



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Wild Weasel 22 Fed Com

#712H

OH

Plan: Plan #0.1

Standard Planning Report

30 August, 2018

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #712H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3368.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3368.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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		Wild Weasel 22 Fed Com			
Site Position:		Northing:	409,434.00 usft	Latitude:	32° 7' 21.137 N
From:	Map	Easting:	814,510.00 usft	Longitude:	103° 27' 3.375 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47 °

Well	#712H					
Well Position	+N/-S	8.0 usft	Northing:	409,442.00 usft	Latitude:	32° 7' 21.488 N
	+E/-W	-3,366.0 usft	Easting:	811,144.00 usft	Longitude:	103° 27' 42.512 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,343.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/28/2018	6.77	59.97	47,766.92005056

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)	Direction (°)
	0.0	0.0	0.0	180.06

Plan Survey Tool Program	Date	8/28/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,786.7	Plan #0.1 (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	
3,064.7	1.29	330.67	3,064.7	0.6	-0.4	2.00	2.00	0.00	330.67	
12,040.1	1.29	330.67	12,037.8	177.4	-99.6	0.00	0.00	0.00	0.00	
12,104.8	0.00	0.00	12,102.5	178.0	-100.0	2.00	-2.00	0.00	180.00	KOP (WW 22 FC #71:
12,854.8	90.00	179.51	12,580.0	-299.4	-95.9	12.00	12.00	23.93	179.51	
22,786.7	90.00	179.51	12,580.0	-10,231.0	-11.0	0.00	0.00	0.00	0.00	PBHL (WW 22 FC #7:

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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3368.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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
3,064.7	1.29	330.67	3,064.7	0.6	-0.4	-0.6	2.00	2.00	0.00
3,100.0	1.29	330.67	3,100.0	1.3	-0.7	-1.3	0.00	0.00	0.00
3,200.0	1.29	330.67	3,200.0	3.3	-1.9	-3.3	0.00	0.00	0.00
3,300.0	1.29	330.67	3,299.9	5.3	-3.0	-5.3	0.00	0.00	0.00
3,400.0	1.29	330.67	3,399.9	7.2	-4.1	-7.2	0.00	0.00	0.00
3,500.0	1.29	330.67	3,499.9	9.2	-5.2	-9.2	0.00	0.00	0.00
3,600.0	1.29	330.67	3,599.9	11.2	-6.3	-11.2	0.00	0.00	0.00
3,700.0	1.29	330.67	3,699.8	13.1	-7.4	-13.1	0.00	0.00	0.00
3,800.0	1.29	330.67	3,799.8	15.1	-8.5	-15.1	0.00	0.00	0.00
3,900.0	1.29	330.67	3,899.8	17.1	-9.6	-17.1	0.00	0.00	0.00
4,000.0	1.29	330.67	3,999.8	19.1	-10.7	-19.0	0.00	0.00	0.00
4,100.0	1.29	330.67	4,099.7	21.0	-11.8	-21.0	0.00	0.00	0.00
4,200.0	1.29	330.67	4,199.7	23.0	-12.9	-23.0	0.00	0.00	0.00
4,300.0	1.29	330.67	4,299.7	25.0	-14.0	-24.9	0.00	0.00	0.00
4,400.0	1.29	330.67	4,399.7	26.9	-15.1	-26.9	0.00	0.00	0.00
4,500.0	1.29	330.67	4,499.6	28.9	-16.2	-28.9	0.00	0.00	0.00
4,600.0	1.29	330.67	4,599.6	30.9	-17.3	-30.8	0.00	0.00	0.00
4,700.0	1.29	330.67	4,699.6	32.8	-18.4	-32.8	0.00	0.00	0.00
4,800.0	1.29	330.67	4,799.6	34.8	-19.6	-34.8	0.00	0.00	0.00
4,900.0	1.29	330.67	4,899.5	36.8	-20.7	-36.8	0.00	0.00	0.00
5,000.0	1.29	330.67	4,999.5	38.7	-21.8	-38.7	0.00	0.00	0.00
5,100.0	1.29	330.67	5,099.5	40.7	-22.9	-40.7	0.00	0.00	0.00
5,200.0	1.29	330.67	5,199.4	42.7	-24.0	-42.7	0.00	0.00	0.00

