

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM115425

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2**AUG 16 2018****RECEIVED**

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
FUNKY MONKS 8 FED COM 602H9. API Well No.
30-025-44838-00-X110. Field and Pool or Exploratory Area
ANTELOPE RIDGE-STRAWN

11. County or Parish, State

LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG Resources requests an amendment to our approved APD for this well to reflect a change in BHL.

Change BHL to: 100' FSL & 1100' FWL SWSW-17-23S-35E

Carlsbad Field Office
OCD Hobbs

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #429112 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/02/2018 (18PP1574SE)**

Name (Printed/Typed) STAN WAGNER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/30/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By /s/Zota Stevens**Petroleum Engineer**
Carlsbad Field OfficeDate 8-14-18

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED *****KZ*
Requires NSC

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44838	² Pool Code 2205	³ Pool Name Antelope Ridge; Bone Spring North
⁴ Property Code 321455	⁵ Property Name FUNKY MONKS 8 FED COM	⁶ Well Number #602H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3363'

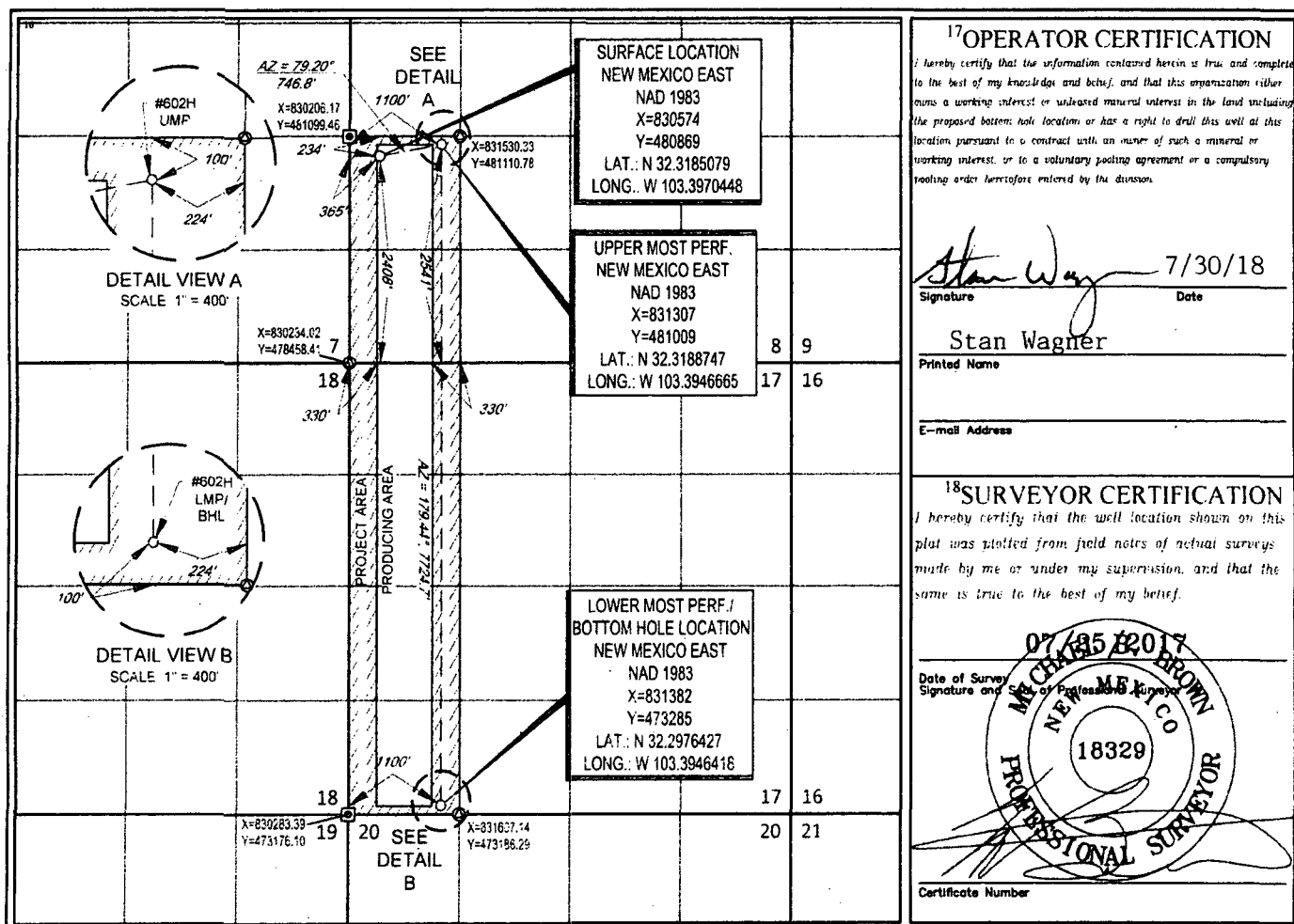
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	8	23-S	35-E	-	2408'	SOUTH	365'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	17	23-S	35-E	-	100'	SOUTH	1100'	WEST	LEA

¹² Dedicated Acres 240.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.



