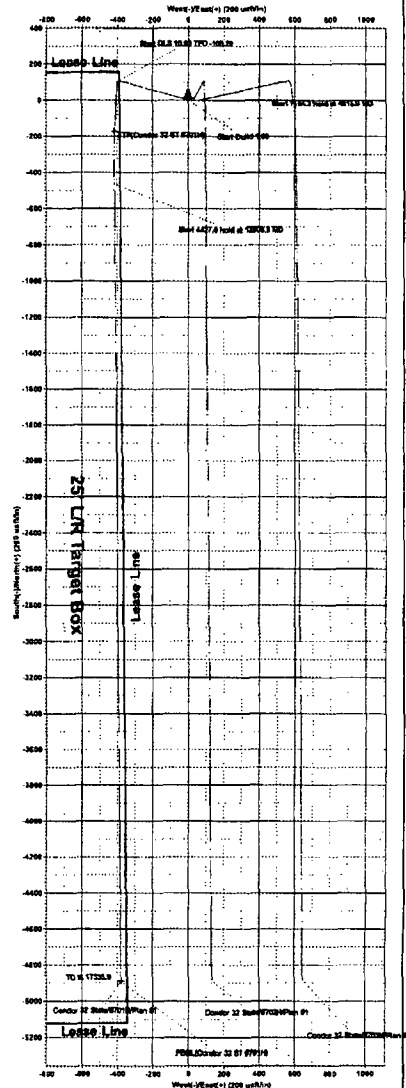
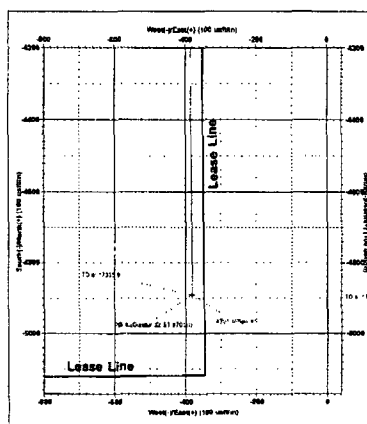
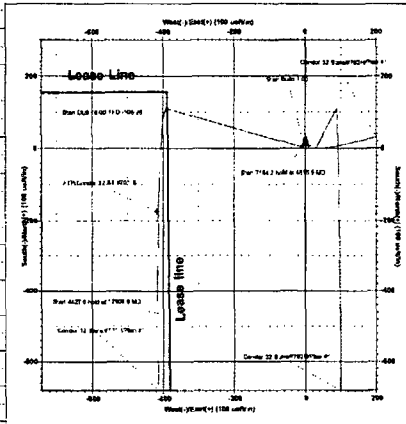
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Deg	TFace	VSecl	Target
1	0.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	4815.9	3.16	285.77	4815.8	2.4	-8.4	1.00	285.77	-1.7	
4	12000.1	3.16	285.77	11989.0	110.0	-369.4	0.00	0.00	-79.4	
5	12908.9	90.00	179.55	12570.0	-483.1	-415.7	10.00	-108.20	494.0	
6	17335.9	90.00	179.55	12570.0	-4890.0	-381.0	0.00	0.00	4904.8	PBHL(Condor 32 ST #701H)

CASINO DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PTP(Condor 32 ST #701H)	12570.0	-173.0	-418.0	398860.00	762300.00
PBHL(Condor 32 ST #701H)	12570.0	-4890.0	-381.0	398943.00	762537.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Condor 32 State

#701H

OH

Plan: Plan #1

Standard Planning Report

19 May, 2015



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Condor 32 State
Well: #701H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3346.0usft (H&P 260)
MD Reference: KB = 25 @ 3346.0usft (H&P 260)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	#701H			
Well Position	+N/-S	0.0 usft	Northing: 398,833.00 usft	Latitude: 32° 5' 37.225 N
	+E/-W	0.0 usft	Easting: 762,418.00 usft	Longitude: 103° 29' 9.456 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	7/20/2015	7.11	59.98	48,067

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	184.46

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,815.9	3.16	285.77	4,815.8	2.4	-8.4	1.00	1.00	0.00	285.77	
12,000.1	3.16	285.77	11,989.0	110.0	-389.4	0.00	0.00	0.00	0.00	
12,908.9	90.00	179.55	12,570.0	-463.1	-415.7	10.00	9.56	-11.69	-106.20	
17,335.9	90.00	179.55	12,570.0	-4,890.0	-381.0	0.00	0.00	0.00	0.00	PBHL(Condor 32 ST ;



EOG Resources, Inc.