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Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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)
5,300.0	1.29	330.67	5,299.4	44.7	-25.1	-44.6	0.00	0.00	0.00
5,400.0	1.29	330.67	5,399.4	46.6	-26.2	-46.6	0.00	0.00	0.00
5,500.0	1.29	330.67	5,499.4	48.6	-27.3	-48.6	0.00	0.00	0.00
5,600.0	1.29	330.67	5,599.3	50.6	-28.4	-50.5	0.00	0.00	0.00
5,700.0	1.29	330.67	5,699.3	52.5	-29.5	-52.5	0.00	0.00	0.00
5,800.0	1.29	330.67	5,799.3	54.5	-30.6	-54.5	0.00	0.00	0.00
5,900.0	1.29	330.67	5,899.3	56.5	-31.7	-56.4	0.00	0.00	0.00
6,000.0	1.29	330.67	5,999.2	58.4	-32.8	-58.4	0.00	0.00	0.00
6,100.0	1.29	330.67	6,099.2	60.4	-33.9	-60.4	0.00	0.00	0.00
6,200.0	1.29	330.67	6,199.2	62.4	-35.0	-62.3	0.00	0.00	0.00
6,300.0	1.29	330.67	6,299.2	64.3	-36.1	-64.3	0.00	0.00	0.00
6,400.0	1.29	330.67	6,399.1	66.3	-37.3	-66.3	0.00	0.00	0.00
6,500.0	1.29	330.67	6,499.1	68.3	-38.4	-68.2	0.00	0.00	0.00
6,600.0	1.29	330.67	6,599.1	70.2	-39.5	-70.2	0.00	0.00	0.00
6,700.0	1.29	330.67	6,699.1	72.2	-40.6	-72.2	0.00	0.00	0.00
6,800.0	1.29	330.67	6,799.0	74.2	-41.7	-74.1	0.00	0.00	0.00
6,900.0	1.29	330.67	6,899.0	76.2	-42.8	-76.1	0.00	0.00	0.00
7,000.0	1.29	330.67	6,999.0	78.1	-43.9	-78.1	0.00	0.00	0.00
7,100.0	1.29	330.67	7,099.0	80.1	-45.0	-80.0	0.00	0.00	0.00
7,200.0	1.29	330.67	7,198.9	82.1	-46.1	-82.0	0.00	0.00	0.00
7,300.0	1.29	330.67	7,298.9	84.0	-47.2	-84.0	0.00	0.00	0.00
7,400.0	1.29	330.67	7,398.9	86.0	-48.3	-85.9	0.00	0.00	0.00
7,500.0	1.29	330.67	7,498.9	88.0	-49.4	-87.9	0.00	0.00	0.00
7,600.0	1.29	330.67	7,598.8	89.9	-50.5	-89.9	0.00	0.00	0.00
7,700.0	1.29	330.67	7,698.8	91.9	-51.6	-91.9	0.00	0.00	0.00
7,800.0	1.29	330.67	7,798.8	93.9	-52.7	-93.8	0.00	0.00	0.00
7,900.0	1.29	330.67	7,898.8	95.8	-53.8	-95.8	0.00	0.00	0.00
8,000.0	1.29	330.67	7,998.7	97.8	-55.0	-97.8	0.00	0.00	0.00
8,100.0	1.29	330.67	8,098.7	99.8	-56.1	-99.7	0.00	0.00	0.00
8,200.0	1.29	330.67	8,198.7	101.8	-57.2	-101.7	0.00	0.00	0.00
8,300.0	1.29	330.67	8,298.7	103.7	-58.3	-103.7	0.00	0.00	0.00
8,400.0	1.29	330.67	8,398.6	105.7	-59.4	-105.6	0.00	0.00	0.00
8,500.0	1.29	330.67	8,498.6	107.7	-60.5	-107.6	0.00	0.00	0.00
8,600.0	1.29	330.67	8,598.6	109.6	-61.6	-109.6	0.00	0.00	0.00
8,700.0	1.29	330.67	8,698.6	111.6	-62.7	-111.5	0.00	0.00	0.00
8,800.0	1.29	330.67	8,798.5	113.6	-63.8	-113.5	0.00	0.00	0.00
8,900.0	1.29	330.67	8,898.5	115.5	-64.9	-115.5	0.00	0.00	0.00
9,000.0	1.29	330.67	8,998.5	117.5	-66.0	-117.4	0.00	0.00	0.00
9,100.0	1.29	330.67	9,098.5	119.5	-67.1	-119.4	0.00	0.00	0.00
9,200.0	1.29	330.67	9,198.4	121.4	-68.2	-121.4	0.00	0.00	0.00
9,300.0	1.29	330.67	9,298.4	123.4	-69.3	-123.3	0.00	0.00	0.00
9,400.0	1.29	330.67	9,398.4	125.4	-70.4	-125.3	0.00	0.00	0.00
9,500.0	1.29	330.67	9,498.4	127.3	-71.5	-127.3	0.00	0.00	0.00
9,600.0	1.29	330.67	9,598.3	129.3	-72.7	-129.2	0.00	0.00	0.00
9,700.0	1.29	330.67	9,698.3	131.3	-73.8	-131.2	0.00	0.00	0.00
9,800.0	1.29	330.67	9,798.3	133.3	-74.9	-133.2	0.00	0.00	0.00
9,900.0	1.29	330.67	9,898.3	135.2	-76.0	-135.1	0.00	0.00	0.00
10,000.0	1.29	330.67	9,998.2	137.2	-77.1	-137.1	0.00	0.00	0.00
10,100.0	1.29	330.67	10,098.2	139.2	-78.2	-139.1	0.00	0.00	0.00
10,200.0	1.29	330.67	10,198.2	141.1	-79.3	-141.0	0.00	0.00	0.00
10,300.0	1.29	330.67	10,298.1	143.1	-80.4	-143.0	0.00	0.00	0.00
10,400.0	1.29	330.67	10,398.1	145.1	-81.5	-145.0	0.00	0.00	0.00
10,500.0	1.29	330.67	10,498.1	147.0	-82.6	-146.9	0.00	0.00	0.00
10,600.0	1.29	330.67	10,598.1	149.0	-83.7	-148.9	0.00	0.00	0.00