Intent ☒ As Drilled ☐

API # 30-025-44838			
Operator Name: EOG Resources, Inc.		Property Name: Funky Monks 8 Fed Com	Well Number 602H

Kick Off Point (KOP)

UL L	Section 8	Township 23S	Range 35E	Lot	Feet	From N/S	Feet	From E/W	County Lea
Latitude					Longitude				NAD

First Take Point (FTP)

UL L	Section 8	Township 23S	Range 35E	Lot	Feet 100	From N/S North	Feet 1100	From E/W West	County Lea
Latitude N 32.3188747					Longitude W -103.3946665				NAD 83

Last Take Point (LTP)

UL M	Section 17	Township 23S	Range 35E	Lot	Feet 100	From N/S South	Feet 1100	From E/W West	County Lea
Latitude N 32.2976427					Longitude W -103.3946418				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ No

Is this well an infill well? ☐ Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-44837			
Operator Name: EOG Resources, Inc.		Property Name: Funky Monks 8 Fed Com	Well Number 601H

KZ 06/29/2018

Revised Permit Information 7/25/18:

Well Name: Funky Monks 8 Fed Com No. 602H

Location:

SL: 2408' FSL & 365' FWL, Section 8, T-23-S, R-35-E, Lea Co., N.M.

BHL: 100' FSL & 1100' FWL, Section 17, T-23-S, R-35-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 – 1,705'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0 – 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
12.25"	4,000' – 5,800'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'–18,882'	5.5"	20#	HCP-110	BTC	1.125	1.25	1.60

Variance is requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Mix Water Gal/sk	Slurry Description
13-3/8" 1,705'	1075	13.5	1.74	9.17	Class C + 4% Gel + 2% CaCl ₂ + 0.25 pps Celloflake (TOC @ Surface)
	385	14.8	1.34	6.35	Class C + 2.0% CaCl ₂
9-5/8" 5,800' DV Tool w/ ECP @ 4,000'	235	12.7	1.90	9.96	Stage 1 Lead: 35:65 Poz:Class C + 3.0% Salt + 6.0% Gel + 0.4% CPT-20 + 0.5% CPT-45 (TOC @ 4,000')
	200	14.8	1.33	6.32	Stage 1 Tail: Class C + 0.2% CPT-19
	785	12.7	1.90	9.96	Stage 2 Lead: 35:65 Poz:Class C + 3.0% Salt + 6.0% Gel + 0.5% CPT-45 + 0.2% CPT-20 (TOC @ Surface)
	100	14.8	1.33	6.32	Stage 2 Tail: Class C + 0.2% CPT-19
5-1/2" 18,882'	220	11.0	3.21	19.24	50:50 Poz:H + 5.0% Salt + 3.0% CPT-45 + 0.4% CPT-503P + 1.0% CPT-19 + 5.0% Gypsum + 0.15% CPT-20 + 0.15% Citric Acid (TOC @ 5,300')
	850	14.4	1.20	4.81	50:50 Poz:H + 0.25% CPT-503P + 0.8% CPT-16A + 0.2% CPT-35 + 0.4% CPT-39 + 0.25% CPT-20

Mud Program:

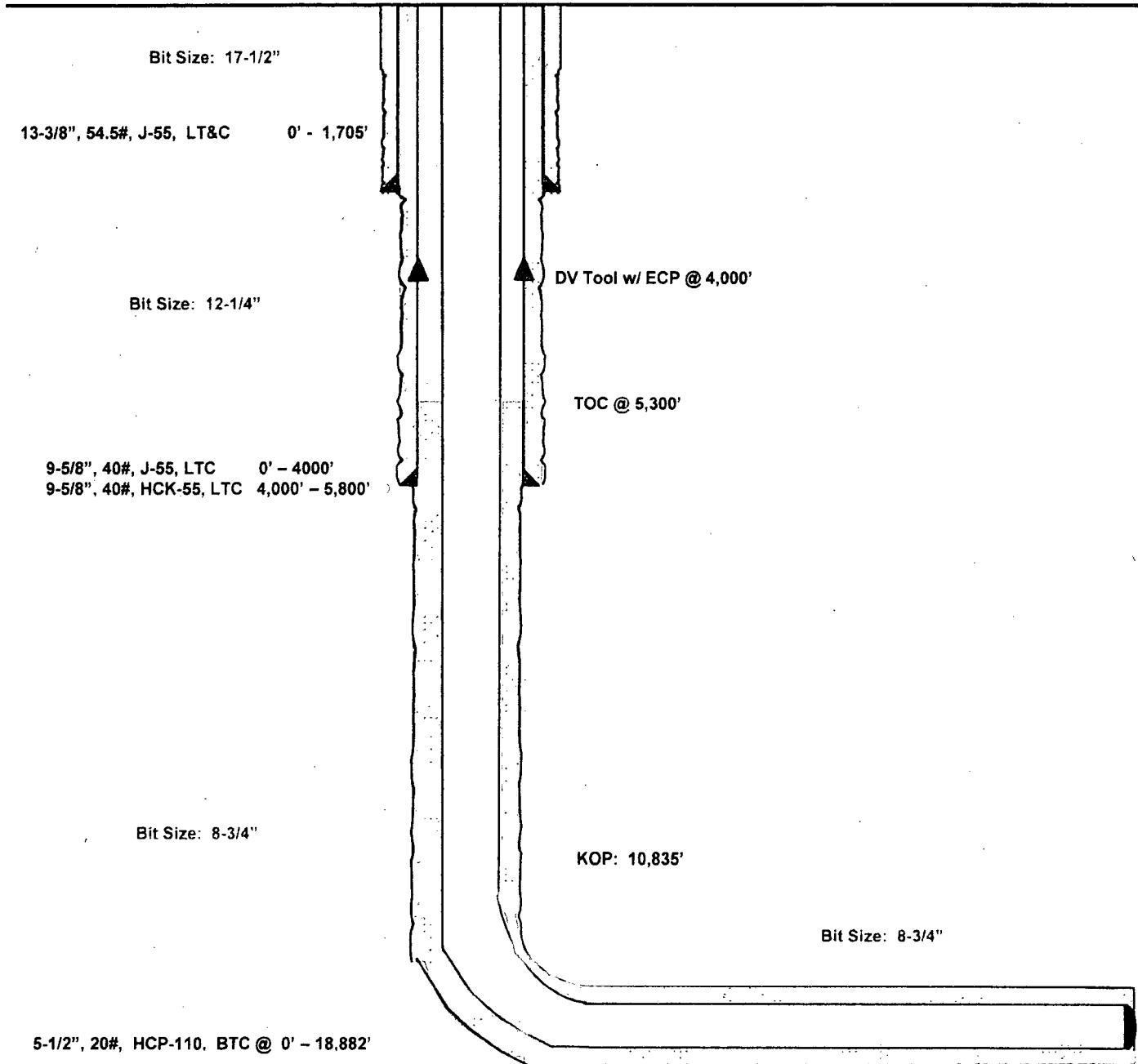
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,705'	Fresh - Gel	8.6-8.8	28-34	N/c
1,705' – 5,800'	Fresh-Gel	8.6-8.8	28-34	N/c
5,800' – 18,882' Lateral	Oil Base	8.8-9.0	58-68	N/c - 6