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MD Reference: KB = 25 @ 3346.0usft (H&P 260)
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)
0.0	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	285.77	4,600.0	0.2	-0.8	-0.2	1.00	1.00	0.00
4,700.0	2.00	285.77	4,700.0	0.9	-3.4	-0.7	1.00	1.00	0.00
4,800.0	3.00	285.77	4,799.9	2.1	-7.6	-1.5	1.00	1.00	0.00
4,815.9	3.16	285.77	4,815.8	2.4	-8.4	-1.7	1.00	1.00	0.00
4,900.0	3.16	285.77	4,899.7	3.6	-12.8	-2.6	0.00	0.00	0.00
5,000.0	3.16	285.77	4,999.6	5.1	-18.1	-3.7	0.00	0.00	0.00
5,100.0	3.16	285.77	5,099.4	6.6	-23.4	-4.8	0.00	0.00	0.00
5,200.0	3.16	285.77	5,199.3	8.1	-28.8	-5.9	0.00	0.00	0.00



EOG Resources, Inc.

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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	3.16	285.77	5,299.1	9.6	-34.1	-6.9	0.00	0.00	0.00
5,400.0	3.16	285.77	5,399.0	11.1	-39.4	-8.0	0.00	0.00	0.00
5,500.0	3.16	285.77	5,498.8	12.6	-44.7	-9.1	0.00	0.00	0.00
5,600.0	3.16	285.77	5,598.6	14.1	-50.0	-10.2	0.00	0.00	0.00
5,700.0	3.16	285.77	5,698.5	15.6	-55.3	-11.3	0.00	0.00	0.00
5,800.0	3.16	285.77	5,798.3	17.1	-60.6	-12.3	0.00	0.00	0.00
5,900.0	3.16	285.77	5,898.2	18.6	-65.9	-13.4	0.00	0.00	0.00
6,000.0	3.16	285.77	5,998.0	20.1	-71.2	-14.5	0.00	0.00	0.00
6,100.0	3.16	285.77	6,097.9	21.6	-76.5	-15.6	0.00	0.00	0.00
6,200.0	3.16	285.77	6,197.7	23.1	-81.8	-16.7	0.00	0.00	0.00
6,300.0	3.16	285.77	6,297.6	24.6	-87.1	-17.8	0.00	0.00	0.00
6,400.0	3.16	285.77	6,397.4	26.1	-92.4	-18.8	0.00	0.00	0.00
6,500.0	3.16	285.77	6,497.3	27.6	-97.7	-19.9	0.00	0.00	0.00
6,600.0	3.16	285.77	6,597.1	29.1	-103.0	-21.0	0.00	0.00	0.00
6,700.0	3.16	285.77	6,697.0	30.6	-108.3	-22.1	0.00	0.00	0.00
6,800.0	3.16	285.77	6,796.8	32.1	-113.6	-23.2	0.00	0.00	0.00
6,900.0	3.16	285.77	6,896.7	33.6	-118.9	-24.2	0.00	0.00	0.00
7,000.0	3.16	285.77	6,996.5	35.1	-124.2	-25.3	0.00	0.00	0.00
7,100.0	3.16	285.77	7,096.4	36.6	-129.5	-26.4	0.00	0.00	0.00
7,200.0	3.16	285.77	7,196.2	38.1	-134.8	-27.5	0.00	0.00	0.00
7,300.0	3.16	285.77	7,296.1	39.6	-140.1	-28.6	0.00	0.00	0.00
7,400.0	3.16	285.77	7,395.9	41.1	-145.4	-29.7	0.00	0.00	0.00
7,500.0	3.16	285.77	7,495.8	42.6	-150.7	-30.7	0.00	0.00	0.00
7,600.0	3.16	285.77	7,595.6	44.1	-156.0	-31.8	0.00	0.00	0.00
7,700.0	3.16	285.77	7,695.5	45.6	-161.4	-32.9	0.00	0.00	0.00
7,800.0	3.16	285.77	7,795.3	47.1	-166.7	-34.0	0.00	0.00	0.00
7,900.0	3.16	285.77	7,895.2	48.6	-172.0	-35.1	0.00	0.00	0.00
8,000.0	3.16	285.77	7,995.0	50.1	-177.3	-36.1	0.00	0.00	0.00