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Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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)
10,700.0	1.29	330.67	10,698.0	151.0	-84.8	-150.9	0.00	0.00	0.00
10,800.0	1.29	330.67	10,798.0	152.9	-85.9	-152.9	0.00	0.00	0.00
10,900.0	1.29	330.67	10,898.0	154.9	-87.0	-154.8	0.00	0.00	0.00
11,000.0	1.29	330.67	10,998.0	156.9	-88.1	-156.8	0.00	0.00	0.00
11,100.0	1.29	330.67	11,097.9	158.9	-89.2	-158.8	0.00	0.00	0.00
11,200.0	1.29	330.67	11,197.9	160.8	-90.3	-160.7	0.00	0.00	0.00
11,300.0	1.29	330.67	11,297.9	162.8	-91.5	-162.7	0.00	0.00	0.00
11,400.0	1.29	330.67	11,397.9	164.8	-92.6	-164.7	0.00	0.00	0.00
11,500.0	1.29	330.67	11,497.8	166.7	-93.7	-166.6	0.00	0.00	0.00
11,600.0	1.29	330.67	11,597.8	168.7	-94.8	-168.6	0.00	0.00	0.00
11,700.0	1.29	330.67	11,697.8	170.7	-95.9	-170.6	0.00	0.00	0.00
11,800.0	1.29	330.67	11,797.8	172.6	-97.0	-172.5	0.00	0.00	0.00
11,900.0	1.29	330.67	11,897.7	174.6	-98.1	-174.5	0.00	0.00	0.00
12,000.0	1.29	330.67	11,997.7	176.6	-99.2	-176.5	0.00	0.00	0.00
12,040.1	1.29	330.67	12,037.8	177.4	-99.6	-177.3	0.00	0.00	0.00
12,104.8	0.00	0.00	12,102.5	178.0	-100.0	-177.9	2.00	-2.00	0.00
KOP (WW 22 FC #712H)									
12,125.0	2.42	179.51	12,122.7	177.6	-100.0	-177.5	12.00	12.00	0.00
12,150.0	5.42	179.51	12,147.6	175.9	-100.0	-175.8	12.00	12.00	0.00
12,175.0	8.42	179.51	12,172.4	172.8	-100.0	-172.7	12.00	12.00	0.00
12,200.0	11.42	179.51	12,197.1	168.5	-99.9	-168.4	12.00	12.00	0.00
12,225.0	14.42	179.51	12,221.4	163.0	-99.9	-162.8	12.00	12.00	0.00
12,250.0	17.42	179.51	12,245.5	156.1	-99.8	-156.0	12.00	12.00	0.00
12,275.0	20.42	179.51	12,269.1	148.0	-99.7	-147.9	12.00	12.00	0.00
12,300.0	23.42	179.51	12,292.3	138.7	-99.7	-138.5	12.00	12.00	0.00
12,325.0	26.42	179.51	12,315.0	128.1	-99.6	-128.0	12.00	12.00	0.00
12,350.0	29.42	179.51	12,337.1	116.4	-99.5	-116.3	12.00	12.00	0.00
12,375.0	32.42	179.51	12,358.5	103.6	-99.4	-103.5	12.00	12.00	0.00
12,400.0	35.42	179.51	12,379.2	89.6	-99.2	-89.5	12.00	12.00	0.00
12,425.0	38.42	179.51	12,399.2	74.6	-99.1	-74.5	12.00	12.00	0.00
12,450.0	41.42	179.51	12,418.4	58.6	-99.0	-58.5	12.00	12.00	0.00
12,475.0	44.42	179.51	12,436.7	41.5	-98.8	-41.4	12.00	12.00	0.00
12,500.0	47.42	179.51	12,454.1	23.6	-98.7	-23.5	12.00	12.00	0.00
12,504.0	47.90	179.51	12,456.8	20.6	-98.7	-20.5	12.00	12.00	0.00