Funky Monks 8 Fed Com #602H

2408' FSL
365' FWL
Section 8
T-23-S, R-35-E

Lea County, New Mexico
Proposed Wellbore
Revised 7/25/18
API: 30-025-44838

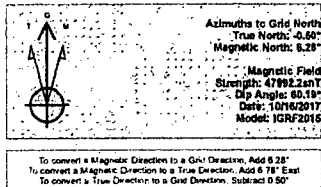
KB: 3,388'
GL: 3,363'



Lateral: 18,882' MD, 11,275' TVD
Upper Most Perf:
2541' FSL & 1100' FWL Sec. 8
Lower Most Perf:
100' FSL & 1100' FWL Sec. 17
BH Location: 100' FSL & 1100' FWL
Section 17
T-23-S, R-35-E



Lea County, NM (NAD 83 NME)
 Funky Monks 8 Fed Com #602H
 Plan #0.2



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: #602H

KB= 25' @ 3388.0usft	3363.0
Northings	Eastings
480869.00	830574.00
Latitude	Longitude
32° 19' 6.628 N	103° 23' 49.358 W

SECTION DETAILS

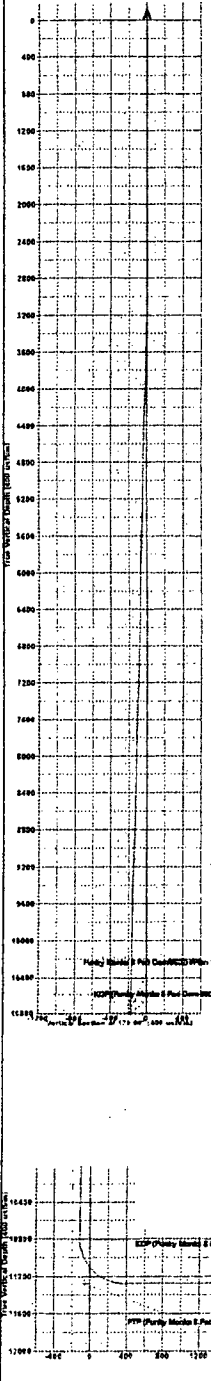
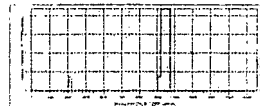
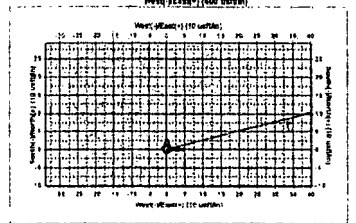
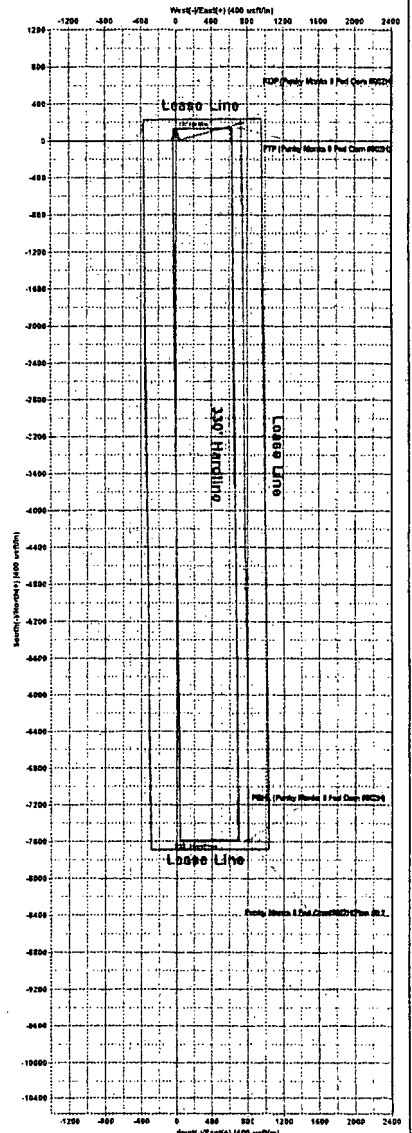
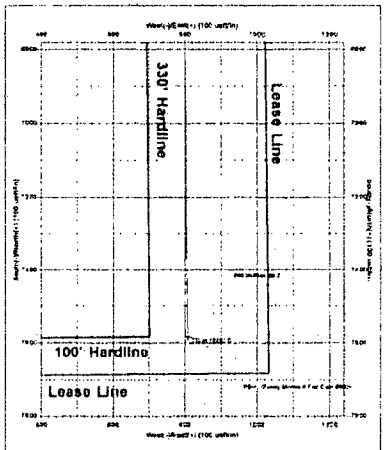
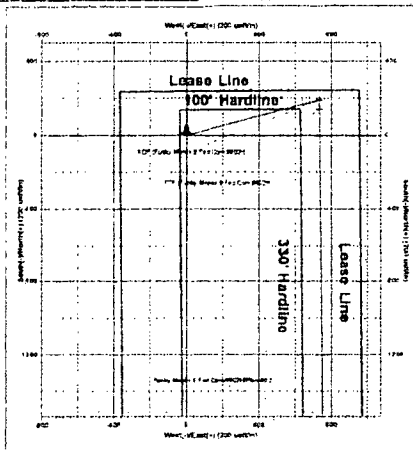
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3287.9	5.76	75.47	3287.4	3.6	14.0	2.00	75.47	-2.1	
10547.2	5.76	75.47	10510.1	186.4	719.0	0.00	0.00	-109.2	
10835.1	0.00	0.07	10797.5	190.0	733.0	2.00	180.00	-111.3	KOP (Funky Monks 8 Fed Com #602H)
11585.1	90.00	179.45	11275.0	-287.4	737.6	12.00	179.45	364.0	
18882.0	90.00	179.45	11275.0	-7584.0	808.0	0.00	0.00	7626.9	PBHL (Funky Monks 8 Fed Com #602H)