8,100.0	3.16	285.77	8,094.8	51.6	-182.6	-37.2	0.00	0.00	0.00
8,200.0	3.16	285.77	8,194.7	53.1	-187.9	-38.3	0.00	0.00	0.00
8,300.0	3.16	285.77	8,294.5	54.6	-193.2	-39.4	0.00	0.00	0.00
8,400.0	3.16	285.77	8,394.4	56.1	-198.5	-40.5	0.00	0.00	0.00
8,500.0	3.16	285.77	8,494.2	57.5	-203.8	-41.5	0.00	0.00	0.00
8,600.0	3.16	285.77	8,594.1	59.0	-209.1	-42.6	0.00	0.00	0.00
8,700.0	3.16	285.77	8,693.9	60.5	-214.4	-43.7	0.00	0.00	0.00
8,800.0	3.16	285.77	8,793.8	62.0	-219.7	-44.8	0.00	0.00	0.00
8,900.0	3.16	285.77	8,893.6	63.5	-225.0	-45.9	0.00	0.00	0.00
9,000.0	3.16	285.77	8,993.5	65.0	-230.3	-47.0	0.00	0.00	0.00
9,100.0	3.16	285.77	9,093.3	66.5	-235.6	-48.0	0.00	0.00	0.00
9,200.0	3.16	285.77	9,193.2	68.0	-240.9	-49.1	0.00	0.00	0.00
9,300.0	3.16	285.77	9,293.0	69.5	-246.2	-50.2	0.00	0.00	0.00
9,400.0	3.16	285.77	9,392.9	71.0	-251.5	-51.3	0.00	0.00	0.00
9,500.0	3.16	285.77	9,492.7	72.5	-256.8	-52.4	0.00	0.00	0.00
9,600.0	3.16	285.77	9,592.6	74.0	-262.1	-53.4	0.00	0.00	0.00
9,700.0	3.16	285.77	9,692.4	75.5	-267.4	-54.5	0.00	0.00	0.00
9,800.0	3.16	285.77	9,792.3	77.0	-272.7	-55.6	0.00	0.00	0.00
9,900.0	3.16	285.77	9,892.1	78.5	-278.0	-56.7	0.00	0.00	0.00
10,000.0	3.16	285.77	9,992.0	80.0	-283.3	-57.8	0.00	0.00	0.00
10,100.0	3.16	285.77	10,091.8	81.5	-288.6	-58.8	0.00	0.00	0.00
10,200.0	3.16	285.77	10,191.7	83.0	-293.9	-59.9	0.00	0.00	0.00
10,300.0	3.16	285.77	10,291.5	84.5	-299.3	-61.0	0.00	0.00	0.00
10,400.0	3.16	285.77	10,391.4	86.0	-304.6	-62.1	0.00	0.00	0.00
10,500.0	3.16	285.77	10,491.2	87.5	-309.9	-63.2	0.00	0.00	0.00
10,600.0	3.16	285.77	10,591.0	89.0	-315.2	-64.3	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Condor 32 State
Well: #701H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3346.0usft (H&P 260)
MD Reference: KB = 25 @ 3346.0usft (H&P 260)
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)
10,700.0	3.16	285.77	10,690.9	90.5	-320.5	-85.3	0.00	0.00	0.00
10,800.0	3.16	285.77	10,790.7	92.0	-325.8	-86.4	0.00	0.00	0.00
10,900.0	3.16	285.77	10,890.6	93.5	-331.1	-87.5	0.00	0.00	0.00
11,000.0	3.16	285.77	10,990.4	95.0	-336.4	-88.6	0.00	0.00	0.00
11,100.0	3.16	285.77	11,090.3	96.5	-341.7	-89.7	0.00	0.00	0.00
11,200.0	3.16	285.77	11,190.1	98.0	-347.0	-90.7	0.00	0.00	0.00
11,300.0	3.16	285.77	11,290.0	99.5	-352.3	-91.8	0.00	0.00	0.00
11,400.0	3.16	285.77	11,389.8	101.0	-357.6	-92.9	0.00	0.00	0.00
11,500.0	3.16	285.77	11,489.7	102.5	-362.9	-94.0	0.00	0.00	0.00
11,600.0	3.16	285.77	11,589.5	104.0	-368.2	-95.1	0.00	0.00	0.00