FTP (WW 22 FC #712H)									
12,525.0	50.42	179.51	12,470.5	4.7	-98.5	-4.6	12.00	12.00	0.00
12,550.0	53.42	179.51	12,485.9	-14.9	-98.4	15.0	12.00	12.00	0.00
12,575.0	56.42	179.51	12,500.3	-35.4	-98.2	35.5	12.00	12.00	0.00
12,600.0	59.42	179.51	12,513.6	-56.6	-98.0	56.7	12.00	12.00	0.00
12,625.0	62.42	179.51	12,525.7	-78.4	-97.8	78.5	12.00	12.00	0.00
12,650.0	65.42	179.51	12,536.7	-100.9	-97.6	101.0	12.00	12.00	0.00
12,675.0	68.42	179.51	12,546.5	-123.9	-97.4	124.0	12.00	12.00	0.00
12,700.0	71.42	179.51	12,555.1	-147.4	-97.2	147.5	12.00	12.00	0.00
12,725.0	74.42	179.51	12,562.4	-171.2	-97.0	171.3	12.00	12.00	0.00
12,750.0	77.42	179.51	12,568.5	-195.5	-96.8	195.6	12.00	12.00	0.00
12,775.0	80.42	179.51	12,573.3	-220.0	-96.6	220.1	12.00	12.00	0.00
12,800.0	83.42	179.51	12,576.8	-244.8	-96.4	244.9	12.00	12.00	0.00
12,825.0	86.42	179.51	12,579.0	-269.7	-96.2	269.8	12.00	12.00	0.00
12,850.0	89.42	179.51	12,579.9	-294.6	-96.0	294.8	12.00	12.00	0.00
12,854.8	90.00	179.51	12,580.0	-299.4	-95.9	299.5	12.00	12.00	0.00
12,900.0	90.00	179.51	12,580.0	-344.6	-95.5	344.7	0.00	0.00	0.00
13,000.0	90.00	179.51	12,580.0	-444.6	-94.7	444.7	0.00	0.00	0.00
13,100.0	90.00	179.51	12,580.0	-544.6	-93.8	544.7	0.00	0.00	0.00
13,200.0	90.00	179.51	12,580.0	-644.6	-93.0	644.7	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #712H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3368.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3368.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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)
13,300.0	90.00	179.51	12,580.0	-744.6	-92.1	744.7	0.00	0.00	0.00
13,400.0	90.00	179.51	12,580.0	-844.6	-91.3	844.7	0.00	0.00	0.00
13,500.0	90.00	179.51	12,580.0	-944.6	-90.4	944.7	0.00	0.00	0.00
13,600.0	90.00	179.51	12,580.0	-1,044.6	-89.5	1,044.7	0.00	0.00	0.00
13,700.0	90.00	179.51	12,580.0	-1,144.6	-88.7	1,144.7	0.00	0.00	0.00
13,800.0	90.00	179.51	12,580.0	-1,244.6	-87.8	1,244.7	0.00	0.00	0.00
13,900.0	90.00	179.51	12,580.0	-1,344.6	-87.0	1,344.7	0.00	0.00	0.00
14,000.0	90.00	179.51	12,580.0	-1,444.6	-86.1	1,444.7	0.00	0.00	0.00
14,100.0	90.00	179.51	12,580.0	-1,544.6	-85.3	1,544.7	0.00	0.00	0.00
14,200.0	90.00	179.51	12,580.0	-1,644.6	-84.4	1,644.7	0.00	0.00	0.00
14,300.0	90.00	179.51	12,580.0	-1,744.6	-83.6	1,744.7	0.00	0.00	0.00