CASING DETAILS

No casing data is included

WELLBORE TARGET DETAILS (MAP COORDINATES)

Name	TVD	+N/-S	+E/-W	Northings	Eastings
KOP (Funky Monks 8 Fed Com #602H)	10797.5	190.0	733.0	481068.00	831307.00
PBHL (Funky Monks 8 Fed Com #602H)	11275.0	-7684.0	808.0	473286.00	831382.00
FTP (Funky Monks 8 Fed Com #602H)	11275.0	146.0	733.0	481069.00	831307.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Funky Monks 8 Fed Com

#602H

OH

Plan: Plan #0.2

Standard Planning Report

25 July, 2018

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Funky Monks 8 Fed Com
 Well: #602H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #602H
 TVD Reference: KB= 25' @ 3388.0usft
 MD Reference: KB= 25' @ 3388.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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	Funky Monks 8 Fed Com		
Site Position:	From: Map	Northing: 480,869.00 usft	Latitude: 32° 19' 6.632 N
		Easting: 830,539.00 usft	Longitude: 103° 23' 49.764 W
Position Uncertainty:	0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.50 "

Well	#602H		
Well Position	+N/-S 0.0 usft	Northing: 480,869.00 usft	Latitude: 32° 19' 6.629 N
	+E/-W 35.0 usft	Easting: 830,574.00 usft	Longitude: 103° 23' 49.356 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 3,363.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/16/2017	6.78	60.19	47,992.19709698

Design	Plan #0.2			
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	173.92

Plan Survey Tool Program		Date 7/25/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1 0.0	18.882.0	Plan #0.2 (OH)	MWD	
OWSG 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	
3,287.9	5.76	75.47	3,287.4	3.6	14.0	2.00	2.00	0.00	75.47	
10,547.2	5.76	75.47	10,510.1	186.4	719.0	0.00	0.00	0.00	0.00	
10,835.1	0.00	0.07	10,797.5	190.0	733.0	2.00	-2.00	0.00	180.00	KOP (Funky Monks 8
11,585.1	90.00	179.45	11,275.0	-287.4	737.6	12.00	12.00	23.92	179.45	
18,882.0	90.00	179.45	11,275.0	-7,584.0	808.0	0.00	0.00	0.00	0.00	PBHL (Funky Monks 1