11,700.0	3.16	285.77	11,689.4	105.5	-373.5	-96.1	0.00	0.00	0.00
11,800.0	3.16	285.77	11,789.2	107.0	-378.8	-97.2	0.00	0.00	0.00
11,900.0	3.16	285.77	11,889.1	108.5	-384.1	-98.3	0.00	0.00	0.00
12,000.1	3.16	285.77	11,989.0	110.0	-389.4	-99.4	0.00	0.00	0.00
12,050.0	5.10	215.95	12,038.8	108.6	-392.1	-77.8	10.00	3.90	-139.97
12,100.0	9.59	197.82	12,088.4	102.8	-394.6	-71.8	10.00	8.98	-36.25
12,150.0	14.42	191.44	12,137.3	92.7	-397.1	-61.6	10.00	9.66	-12.76
12,200.0	19.34	188.24	12,185.1	78.4	-399.6	-47.1	10.00	9.83	-6.41
12,250.0	24.29	186.30	12,231.5	60.0	-401.9	-28.6	10.00	9.90	-3.88
12,300.0	29.25	184.98	12,276.2	37.6	-404.1	-6.1	10.00	9.93	-2.63
12,350.0	34.22	184.02	12,318.7	11.4	-406.1	20.2	10.00	9.95	-1.92
12,400.0	39.20	183.28	12,358.7	-18.5	-408.0	50.1	10.00	9.96	-1.49
12,450.0	44.19	182.68	12,396.1	-51.7	-409.7	83.3	10.00	9.97	-1.20
12,500.0	49.18	182.17	12,430.4	-88.0	-411.3	119.7	10.00	9.97	-1.00
12,550.0	54.16	181.74	12,461.4	-127.2	-412.6	158.9	10.00	9.98	-0.86
12,600.0	59.15	181.36	12,488.8	-168.9	-413.7	200.6	10.00	9.98	-0.76
12,642.2	63.37	181.07	12,509.1	-205.9	-414.5	237.5	10.00	9.98	-0.69
FTP(Condor 32 ST #701H)									
12,650.0	64.15	181.02	12,512.6	-212.9	-414.6	244.5	10.00	9.98	-0.66
12,700.0	69.14	180.71	12,532.4	-258.8	-415.3	290.3	10.00	9.98	-0.63
12,750.0	74.13	180.41	12,548.1	-306.2	-415.8	337.6	10.00	9.98	-0.59
12,800.0	79.12	180.13	12,559.7	-354.9	-416.0	386.1	10.00	9.99	-0.56
12,850.0	84.11	179.86	12,567.0	-404.3	-416.0	435.4	10.00	9.99	-0.54
12,900.0	89.11	179.60	12,569.9	-454.2	-415.8	485.1	10.00	9.99	-0.53
12,908.9	90.00	179.55	12,570.0	-463.1	-415.7	494.0	10.00	9.99	-0.53
13,000.0	90.00	179.55	12,570.0	-554.2	-415.0	584.8	0.00	0.00	0.00
13,100.0	90.00	179.55	12,570.0	-654.2	-414.2	684.4	0.00	0.00	0.00
13,200.0	90.00	179.55	12,570.0	-754.2	-413.4	784.0	0.00	0.00	0.00
13,300.0	90.00	179.55	12,570.0	-854.2	-412.7	883.7	0.00	0.00	0.00
13,400.0	90.00	179.55	12,570.0	-954.2	-411.9	983.3	0.00	0.00	0.00
13,500.0	90.00	179.55	12,570.0	-1,054.2	-411.1	1,082.9	0.00	0.00	0.00
13,600.0	90.00	179.55	12,570.0	-1,154.2	-410.3	1,182.6	0.00	0.00	0.00
13,700.0	90.00	179.55	12,570.0	-1,254.2	-409.5	1,282.2	0.00	0.00	0.00
13,800.0	90.00	179.55	12,570.0	-1,354.2	-408.7	1,381.8	0.00	0.00	0.00
13,900.0	90.00	179.55	12,570.0	-1,454.2	-408.0	1,481.5	0.00	0.00	0.00
14,000.0	90.00	179.55	12,570.0	-1,554.2	-407.2	1,581.1	0.00	0.00	0.00
14,100.0	90.00	179.55	12,570.0	-1,654.2	-406.4	1,680.7	0.00	0.00	0.00