14,400.0	90.00	179.51	12,580.0	-1,844.6	-82.7	1,844.7	0.00	0.00	0.00
14,500.0	90.00	179.51	12,580.0	-1,944.6	-81.9	1,944.7	0.00	0.00	0.00
14,600.0	90.00	179.51	12,580.0	-2,044.6	-81.0	2,044.7	0.00	0.00	0.00
14,700.0	90.00	179.51	12,580.0	-2,144.6	-80.1	2,144.7	0.00	0.00	0.00
14,800.0	90.00	179.51	12,580.0	-2,244.6	-79.3	2,244.7	0.00	0.00	0.00
14,900.0	90.00	179.51	12,580.0	-2,344.6	-78.4	2,344.7	0.00	0.00	0.00
15,000.0	90.00	179.51	12,580.0	-2,444.6	-77.6	2,444.7	0.00	0.00	0.00
15,100.0	90.00	179.51	12,580.0	-2,544.6	-76.7	2,544.6	0.00	0.00	0.00
15,200.0	90.00	179.51	12,580.0	-2,644.6	-75.9	2,644.6	0.00	0.00	0.00
15,300.0	90.00	179.51	12,580.0	-2,744.6	-75.0	2,744.6	0.00	0.00	0.00
15,400.0	90.00	179.51	12,580.0	-2,844.6	-74.2	2,844.6	0.00	0.00	0.00
15,500.0	90.00	179.51	12,580.0	-2,944.6	-73.3	2,944.6	0.00	0.00	0.00
15,600.0	90.00	179.51	12,580.0	-3,044.5	-72.4	3,044.6	0.00	0.00	0.00
15,700.0	90.00	179.51	12,580.0	-3,144.5	-71.6	3,144.6	0.00	0.00	0.00
15,800.0	90.00	179.51	12,580.0	-3,244.5	-70.7	3,244.6	0.00	0.00	0.00
15,900.0	90.00	179.51	12,580.0	-3,344.5	-69.9	3,344.6	0.00	0.00	0.00
16,000.0	90.00	179.51	12,580.0	-3,444.5	-69.0	3,444.6	0.00	0.00	0.00
16,100.0	90.00	179.51	12,580.0	-3,544.5	-68.2	3,544.6	0.00	0.00	0.00
16,200.0	90.00	179.51	12,580.0	-3,644.5	-67.3	3,644.6	0.00	0.00	0.00
16,300.0	90.00	179.51	12,580.0	-3,744.5	-66.5	3,744.6	0.00	0.00	0.00
16,400.0	90.00	179.51	12,580.0	-3,844.5	-65.6	3,844.6	0.00	0.00	0.00
16,500.0	90.00	179.51	12,580.0	-3,944.5	-64.8	3,944.6	0.00	0.00	0.00
16,600.0	90.00	179.51	12,580.0	-4,044.5	-63.9	4,044.6	0.00	0.00	0.00
16,700.0	90.00	179.51	12,580.0	-4,144.5	-63.0	4,144.6	0.00	0.00	0.00
16,800.0	90.00	179.51	12,580.0	-4,244.5	-62.2	4,244.6	0.00	0.00	0.00
16,900.0	90.00	179.51	12,580.0	-4,344.5	-61.3	4,344.6	0.00	0.00	0.00
17,000.0	90.00	179.51	12,580.0	-4,444.5	-60.5	4,444.6	0.00	0.00	0.00
17,100.0	90.00	179.51	12,580.0	-4,544.5	-59.6	4,544.6	0.00	0.00	0.00
17,200.0	90.00	179.51	12,580.0	-4,644.5	-58.8	4,644.5	0.00	0.00	0.00
17,300.0	90.00	179.51	12,580.0	-4,744.5	-57.9	4,744.5	0.00	0.00	0.00
17,400.0	90.00	179.51	12,580.0	-4,844.5	-57.1	4,844.5	0.00	0.00	0.00
17,500.0	90.00	179.51	12,580.0	-4,944.5	-56.2	4,944.5	0.00	0.00	0.00
17,600.0	90.00	179.51	12,580.0	-5,044.5	-55.3	5,044.5	0.00	0.00	0.00
17,700.0	90.00	179.51	12,580.0	-5,144.5	-54.5	5,144.5	0.00	0.00	0.00