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Funky Monks 8 Fed Com
Well: #602H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference: Well #602H
TVD Reference: KB= 25' @ 3388.0usft
MD Reference: KB= 25' @ 3388.0usft
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	2.00	75.47	3,100.0	0.4	1.7	-0.3	2.00	2.00	0.00	
3,200.0	4.00	75.47	3,199.8	1.8	6.8	-1.0	2.00	2.00	0.00	
3,287.9	5.76	75.47	3,287.4	3.6	14.0	-2.1	2.00	2.00	0.00	
3,300.0	5.76	75.47	3,299.5	3.9	15.2	-2.3	0.00	0.00	0.00	
3,400.0	5.76	75.47	3,398.9	6.4	24.9	-3.8	0.00	0.00	0.00	
3,500.0	5.76	75.47	3,498.4	9.0	34.6	-5.3	0.00	0.00	0.00	
3,600.0	5.76	75.47	3,597.9	11.5	44.3	-6.7	0.00	0.00	0.00	
3,700.0	5.76	75.47	3,697.4	14.0	54.0	-8.2	0.00	0.00	0.00	
3,800.0	5.76	75.47	3,796.9	16.5	63.7	-9.7	0.00	0.00	0.00	
3,900.0	5.76	75.47	3,896.4	19.0	73.4	-11.1	0.00	0.00	0.00	
4,000.0	5.76	75.47	3,995.9	21.6	83.2	-12.6	0.00	0.00	0.00	
4,100.0	5.76	75.47	4,095.4	24.1	92.9	-14.1	0.00	0.00	0.00	
4,200.0	5.76	75.47	4,194.9	26.6	102.6	-15.6	0.00	0.00	0.00	
4,300.0	5.76	75.47	4,294.4	29.1	112.3	-17.0	0.00	0.00	0.00	
4,400.0	5.76	75.47	4,393.9	31.6	122.0	-18.5	0.00	0.00	0.00	
4,500.0	5.76	75.47	4,493.4	34.1	131.7	-20.0	0.00	0.00	0.00	
4,600.0	5.76	75.47	4,592.9	36.7	141.4	-21.5	0.00	0.00	0.00	
4,700.0	5.76	75.47	4,692.4	39.2	151.1	-22.9	0.00	0.00	0.00	
4,800.0	5.76	75.47	4,791.9	41.7	160.8	-24.4	0.00	0.00	0.00	
4,900.0	5.76	75.47	4,891.4	44.2	170.6	-25.9	0.00	0.00	0.00	
5,000.0	5.76	75.47	4,990.9	46.7	180.3	-27.4	0.00	0.00	0.00	
5,100.0	5.76	75.47	5,090.4	49.2	190.0	-28.8	0.00	0.00	0.00	
5,200.0	5.76	75.47	5,189.9	51.8	199.7	-30.3	0.00	0.00	0.00	



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Funky Monks 8 Fed Com
 Well: #602H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #602H
 TVD Reference: KB= 25' @ 3388.0usft
 MD Reference: KB= 25' @ 3388.0usft
 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)
5,300.0	5.76	75.47	5,289.4	54.3	209.4	-31.8	0.00	0.00	0.00
5,400.0	5.76	75.47	5,388.9	56.8	219.1	-33.3	0.00	0.00	0.00
5,500.0	5.76	75.47	5,488.4	59.3	228.8	-34.7	0.00	0.00	0.00
5,600.0	5.76	75.47	5,587.8	61.8	238.5	-36.2	0.00	0.00	0.00
5,700.0	5.76	75.47	5,687.3	64.3	248.3	-37.7	0.00	0.00	0.00
5,800.0	5.76	75.47	5,786.8	66.9	258.0	-39.2	0.00	0.00	0.00
5,900.0	5.76	75.47	5,886.3	69.4	267.7	-40.6	0.00	0.00	0.00
6,000.0	5.76	75.47	5,985.8	71.9	277.4	-42.1	0.00	0.00	0.00
6,100.0	5.76	75.47	6,085.3	74.4	287.1	-43.6	0.00	0.00	0.00
6,200.0	5.76	75.47	6,184.8	76.9	296.8	-45.1	0.00	0.00	0.00
6,300.0	5.76	75.47	6,284.3	79.5	306.5	-46.5	0.00	0.00	0.00
6,400.0	5.76	75.47	6,383.8	82.0	316.2	-48.0	0.00	0.00	0.00
6,500.0	5.76	75.47	6,483.3	84.5	325.9	-49.5	0.00	0.00	0.00
6,600.0	5.76	75.47	6,582.8	87.0	335.7	-51.0	0.00	0.00	0.00
6,700.0	5.76	75.47	6,682.3	89.5	345.4	-52.4	0.00	0.00	0.00
6,800.0	5.76	75.47	6,781.8	92.0	355.1	-53.9	0.00	0.00	0.00
6,900.0	5.76	75.47	6,881.3	94.6	364.8	-55.4	0.00	0.00	0.00
7,000.0	5.76	75.47	6,980.8	97.1	374.5	-56.9	0.00	0.00	0.00
7,100.0	5.76	75.47	7,080.3	99.6	384.2	-58.3	0.00	0.00	0.00
7,200.0	5.76	75.47	7,179.8	102.1	393.9	-59.8	0.00	0.00	0.00
7,300.0	5.76	75.47	7,279.3	104.6	403.6	-61.3	0.00	0.00	0.00
7,400.0	5.76	75.47	7,378.8	107.1	413.4	-62.8	0.00	0.00	0.00
7,500.0	5.76	75.47	7,478.3	109.7	423.1	-64.2	0.00	0.00	0.00
7,600.0	5.76	75.47	7,577.8	112.2	432.8	-65.7	0.00	0.00	0.00
7,700.0	5.76	75.47	7,677.3	114.7	442.5	-67.2	0.00	0.00	0.00
7,800.0	5.76	75.47	7,776.7	117.2	452.2	-68.6	0.00	0.00	0.00
7,900.0	5.76	75.47	7,876.2	119.7	461.9	-70.1	0.00	0.00	0.00
8,000.0	5.76	75.47	7,975.7	122.2	471.6	-71.6	0.00	0.00	0.00
8,100.0	5.76	75.47	8,075.2	124.8	481.3	-73.1	0.00	0.00	0.00
8,200.0	5.76	75.47	8,174.7	127.3	491.1	-74.5	0.00	0.00	0.00
8,300.0	5.76	75.47	8,274.2	129.8	500.8	-76.0	0.00	0.00	0.00
8,400.0	5.76	75.47	8,373.7	132.3	510.5	-77.5	0.00	0.00	0.00
8,500.0	5.76	75.47	8,473.2	134.8	520.2	-79.0	0.00	0.00	0.00
8,600.0	5.76	75.47	8,572.7	137.4	529.9	-80.4	0.00	0.00	0.00
8,700.0	5.76	75.47	8,672.2	139.9	539.6	-81.9	0.00	0.00	0.00
8,800.0	5.76	75.47	8,771.7	142.4	549.3	-83.4	0.00	0.00	0.00
8,900.0	5.76	75.47	8,871.2	144.9	559.0	-84.9	0.00	0.00	0.00
9,000.0	5.76	75.47	8,970.7	147.4	568.7	-86.3	0.00	0.00	0.00
9,100.0	5.76	75.47	9,070.2	149.9	578.5	-87.8	0.00	0.00	0.00
9,200.0	5.76	75.47	9,169.7	152.5	588.2	-89.3	0.00	0.00	0.00
9,300.0	5.76	75.47	9,269.2	155.0	597.9	-90.8	0.00	0.00	0.00
9,400.0	5.76	75.47	9,368.7	157.5	607.6	-92.2	0.00	0.00	0.00
9,500.0	5.76	75.47	9,468.2	160.0	617.3	-93.7	0.00	0.00	0.00
9,600.0	5.76	75.47	9,567.7	162.5	627.0	-95.2	0.00	0.00	0.00
9,700.0	5.76	75.47	9,667.2	165.0	636.7	-96.7	0.00	0.00	0.00
9,800.0	5.76	75.47	9,766.7	167.6	646.4	-98.1	0.00	0.00	0.00
9,900.0	5.76	75.47	9,866.2	170.1	656.2	-99.6	0.00	0.00	0.00
10,000.0	5.76	75.47	9,965.6	172.6	665.9	-101.1	0.00	0.00	0.00
10,100.0	5.76	75.47	10,065.1	175.1	675.6	-102.6	0.00	0.00	0.00
10,200.0	5.76	75.47	10,164.6	177.6	685.3	-104.0	0.00	0.00	0.00
10,300.0	5.76	75.47	10,264.1	180.2	695.0	-105.5	0.00	0.00	0.00
10,400.0	5.76	75.47	10,363.6	182.7	704.7	-107.0	0.00	0.00	0.00
10,500.0	5.76	75.47	10,463.1	185.2	714.4	-108.5	0.00	0.00	0.00
10,547.2	5.76	75.47	10,510.1	186.4	719.0	-109.2	0.00	0.00	0.00

