



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Wild Weasel 22 Fed Com

#713H

OH

Plan: Plan #0.1

Standard Planning Report

30 August, 2018

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3374.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3374.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#713H	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	#713H					
Well Position	+N/-S	2.0 usft	Northing:	409,436.00 usft	Latitude:	32° 7' 21.485 N
	+E/-W	-4,081.0 usft	Easting:	810,429.00 usft	Longitude:	103° 27' 50.827 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,349.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/28/2018	6.77	59.97	47,766.63636104

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	177.85

Plan Survey Tool Program	Date	8/28/2018			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	22,798.1	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	
3,110.3	2.21	58.33	3,110.3	1.1	1.8	2.00	2.00	0.00	58.33	
12,005.9	2.21	58.33	11,999.2	180.9	293.2	0.00	0.00	0.00	0.00	
12,116.1	0.00	0.00	12,109.5	182.0	295.0	2.00	-2.00	0.00	180.00	KOP (WW 22 FC #71:
12,866.1	90.00	179.51	12,587.0	-295.4	299.1	12.00	12.00	23.93	179.51	
22,798.1	90.00	179.51	12,587.0	-10,227.0	384.0	0.00	0.00	0.00	0.00	PBHL (WW 22 FC #7:

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Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#713H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	2.00	58.33	3,100.0	0.9	1.5	-0.9	2.00	2.00	0.00
3,110.3	2.21	58.33	3,110.3	1.1	1.8	-1.0	2.00	2.00	0.00
3,200.0	2.21	58.33	3,199.9	2.9	4.7	-2.7	0.00	0.00	0.00
3,300.0	2.21	58.33	3,299.8	4.9	8.0	-4.6	0.00	0.00	0.00
3,400.0	2.21	58.33	3,399.8	7.0	11.3	-6.5	0.00	0.00	0.00
3,500.0	2.21	58.33	3,499.7	9.0	14.6	-8.4	0.00	0.00	0.00
3,600.0	2.21	58.33	3,599.6	11.0	17.8	-10.3	0.00	0.00	0.00
3,700.0	2.21	58.33	3,699.5	13.0	21.1	-12.2	0.00	0.00	0.00
3,800.0	2.21	58.33	3,799.5	15.1	24.4	-14.1	0.00	0.00	0.00
3,900.0	2.21	58.33	3,899.4	17.1	27.7	-16.0	0.00	0.00	0.00
4,000.0	2.21	58.33	3,999.3	19.1	31.0	-17.9	0.00	0.00	0.00
4,100.0	2.21	58.33	4,099.2	21.1	34.2	-19.8	0.00	0.00	0.00
4,200.0	2.21	58.33	4,199.2	23.1	37.5	-21.7	0.00	0.00	0.00
4,300.0	2.21	58.33	4,299.1	25.2	40.8	-23.6	0.00	0.00	0.00
4,400.0	2.21	58.33	4,399.0	27.2	44.1	-25.5	0.00	0.00	0.00
4,500.0	2.21	58.33	4,498.9	29.2	47.3	-27.4	0.00	0.00	0.00
4,600.0	2.21	58.33	4,598.9	31.2	50.6	-29.3	0.00	0.00	0.00
4,700.0	2.21	58.33	4,698.8	33.2	53.9	-31.2	0.00	0.00	0.00
4,800.0	2.21	58.33	4,798.7	35.3	57.2	-33.1	0.00	0.00	0.00
4,900.0	2.21	58.33	4,898.6	37.3	60.4	-35.0	0.00	0.00	0.00
5,000.0	2.21	58.33	4,998.6	39.3	63.7	-36.9	0.00	0.00	0.00
5,100.0	2.21	58.33	5,098.5	41.3	67.0	-38.8	0.00	0.00	0.00
5,200.0	2.21	58.33	5,198.4	43.3	70.3	-40.7	0.00	0.00	0.00