17,800.0	90.00	179.51	12,580.0	-5,244.5	-53.6	5,244.5	0.00	0.00	0.00
17,900.0	90.00	179.51	12,580.0	-5,344.5	-52.8	5,344.5	0.00	0.00	0.00
18,000.0	90.00	179.51	12,580.0	-5,444.5	-51.9	5,444.5	0.00	0.00	0.00
18,100.0	90.00	179.51	12,580.0	-5,544.5	-51.1	5,544.5	0.00	0.00	0.00
18,200.0	90.00	179.51	12,580.0	-5,644.5	-50.2	5,644.5	0.00	0.00	0.00
18,300.0	90.00	179.51	12,580.0	-5,744.4	-49.4	5,744.5	0.00	0.00	0.00
18,400.0	90.00	179.51	12,580.0	-5,844.4	-48.5	5,844.5	0.00	0.00	0.00
18,500.0	90.00	179.51	12,580.0	-5,944.4	-47.7	5,944.5	0.00	0.00	0.00
18,600.0	90.00	179.51	12,580.0	-6,044.4	-46.8	6,044.5	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #712H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3368.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3368.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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)
18,700.0	90.00	179.51	12,580.0	-6,144.4	-45.9	6,144.5	0.00	0.00	0.00
18,800.0	90.00	179.51	12,580.0	-6,244.4	-45.1	6,244.5	0.00	0.00	0.00
18,900.0	90.00	179.51	12,580.0	-6,344.4	-44.2	6,344.5	0.00	0.00	0.00
19,000.0	90.00	179.51	12,580.0	-6,444.4	-43.4	6,444.5	0.00	0.00	0.00
19,100.0	90.00	179.51	12,580.0	-6,544.4	-42.5	6,544.5	0.00	0.00	0.00
19,200.0	90.00	179.51	12,580.0	-6,644.4	-41.7	6,644.5	0.00	0.00	0.00
19,300.0	90.00	179.51	12,580.0	-6,744.4	-40.8	6,744.5	0.00	0.00	0.00
19,400.0	90.00	179.51	12,580.0	-6,844.4	-40.0	6,844.4	0.00	0.00	0.00
19,500.0	90.00	179.51	12,580.0	-6,944.4	-39.1	6,944.4	0.00	0.00	0.00
19,600.0	90.00	179.51	12,580.0	-7,044.4	-38.2	7,044.4	0.00	0.00	0.00
19,700.0	90.00	179.51	12,580.0	-7,144.4	-37.4	7,144.4	0.00	0.00	0.00
19,800.0	90.00	179.51	12,580.0	-7,244.4	-36.5	7,244.4	0.00	0.00	0.00
19,900.0	90.00	179.51	12,580.0	-7,344.4	-35.7	7,344.4	0.00	0.00	0.00
20,000.0	90.00	179.51	12,580.0	-7,444.4	-34.8	7,444.4	0.00	0.00	0.00
20,100.0	90.00	179.51	12,580.0	-7,544.4	-34.0	7,544.4	0.00	0.00	0.00
20,200.0	90.00	179.51	12,580.0	-7,644.4	-33.1	7,644.4	0.00	0.00	0.00
20,300.0	90.00	179.51	12,580.0	-7,744.4	-32.3	7,744.4	0.00	0.00	0.00
20,400.0	90.00	179.51	12,580.0	-7,844.4	-31.4	7,844.4	0.00	0.00	0.00
20,500.0	90.00	179.51	12,580.0	-7,944.4	-30.6	7,944.4	0.00	0.00	0.00
20,600.0	90.00	179.51	12,580.0	-8,044.4	-29.7	8,044.4	0.00	0.00	0.00