14,200.0	90.00	179.55	12,570.0	-1,754.2	-405.6	1,780.4	0.00	0.00	0.00
14,300.0	90.00	179.55	12,570.0	-1,854.2	-404.8	1,880.0	0.00	0.00	0.00
14,400.0	90.00	179.55	12,570.0	-1,954.2	-404.0	1,979.6	0.00	0.00	0.00
14,500.0	90.00	179.55	12,570.0	-2,054.1	-403.2	2,079.3	0.00	0.00	0.00
14,600.0	90.00	179.55	12,570.0	-2,154.1	-402.5	2,178.9	0.00	0.00	0.00
14,700.0	90.00	179.55	12,570.0	-2,254.1	-401.7	2,278.5	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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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)
14,800.0	90.00	179.55	12,570.0	-2,354.1	-400.9	2,378.2	0.00	0.00	0.00
14,900.0	90.00	179.55	12,570.0	-2,454.1	-400.1	2,477.8	0.00	0.00	0.00
15,000.0	90.00	179.55	12,570.0	-2,554.1	-399.3	2,577.4	0.00	0.00	0.00
15,100.0	90.00	179.55	12,570.0	-2,654.1	-398.5	2,677.1	0.00	0.00	0.00
15,200.0	90.00	179.55	12,570.0	-2,754.1	-397.8	2,776.7	0.00	0.00	0.00
15,300.0	90.00	179.55	12,570.0	-2,854.1	-397.0	2,876.3	0.00	0.00	0.00
15,400.0	90.00	179.55	12,570.0	-2,954.1	-396.2	2,976.0	0.00	0.00	0.00
15,500.0	90.00	179.55	12,570.0	-3,054.1	-395.4	3,075.6	0.00	0.00	0.00
15,600.0	90.00	179.55	12,570.0	-3,154.1	-394.6	3,175.2	0.00	0.00	0.00
15,700.0	90.00	179.55	12,570.0	-3,254.1	-393.8	3,274.9	0.00	0.00	0.00
15,800.0	90.00	179.55	12,570.0	-3,354.1	-393.0	3,374.5	0.00	0.00	0.00
15,900.0	90.00	179.55	12,570.0	-3,454.1	-392.3	3,474.1	0.00	0.00	0.00
16,000.0	90.00	179.55	12,570.0	-3,554.1	-391.5	3,573.8	0.00	0.00	0.00
16,100.0	90.00	179.55	12,570.0	-3,654.1	-390.7	3,673.4	0.00	0.00	0.00
16,200.0	90.00	179.55	12,570.0	-3,754.1	-389.9	3,773.0	0.00	0.00	0.00
16,300.0	90.00	179.55	12,570.0	-3,854.1	-389.1	3,872.7	0.00	0.00	0.00
16,400.0	90.00	179.55	12,570.0	-3,954.1	-388.3	3,972.3	0.00	0.00	0.00
16,500.0	90.00	179.55	12,570.0	-4,054.1	-387.6	4,071.9	0.00	0.00	0.00
16,600.0	90.00	179.55	12,570.0	-4,154.1	-386.8	4,171.6	0.00	0.00	0.00
16,700.0	90.00	179.55	12,570.0	-4,254.1	-386.0	4,271.2	0.00	0.00	0.00
16,800.0	90.00	179.55	12,570.0	-4,354.1	-385.2	4,370.8	0.00	0.00	0.00
16,900.0	90.00	179.55	12,570.0	-4,454.1	-384.4	4,470.5	0.00	0.00	0.00
17,000.0	90.00	179.55	12,570.0	-4,554.1	-383.6	4,570.1	0.00	0.00	0.00
17,100.0	90.00	179.55	12,570.0	-4,654.1	-382.9	4,669.7	0.00	0.00	0.00
17,200.0	90.00	179.55	12,570.0	-4,754.1	-382.1	4,769.4	0.00	0.00	0.00
17,300.0	90.00	179.55	12,570.0	-4,854.1	-381.3	4,869.0	0.00	0.00	0.00
17,335.9	90.00	179.55	12,570.0	-4,890.0	-381.0	4,904.8	0.00	0.00	0.00