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Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#713H	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	2.21	58.33	5,298.4	45.4	73.5	-42.6	0.00	0.00	0.00
5,400.0	2.21	58.33	5,398.3	47.4	76.8	-44.5	0.00	0.00	0.00
5,500.0	2.21	58.33	5,498.2	49.4	80.1	-46.4	0.00	0.00	0.00
5,600.0	2.21	58.33	5,598.1	51.4	83.4	-48.3	0.00	0.00	0.00
5,700.0	2.21	58.33	5,698.1	53.5	86.6	-50.2	0.00	0.00	0.00
5,800.0	2.21	58.33	5,798.0	55.5	89.9	-52.1	0.00	0.00	0.00
5,900.0	2.21	58.33	5,897.9	57.5	93.2	-54.0	0.00	0.00	0.00
6,000.0	2.21	58.33	5,997.8	59.5	96.5	-55.9	0.00	0.00	0.00
6,100.0	2.21	58.33	6,097.8	61.5	99.7	-57.7	0.00	0.00	0.00
6,200.0	2.21	58.33	6,197.7	63.6	103.0	-59.6	0.00	0.00	0.00
6,300.0	2.21	58.33	6,297.6	65.6	106.3	-61.5	0.00	0.00	0.00
6,400.0	2.21	58.33	6,397.5	67.6	109.6	-63.4	0.00	0.00	0.00
6,500.0	2.21	58.33	6,497.5	69.6	112.8	-65.3	0.00	0.00	0.00
6,600.0	2.21	58.33	6,597.4	71.6	116.1	-67.2	0.00	0.00	0.00
6,700.0	2.21	58.33	6,697.3	73.7	119.4	-69.1	0.00	0.00	0.00
6,800.0	2.21	58.33	6,797.2	75.7	122.7	-71.0	0.00	0.00	0.00
6,900.0	2.21	58.33	6,897.2	77.7	125.9	-72.9	0.00	0.00	0.00
7,000.0	2.21	58.33	6,997.1	79.7	129.2	-74.8	0.00	0.00	0.00
7,100.0	2.21	58.33	7,097.0	81.7	132.5	-76.7	0.00	0.00	0.00
7,200.0	2.21	58.33	7,196.9	83.8	135.8	-78.6	0.00	0.00	0.00
7,300.0	2.21	58.33	7,296.9	85.8	139.0	-80.5	0.00	0.00	0.00
7,400.0	2.21	58.33	7,396.8	87.8	142.3	-82.4	0.00	0.00	0.00
7,500.0	2.21	58.33	7,496.7	89.8	145.6	-84.3	0.00	0.00	0.00
7,600.0	2.21	58.33	7,596.6	91.8	148.9	-86.2	0.00	0.00	0.00
7,700.0	2.21	58.33	7,696.6	93.9	152.1	-88.1	0.00	0.00	0.00
7,800.0	2.21	58.33	7,796.5	95.9	155.4	-90.0	0.00	0.00	0.00