20,700.0	90.00	179.51	12,580.0	-8,144.4	-28.8	8,144.4	0.00	0.00	0.00
20,800.0	90.00	179.51	12,580.0	-8,244.4	-28.0	8,244.4	0.00	0.00	0.00
20,900.0	90.00	179.51	12,580.0	-8,344.4	-27.1	8,344.4	0.00	0.00	0.00
21,000.0	90.00	179.51	12,580.0	-8,444.3	-26.3	8,444.4	0.00	0.00	0.00
21,100.0	90.00	179.51	12,580.0	-8,544.3	-25.4	8,544.4	0.00	0.00	0.00
21,200.0	90.00	179.51	12,580.0	-8,644.3	-24.6	8,644.4	0.00	0.00	0.00
21,300.0	90.00	179.51	12,580.0	-8,744.3	-23.7	8,744.4	0.00	0.00	0.00
21,400.0	90.00	179.51	12,580.0	-8,844.3	-22.9	8,844.4	0.00	0.00	0.00
21,500.0	90.00	179.51	12,580.0	-8,944.3	-22.0	8,944.3	0.00	0.00	0.00
21,600.0	90.00	179.51	12,580.0	-9,044.3	-21.1	9,044.3	0.00	0.00	0.00
21,700.0	90.00	179.51	12,580.0	-9,144.3	-20.3	9,144.3	0.00	0.00	0.00
21,800.0	90.00	179.51	12,580.0	-9,244.3	-19.4	9,244.3	0.00	0.00	0.00
21,900.0	90.00	179.51	12,580.0	-9,344.3	-18.6	9,344.3	0.00	0.00	0.00
22,000.0	90.00	179.51	12,580.0	-9,444.3	-17.7	9,444.3	0.00	0.00	0.00
22,100.0	90.00	179.51	12,580.0	-9,544.3	-16.9	9,544.3	0.00	0.00	0.00
22,200.0	90.00	179.51	12,580.0	-9,644.3	-16.0	9,644.3	0.00	0.00	0.00
22,300.0	90.00	179.51	12,580.0	-9,744.3	-15.2	9,744.3	0.00	0.00	0.00
22,400.0	90.00	179.51	12,580.0	-9,844.3	-14.3	9,844.3	0.00	0.00	0.00
22,500.0	90.00	179.51	12,580.0	-9,944.3	-13.5	9,944.3	0.00	0.00	0.00
22,600.0	90.00	179.51	12,580.0	-10,044.3	-12.6	10,044.3	0.00	0.00	0.00
22,700.0	90.00	179.51	12,580.0	-10,144.3	-11.7	10,144.3	0.00	0.00	0.00
22,786.7	90.00	179.51	12,580.0	-10,231.0	-11.0	10,231.0	0.00	0.00	0.00
PBHL (WW 22 FC #712H)									

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #712H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3368.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3368.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#712H	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
KOP (WW 22 FC #712H - plan hits target center - Point	0.00	0.00	12,102.5	178.0	-100.0	409,620.00	811,044.00	32° 7' 23.257 N	103° 27' 43.658 W
FTP (WW 22 FC #712H) - plan misses target center by 163.4usft at 12504.0usft MD (12456.8 TVD, 20.6 N, -98.7 E) - Point	0.00	0.00	12,580.0	128.0	-100.0	409,570.00	811,044.00	32° 7' 22.762 N	103° 27' 43.663 W
PBHL (WW 22 FC #712H) - plan hits target center - Point	0.00	0.00	12,580.0	-10,231.0	-11.0	399,211.00	811,133.00	32° 5' 40.252 N	103° 27' 43.602 W