PBHL(Condor 32 ST #701H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP(Condor 32 ST #701	0.00	0.00	12,570.0	-173.0	-418.0	398,660.00	762,000.00	32° 5' 35.545 N	103° 29' 14.331 W
- hit/miss target									
- Shape									
- plan misses target center by 69.3usft at 12642.2usft MD (12509.1 TVD, -205.9 N, -414.5 E)									
- Point									
PBHL(Condor 32 ST #701H)	0.00	0.00	12,570.0	-4,890.0	-381.0	393,943.00	762,037.00	32° 4' 48.865 N	103° 29' 14.331 W
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

**EOG RESOURCES, INC.
CONDOR 32 STATE #701H**

MAY 19 2015

RECEIVED

Hydrogen Sulfide Plan Summary

- A. All personnel shall receive proper H₂S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:
- Well control equipment
 - a. Flare line 150' from wellhead to be ignited by flare gun.
 - b. Choke manifold with a remotely operated choke.
 - c. Mud/gas separator
 - Protective equipment for essential personnel.
 - Breathing apparatus:
 - a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
 - b. Work/Escape packs — 4 packs shall be stored on the rig floor th sufficient air hose not to restrict work activity.
 - c. Emergency Escape Packs — 4 packs shall be stored in the doghouse for emergency evacuation.
 - Auxiliary Rescue Equipment:
 - a. Stretcher
 - b. Two OSHA full body harness
 - c. 100 ft 5/8 inch OSHA approved rope
 - d. 1-20# class ABC fire extinguisher
 - H₂S detection and monitoring equipment:
 - The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.
(Gas sample tubes will be stored in the safety trailer)
 - Visual warning systems:
 - a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
 - b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
 - c. Two wind socks will be placed in strategic locations, visible from all angles.

EOG RESOURCES, INC.
CONDOR 32 STATE #701H

- **Mud program:**
The mud program has been designed to minimize the volume of H₂S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H₂S bearing zones.
- **Metallurgy:**
All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.
- **Communication:**
Communication will be via cell phones and land lines where available.

**EOG RESOURCES, INC.
CONDOR 32 STATE #701H**

Emergency Assistance Telephone List

PUBLIC SAFETY: **911 or**

Lea County Sheriff's Department (575) 396-3611

Rod Coffman

Fire Department:

Carlsbad (575) 885-3125

Artesia (575) 746-5050

Hospitals:

Carlsbad (575) 887-4121

Artesia (575) 748-3333

Hobbs (575) 392-1979

Dept. of Public Safety/Carlsbad (575) 748-9718

Highway Department (575) 885-3281

New Mexico Oil Conservation (575) 476-3440

U.S. Dept. of Labor (575) 887-1174

EOG Resources, Inc.

EOG / Midland Office (432) 686-3600

Company Drilling Consultants:

Jett Dueitt Cell (432) 230-4840

Blake Burney

Drilling Engineer

Robert Brosig Office (432) 686-3737

Cell (432) 770-0705

Drilling Manager

Heath Work Office (432) 686-6716

Cell (903) 780-1179

Drilling Superintendent

Jason Richey Office (432) 686-3665

Cell (817) 879-6521

H&P Drilling

H&P Drilling Office (432) 563-5757

H&P 415 Drilling Rig Rig (432) 230-4840

Tool Pusher:

Johnathan Craig Cell (817) 760-6374

Brad Garrett

Safety

Reggie Phillips (HSE Manager) Office (432) 686-3747

Cell (432) 250-7507