7,900.0	2.21	58.33	7,896.4	97.9	158.7	-91.9	0.00	0.00	0.00
8,000.0	2.21	58.33	7,996.3	99.9	162.0	-93.8	0.00	0.00	0.00
8,100.0	2.21	58.33	8,096.3	102.0	165.3	-95.7	0.00	0.00	0.00
8,200.0	2.21	58.33	8,196.2	104.0	168.5	-97.6	0.00	0.00	0.00
8,300.0	2.21	58.33	8,296.1	106.0	171.8	-99.5	0.00	0.00	0.00
8,400.0	2.21	58.33	8,396.1	108.0	175.1	-101.4	0.00	0.00	0.00
8,500.0	2.21	58.33	8,496.0	110.0	178.4	-103.3	0.00	0.00	0.00
8,600.0	2.21	58.33	8,595.9	112.1	181.6	-105.2	0.00	0.00	0.00
8,700.0	2.21	58.33	8,695.8	114.1	184.9	-107.1	0.00	0.00	0.00
8,800.0	2.21	58.33	8,795.8	116.1	188.2	-109.0	0.00	0.00	0.00
8,900.0	2.21	58.33	8,895.7	118.1	191.5	-110.9	0.00	0.00	0.00
9,000.0	2.21	58.33	8,995.6	120.1	194.7	-112.7	0.00	0.00	0.00
9,100.0	2.21	58.33	9,095.5	122.2	198.0	-114.6	0.00	0.00	0.00
9,200.0	2.21	58.33	9,195.5	124.2	201.3	-116.5	0.00	0.00	0.00
9,300.0	2.21	58.33	9,295.4	126.2	204.6	-118.4	0.00	0.00	0.00
9,400.0	2.21	58.33	9,395.3	128.2	207.8	-120.3	0.00	0.00	0.00
9,500.0	2.21	58.33	9,495.2	130.2	211.1	-122.2	0.00	0.00	0.00
9,600.0	2.21	58.33	9,595.2	132.3	214.4	-124.1	0.00	0.00	0.00
9,700.0	2.21	58.33	9,695.1	134.3	217.7	-126.0	0.00	0.00	0.00
9,800.0	2.21	58.33	9,795.0	136.3	220.9	-127.9	0.00	0.00	0.00
9,900.0	2.21	58.33	9,894.9	138.3	224.2	-129.8	0.00	0.00	0.00
10,000.0	2.21	58.33	9,994.9	140.3	227.5	-131.7	0.00	0.00	0.00
10,100.0	2.21	58.33	10,094.8	142.4	230.8	-133.6	0.00	0.00	0.00
10,200.0	2.21	58.33	10,194.7	144.4	234.0	-135.5	0.00	0.00	0.00
10,300.0	2.21	58.33	10,294.6	146.4	237.3	-137.4	0.00	0.00	0.00
10,400.0	2.21	58.33	10,394.6	148.4	240.6	-139.3	0.00	0.00	0.00
10,500.0	2.21	58.33	10,494.5	150.5	243.9	-141.2	0.00	0.00	0.00
10,600.0	2.21	58.33	10,594.4	152.5	247.1	-143.1	0.00	0.00	0.00