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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	4.70	75.47	10,562.7	187.6	723.7	-109.9	2.00	-2.00	0.00
10,700.0	2.70	75.47	10,662.5	189.2	729.9	-110.8	2.00	-2.00	0.00
10,800.0	0.70	75.47	10,762.4	189.9	732.8	-111.2	2.00	-2.00	0.00
10,835.1	0.00	0.07	10,797.5	190.0	733.0	-111.3	2.00	-2.00	0.00
KOP (Funky Monks 8 Fed Com #602H)									
10,850.0	1.79	179.45	10,812.4	189.8	733.0	-111.0	12.00	12.00	0.00
10,875.0	4.79	179.45	10,837.4	188.3	733.0	-109.6	12.00	12.00	0.00
10,900.0	7.79	179.45	10,862.2	185.6	733.0	-106.9	12.00	12.00	0.00
10,925.0	10.79	179.45	10,886.9	181.6	733.1	-102.9	12.00	12.00	0.00
10,950.0	13.79	179.45	10,911.3	176.2	733.1	-97.6	12.00	12.00	0.00
10,975.0	16.79	179.45	10,935.4	169.7	733.2	-91.0	12.00	12.00	0.00
11,000.0	19.79	179.45	10,959.1	161.8	733.3	-83.2	12.00	12.00	0.00
11,025.0	22.79	179.45	10,982.4	152.7	733.4	-74.2	12.00	12.00	0.00
11,050.0	25.79	179.45	11,005.2	142.4	733.5	-63.9	12.00	12.00	0.00
11,075.0	28.79	179.45	11,027.4	131.0	733.6	-52.5	12.00	12.00	0.00
11,100.0	31.79	179.45	11,049.0	118.4	733.7	-40.0	12.00	12.00	0.00
11,125.0	34.79	179.45	11,069.9	104.7	733.8	-26.3	12.00	12.00	0.00
11,150.0	37.79	179.45	11,090.1	89.9	734.0	-11.6	12.00	12.00	0.00
11,175.0	40.79	179.45	11,109.4	74.0	734.1	4.1	12.00	12.00	0.00
11,200.0	43.79	179.45	11,127.9	57.2	734.3	20.9	12.00	12.00	0.00
11,225.0	46.79	179.45	11,145.5	39.5	734.5	38.6	12.00	12.00	0.00
11,236.1	48.12	179.45	11,153.0	31.3	734.5	46.7	12.00	12.00	0.00
FTP (Funky Monks 8 Fed Com #602H)									
11,250.0	49.79	179.45	11,162.1	20.8	734.6	57.1	12.00	12.00	0.00
11,275.0	52.79	179.45	11,177.8	1.3	734.8	76.6	12.00	12.00	0.00
11,300.0	55.79	179.45	11,192.3	-19.0	735.0	96.8	12.00	12.00	0.00
11,325.0	58.79	179.45	11,205.9	-40.0	735.2	117.7	12.00	12.00	0.00
11,350.0	61.79	179.45	11,218.2	-61.7	735.4	139.3	12.00	12.00	0.00
11,375.0	64.79	179.45	11,229.5	-84.1	735.6	161.5	12.00	12.00	0.00
11,400.0	67.79	179.45	11,239.5	-107.0	735.9	184.3	12.00	12.00	0.00
11,425.0	70.79	179.45	11,248.4	-130.3	736.1	207.6	12.00	12.00	0.00
11,450.0	73.79	179.45	11,256.0	-154.1	736.3	231.3	12.00	12.00	0.00
11,475.0	76.79	179.45	11,262.3	-178.3	736.6	255.4	12.00	12.00	0.00
11,500.0	79.79	179.45	11,267.4	-202.8	736.8	279.7	12.00	12.00	0.00
11,525.0	82.79	179.45	11,271.2	-227.5	737.0	304.3	12.00	12.00	0.00
11,550.0	85.79	179.45	11,273.7	-252.4	737.3	329.1	12.00	12.00	0.00
11,575.0	88.79	179.45	11,274.9	-277.3	737.5	353.9	12.00	12.00	0.00
11,585.1	90.00	179.45	11,275.0	-287.4	737.6	364.0	12.00	12.00	0.00
11,600.0	90.00	179.45	11,275.0	-302.3	737.7	378.8	0.00	0.00	0.00
11,700.0	90.00	179.45	11,275.0	-402.3	738.7	478.3	0.00	0.00	0.00
11,800.0	90.00	179.45	11,275.0	-502.3	739.7	577.9	0.00	0.00	0.00
11,900.0	90.00	179.45	11,275.0	-602.3	740.6	677.4	0.00	0.00	0.00
12,000.0	90.00	179.45	11,275.0	-702.3	741.6	776.9	0.00	0.00	0.00
12,100.0	90.00	179.45	11,275.0	-802.3	742.6	876.5	0.00	0.00	0.00
12,200.0	90.00	179.45	11,275.0	-902.3	743.5	976.0	0.00	0.00	0.00
12,300.0	90.00	179.45	11,275.0	-1,002.3	744.5	1,075.5	0.00	0.00	0.00
12,400.0	90.00	179.45	11,275.0	-1,102.3	745.5	1,175.1	0.00	0.00	0.00
12,500.0	90.00	179.45	11,275.0	-1,202.3	746.4	1,274.6	0.00	0.00	0.00
12,600.0	90.00	179.45	11,275.0	-1,302.3	747.4	1,374.1	0.00	0.00	0.00
12,700.0	90.00	179.45	11,275.0	-1,402.3	748.4	1,473.7	0.00	0.00	0.00
12,800.0	90.00	179.45	11,275.0	-1,502.3	749.3	1,573.2	0.00	0.00	0.00
12,900.0	90.00	179.45	11,275.0	-1,602.3	750.3	1,672.8	0.00	0.00	0.00
13,000.0	90.00	179.45	11,275.0	-1,702.3	751.3	1,772.3	0.00	0.00	0.00
13,100.0	90.00	179.45	11,275.0	-1,802.3	752.2	1,871.8	0.00	0.00	0.00