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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	2.21	58.33	10,694.3	154.5	250.4	-145.0	0.00	0.00	0.00	
10,800.0	2.21	58.33	10,794.3	156.5	253.7	-146.9	0.00	0.00	0.00	
10,900.0	2.21	58.33	10,894.2	158.5	257.0	-148.8	0.00	0.00	0.00	
11,000.0	2.21	58.33	10,994.1	160.6	260.2	-150.7	0.00	0.00	0.00	
11,100.0	2.21	58.33	11,094.1	162.6	263.5	-152.6	0.00	0.00	0.00	
11,200.0	2.21	58.33	11,194.0	164.6	266.8	-154.5	0.00	0.00	0.00	
11,300.0	2.21	58.33	11,293.9	166.6	270.1	-156.4	0.00	0.00	0.00	
11,400.0	2.21	58.33	11,393.8	168.6	273.3	-158.3	0.00	0.00	0.00	
11,500.0	2.21	58.33	11,493.8	170.7	276.6	-160.2	0.00	0.00	0.00	
11,600.0	2.21	58.33	11,593.7	172.7	279.9	-162.1	0.00	0.00	0.00	
11,700.0	2.21	58.33	11,693.6	174.7	283.2	-164.0	0.00	0.00	0.00	
11,800.0	2.21	58.33	11,793.5	176.7	286.5	-165.9	0.00	0.00	0.00	
11,900.0	2.21	58.33	11,893.5	178.7	289.7	-167.7	0.00	0.00	0.00	
12,005.9	2.21	58.33	11,999.2	180.9	293.2	-169.8	0.00	0.00	0.00	
12,100.0	0.32	58.33	12,093.4	182.0	295.0	-170.8	2.00	-2.00	0.00	
12,116.1	0.00	0.00	12,109.5	182.0	295.0	-170.8	2.00	-2.00	-361.25	
KOP (WW 22 FC #713H)										
12,125.0	1.06	179.51	12,118.4	181.9	295.0	-170.7	12.00	12.00	2,027.41	
12,150.0	4.06	179.51	12,143.3	180.8	295.0	-169.6	12.00	12.00	0.00	
12,175.0	7.06	179.51	12,168.2	178.4	295.0	-167.2	12.00	12.00	0.00	
12,200.0	10.06	179.51	12,192.9	174.7	295.1	-163.5	12.00	12.00	0.00	
12,225.0	13.06	179.51	12,217.4	169.6	295.1	-158.5	12.00	12.00	0.00	
12,250.0	16.06	179.51	12,241.6	163.4	295.2	-152.2	12.00	12.00	0.00	
12,275.0	19.06	179.51	12,265.4	155.8	295.2	-144.6	12.00	12.00	0.00	
12,300.0	22.06	179.51	12,288.8	147.0	295.3	-135.9	12.00	12.00	0.00	
12,325.0	25.06	179.51	12,311.8	137.0	295.4	-125.9	12.00	12.00	0.00	
12,350.0	28.06	179.51	12,334.1	125.9	295.5	-114.7	12.00	12.00	0.00	
12,375.0	31.06	179.51	12,355.9	113.5	295.6	-102.4	12.00	12.00	0.00	
12,400.0	34.06	179.51	12,376.9	100.1	295.7	-88.9	12.00	12.00	0.00	
12,425.0	37.06	179.51	12,397.3	85.5	295.8	-74.4	12.00	12.00	0.00	
12,450.0	40.06	179.51	12,416.8	70.0	296.0	-58.8	12.00	12.00	0.00	
12,475.0	43.06	179.51	12,435.5	53.4	296.1	-42.2	12.00	12.00	0.00	
12,500.0	46.06	179.51	12,453.3	35.8	296.2	-24.7	12.00	12.00	0.00	
12,519.2	48.37	179.51	12,466.4	21.7	296.4	-10.6	12.00	12.00	0.00	
FTP (WW 22 FC #713H)										
12,525.0	49.06	179.51	12,470.2	17.4	296.4	-6.3	12.00	12.00	0.00	
12,550.0	52.06	179.51	12,486.1	-1.9	296.6	13.0	12.00	12.00	0.00	
12,575.0	55.06	179.51	12,500.9	-22.0	296.7	33.1	12.00	12.00	0.00	
12,600.0	58.06	179.51	12,514.7	-42.9	296.9	54.0	12.00	12.00	0.00	
12,625.0	61.06	179.51	12,527.4	-64.4	297.1	75.5	12.00	12.00	0.00	
12,650.0	64.06	179.51	12,538.9	-86.6	297.3	97.7	12.00	12.00	0.00	
12,675.0	67.06	179.51	12,549.2	-109.4	297.5	120.5	12.00	12.00	0.00	
12,700.0	70.06	179.51	12,558.3	-132.6	297.7	143.7	12.00	12.00	0.00	
12,725.0	73.06	179.51	12,566.3	-156.4	297.9	167.4	12.00	12.00	0.00	
12,750.0	76.06	179.51	12,572.9	-180.4	298.1	191.5	12.00	12.00	0.00	
12,775.0	79.06	179.51	12,578.3	-204.9	298.3	215.9	12.00	12.00	0.00	
12,800.0	82.06	179.51	12,582.4	-229.5	298.5	240.6	12.00	12.00	0.00	
12,825.0	85.06	179.51	12,585.2	-254.4	298.7	265.4	12.00	12.00	0.00	
12,850.0	88.06	179.51	12,586.7	-279.3	298.9	290.3	12.00	12.00	0.00	
12,866.1	90.00	179.51	12,587.0	-295.4	299.1	306.5	12.00	12.00	0.00	
12,900.0	90.00	179.51	12,587.0	-329.3	299.4	340.3	0.00	0.00	0.00	
13,000.0	90.00	179.51	12,587.0	-429.3	300.2	440.3	0.00	0.00	0.00	
13,100.0	90.00	179.51	12,587.0	-529.3	301.1	540.2	0.00	0.00	0.00	
13,200.0	90.00	179.51	12,587.0	-629.3	301.9	640.2	0.00	0.00	0.00	