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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)
13,200.0	90.00	179.45	11,275.0	-1,902.3	753.2	1,971.4	0.00	0.00	0.00
13,300.0	90.00	179.45	11,275.0	-2,002.3	754.1	2,070.9	0.00	0.00	0.00
13,400.0	90.00	179.45	11,275.0	-2,102.3	755.1	2,170.4	0.00	0.00	0.00
13,500.0	90.00	179.45	11,275.0	-2,202.3	756.1	2,270.0	0.00	0.00	0.00
13,600.0	90.00	179.45	11,275.0	-2,302.3	757.0	2,369.5	0.00	0.00	0.00
13,700.0	90.00	179.45	11,275.0	-2,402.2	758.0	2,469.0	0.00	0.00	0.00
13,800.0	90.00	179.45	11,275.0	-2,502.2	759.0	2,568.6	0.00	0.00	0.00
13,900.0	90.00	179.45	11,275.0	-2,602.2	759.9	2,668.1	0.00	0.00	0.00
14,000.0	90.00	179.45	11,275.0	-2,702.2	760.9	2,767.6	0.00	0.00	0.00
14,100.0	90.00	179.45	11,275.0	-2,802.2	761.9	2,867.2	0.00	0.00	0.00
14,200.0	90.00	179.45	11,275.0	-2,902.2	762.8	2,966.7	0.00	0.00	0.00
14,300.0	90.00	179.45	11,275.0	-3,002.2	763.8	3,066.2	0.00	0.00	0.00
14,400.0	90.00	179.45	11,275.0	-3,102.2	764.8	3,165.8	0.00	0.00	0.00
14,500.0	90.00	179.45	11,275.0	-3,202.2	765.7	3,265.3	0.00	0.00	0.00
14,600.0	90.00	179.45	11,275.0	-3,302.2	766.7	3,364.8	0.00	0.00	0.00
14,700.0	90.00	179.45	11,275.0	-3,402.2	767.7	3,464.4	0.00	0.00	0.00
14,800.0	90.00	179.45	11,275.0	-3,502.2	768.6	3,563.9	0.00	0.00	0.00
14,900.0	90.00	179.45	11,275.0	-3,602.2	769.6	3,663.5	0.00	0.00	0.00
15,000.0	90.00	179.45	11,275.0	-3,702.2	770.6	3,763.0	0.00	0.00	0.00
15,100.0	90.00	179.45	11,275.0	-3,802.2	771.5	3,862.5	0.00	0.00	0.00
15,200.0	90.00	179.45	11,275.0	-3,902.2	772.5	3,962.1	0.00	0.00	0.00
15,300.0	90.00	179.45	11,275.0	-4,002.2	773.4	4,061.6	0.00	0.00	0.00
15,400.0	90.00	179.45	11,275.0	-4,102.2	774.4	4,161.1	0.00	0.00	0.00
15,500.0	90.00	179.45	11,275.0	-4,202.2	775.4	4,260.7	0.00	0.00	0.00
15,600.0	90.00	179.45	11,275.0	-4,302.2	776.3	4,360.2	0.00	0.00	0.00
15,700.0	90.00	179.45	11,275.0	-4,402.2	777.3	4,459.7	0.00	0.00	0.00
15,800.0	90.00	179.45	11,275.0	-4,502.1	778.3	4,559.3	0.00	0.00	0.00
15,900.0	90.00	179.45	11,275.0	-4,602.1	779.2	4,658.8	0.00	0.00	0.00
16,000.0	90.00	179.45	11,275.0	-4,702.1	780.2	4,758.3	0.00	0.00	0.00
16,100.0	90.00	179.45	11,275.0	-4,802.1	781.2	4,857.9	0.00	0.00	0.00
16,200.0	90.00	179.45	11,275.0	-4,902.1	782.1	4,957.4	0.00	0.00	0.00
16,300.0	90.00	179.45	11,275.0	-5,002.1	783.1	5,056.9	0.00	0.00	0.00
16,400.0	90.00	179.45	11,275.0	-5,102.1	784.1	5,156.5	0.00	0.00	0.00
16,500.0	90.00	179.45	11,275.0	-5,202.1	785.0	5,256.0	0.00	0.00	0.00
16,600.0	90.00	179.45	11,275.0	-5,302.1	786.0	5,355.5	0.00	0.00	0.00
16,700.0	90.00	179.45	11,275.0	-5,402.1	787.0	5,455.1	0.00	0.00	0.00
16,800.0	90.00	179.45	11,275.0	-5,502.1	787.9	5,554.6	0.00	0.00	0.00
16,900.0	90.00	179.45	11,275.0	-5,602.1	788.9	5,654.1	0.00	0.00	0.00
17,000.0	90.00	179.45	11,275.0	-5,702.1	789.8	5,753.7	0.00	0.00	0.00
17,100.0	90.00	179.45	11,275.0	-5,802.1	790.6	5,853.2	0.00	0.00	0.00
17,200.0	90.00	179.45	11,275.0	-5,902.1	791.8	5,952.8	0.00	0.00	0.00
17,300.0	90.00	179.45	11,275.0	-6,002.1	792.7	6,052.3	0.00	0.00	0.00
17,400.0	90.00	179.45	11,275.0	-6,102.1	793.7	6,151.8	0.00	0.00	0.00
17,500.0	90.00	179.45	11,275.0	-6,202.1	794.7	6,251.4	0.00	0.00	0.00
17,600.0	90.00	179.45	11,275.0	-6,302.1	795.6	6,350.9	0.00	0.00	0.00
17,700.0	90.00	179.45	11,275.0	-6,402.1	796.6	6,450.4	0.00	0.00	0.00
17,800.0	90.00	179.45	11,275.0	-6,502.1	797.6	6,550.0	0.00	0.00	0.00
17,900.0	90.00	179.45	11,275.0	-6,602.1	798.5	6,649.5	0.00	0.00	0.00
18,000.0	90.00	179.45	11,275.0	-6,702.0	799.5	6,749.0	0.00	0.00	0.00
18,100.0	90.00	179.45	11,275.0	-6,802.0	800.5	6,848.6	0.00	0.00	0.00
18,200.0	90.00	179.45	11,275.0	-6,902.0	801.4	6,948.1	0.00	0.00	0.00
18,300.0	90.00	179.45	11,275.0	-7,002.0	802.4	7,047.6	0.00	0.00	0.00
18,400.0	90.00	179.45	11,275.0	-7,102.0	803.4	7,147.2	0.00	0.00	0.00
18,500.0	90.00	179.45	11,275.0	-7,202.0	804.3	7,246.7	0.00	0.00	0.00

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Funky Monks 8 Fed Com
 Well: #602H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #602H
 TVD Reference: KB= 25' @ 3388.0usft
 MD Reference: KB= 25' @ 3388.0usft
 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)
18,600.0	90.00	179.45	11,275.0	-7,302.0	805.3	7,346.2	0.00	0.00	0.00
18,700.0	90.00	179.45	11,275.0	-7,402.0	806.2	7,445.8	0.00	0.00	0.00
18,800.0	90.00	179.45	11,275.0	-7,502.0	807.2	7,545.3	0.00	0.00	0.00
18,882.0	90.00	179.45	11,275.0	-7,584.0	808.0	7,626.9	0.00	0.00	0.00

PBHL (Funky Monks 8 Fed Com #602H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
KOP (Funky Monks 8 Fe - plan hits target center - Point	0.00	0.07	10,797.5	190.0	733.0	481,059.00	831,307.00	32° 19' 8.445 N	103° 23' 40.795 W
PBHL (Funky Monks 8 F - plan hits target center - Point	0.00	0.07	11,275.0	-7,584.0	808.0	473,285.00	831,382.00	32° 17' 51.518 N	103° 23' 40.715 W
FTP (Funky Monks 8 Fe - plan misses target center by 163.4usft at 11236.1usft MD (11153.0 TVD, 31.3 N, 734.5 E) - Point	0.00	0.07	11,275.0	140.0	733.0	481,009.00	831,307.00	32° 19' 7.950 N	103° 23' 40.800 W