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3374.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3374.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#713H	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	12,587.0	-729.3	302.8	740.1	0.00	0.00	0.00
13,400.0	90.00	179.51	12,587.0	-829.3	303.6	840.1	0.00	0.00	0.00
13,500.0	90.00	179.51	12,587.0	-929.3	304.5	940.0	0.00	0.00	0.00
13,600.0	90.00	179.51	12,587.0	-1,029.3	305.4	1,040.0	0.00	0.00	0.00
13,700.0	90.00	179.51	12,587.0	-1,129.3	306.2	1,140.0	0.00	0.00	0.00
13,800.0	90.00	179.51	12,587.0	-1,229.3	307.1	1,239.9	0.00	0.00	0.00
13,900.0	90.00	179.51	12,587.0	-1,329.3	307.9	1,339.9	0.00	0.00	0.00
14,000.0	90.00	179.51	12,587.0	-1,429.3	308.8	1,439.8	0.00	0.00	0.00
14,100.0	90.00	179.51	12,587.0	-1,529.3	309.6	1,539.8	0.00	0.00	0.00
14,200.0	90.00	179.51	12,587.0	-1,629.3	310.5	1,639.8	0.00	0.00	0.00
14,300.0	90.00	179.51	12,587.0	-1,729.2	311.3	1,739.7	0.00	0.00	0.00
14,400.0	90.00	179.51	12,587.0	-1,829.2	312.2	1,839.7	0.00	0.00	0.00
14,500.0	90.00	179.51	12,587.0	-1,929.2	313.1	1,939.6	0.00	0.00	0.00
14,600.0	90.00	179.51	12,587.0	-2,029.2	313.9	2,039.6	0.00	0.00	0.00
14,700.0	90.00	179.51	12,587.0	-2,129.2	314.8	2,139.5	0.00	0.00	0.00
14,800.0	90.00	179.51	12,587.0	-2,229.2	315.6	2,239.5	0.00	0.00	0.00
14,900.0	90.00	179.51	12,587.0	-2,329.2	316.5	2,339.5	0.00	0.00	0.00
15,000.0	90.00	179.51	12,587.0	-2,429.2	317.3	2,439.4	0.00	0.00	0.00
15,100.0	90.00	179.51	12,587.0	-2,529.2	318.2	2,539.4	0.00	0.00	0.00
15,200.0	90.00	179.51	12,587.0	-2,629.2	319.0	2,639.3	0.00	0.00	0.00
15,300.0	90.00	179.51	12,587.0	-2,729.2	319.9	2,739.3	0.00	0.00	0.00
15,400.0	90.00	179.51	12,587.0	-2,829.2	320.7	2,839.3	0.00	0.00	0.00
15,500.0	90.00	179.51	12,587.0	-2,929.2	321.6	2,939.2	0.00	0.00	0.00
15,600.0	90.00	179.51	12,587.0	-3,029.2	322.5	3,039.2	0.00	0.00	0.00
15,700.0	90.00	179.51	12,587.0	-3,129.2	323.3	3,139.1	0.00	0.00	0.00
15,800.0	90.00	179.51	12,587.0	-3,229.2	324.2	3,239.1	0.00	0.00	0.00
15,900.0	90.00	179.51	12,587.0	-3,329.2	325.0	3,339.0	0.00	0.00	0.00
16,000.0	90.00	179.51	12,587.0	-3,429.2	325.9	3,439.0	0.00	0.00	0.00
16,100.0	90.00	179.51	12,587.0	-3,529.2	326.7	3,539.0	0.00	0.00	0.00
16,200.0	90.00	179.51	12,587.0	-3,629.2	327.6	3,638.9	0.00	0.00	0.00
16,300.0	90.00	179.51	12,587.0	-3,729.2	328.4	3,738.9	0.00	0.00	0.00
16,400.0	90.00	179.51	12,587.0	-3,829.2	329.3	3,838.8	0.00	0.00	0.00
16,500.0	90.00	179.51	12,587.0	-3,929.2	330.2	3,938.8	0.00	0.00	0.00
16,600.0	90.00	179.51	12,587.0	-4,029.2	331.0	4,038.7	0.00	0.00	0.00
16,700.0	90.00	179.51	12,587.0	-4,129.2	331.9	4,138.7	0.00	0.00	0.00
16,800.0	90.00	179.51	12,587.0	-4,229.2	332.7	4,238.7	0.00	0.00	0.00
16,900.0	90.00	179.51	12,587.0	-4,329.2	333.6	4,338.6	0.00	0.00	0.00
17,000.0	90.00	179.51	12,587.0	-4,429.2	334.4	4,438.6	0.00	0.00	0.00
17,100.0	90.00	179.51	12,587.0	-4,529.1	335.3	4,538.5	0.00	0.00	0.00
17,200.0	90.00	179.51	12,587.0	-4,629.1	336.1	4,638.5	0.00	0.00	0.00
17,300.0	90.00	179.51	12,587.0	-4,729.1	337.0	4,738.5	0.00	0.00	0.00
17,400.0	90.00	179.51	12,587.0	-4,829.1	337.8	4,838.4	0.00	0.00	0.00
17,500.0	90.00	179.51	12,587.0	-4,929.1	338.7	4,938.4	0.00	0.00	0.00
17,600.0	90.00	179.51	12,587.0	-5,029.1	339.6	5,038.3	0.00	0.00	0.00
17,700.0	90.00	179.51	12,587.0	-5,129.1	340.4	5,138.3	0.00	0.00	0.00
17,800.0	90.00	179.51	12,587.0	-5,229.1	341.3	5,238.2	0.00	0.00	0.00
17,900.0	90.00	179.51	12,587.0	-5,329.1	342.1	5,338.2	0.00	0.00	0.00
18,000.0	90.00	179.51	12,587.0	-5,429.1	343.0	5,438.2	0.00	0.00	0.00
18,100.0	90.00	179.51	12,587.0	-5,529.1	343.8	5,538.1	0.00	0.00	0.00
18,200.0	90.00	179.51	12,587.0	-5,629.1	344.7	5,638.1	0.00	0.00	0.00
18,300.0	90.00	179.51	12,587.0	-5,729.1	345.5	5,738.0	0.00	0.00	0.00
18,400.0	90.00	179.51	12,587.0	-5,829.1	346.4	5,838.0	0.00	0.00	0.00
18,500.0	90.00	179.51	12,587.0	-5,929.1	347.3	5,937.9	0.00	0.00	0.00
18,600.0	90.00	179.51	12,587.0	-6,029.1	348.1	6,037.9	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3374.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3374.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#713H	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	12,587.0	-6,129.1	349.0	6,137.9	0.00	0.00	0.00
18,800.0	90.00	179.51	12,587.0	-6,229.1	349.8	6,237.8	0.00	0.00	0.00
18,900.0	90.00	179.51	12,587.0	-6,329.1	350.7	6,337.8	0.00	0.00	0.00
19,000.0	90.00	179.51	12,587.0	-6,429.1	351.5	6,437.7	0.00	0.00	0.00
19,100.0	90.00	179.51	12,587.0	-6,529.1	352.4	6,537.7	0.00	0.00	0.00
19,200.0	90.00	179.51	12,587.0	-6,629.1	353.2	6,637.7	0.00	0.00	0.00
19,300.0	90.00	179.51	12,587.0	-6,729.1	354.1	6,737.6	0.00	0.00	0.00
19,400.0	90.00	179.51	12,587.0	-6,829.1	354.9	6,837.6	0.00	0.00	0.00
19,500.0	90.00	179.51	12,587.0	-6,929.1	355.8	6,937.5	0.00	0.00	0.00
19,600.0	90.00	179.51	12,587.0	-7,029.1	356.7	7,037.5	0.00	0.00	0.00
19,700.0	90.00	179.51	12,587.0	-7,129.1	357.5	7,137.4	0.00	0.00	0.00
19,800.0	90.00	179.51	12,587.0	-7,229.0	358.4	7,237.4	0.00	0.00	0.00
19,900.0	90.00	179.51	12,587.0	-7,329.0	359.2	7,337.4	0.00	0.00	0.00
20,000.0	90.00	179.51	12,587.0	-7,429.0	360.1	7,437.3	0.00	0.00	0.00
20,100.0	90.00	179.51	12,587.0	-7,529.0	360.9	7,537.3	0.00	0.00	0.00
20,200.0	90.00	179.51	12,587.0	-7,629.0	361.8	7,637.2	0.00	0.00	0.00
20,300.0	90.00	179.51	12,587.0	-7,729.0	362.6	7,737.2	0.00	0.00	0.00
20,400.0	90.00	179.51	12,587.0	-7,829.0	363.5	7,837.2	0.00	0.00	0.00
20,500.0	90.00	179.51	12,587.0	-7,929.0	364.4	7,937.1	0.00	0.00	0.00
20,600.0	90.00	179.51	12,587.0	-8,029.0	365.2	8,037.1	0.00	0.00	0.00
20,700.0	90.00	179.51	12,587.0	-8,129.0	366.1	8,137.0	0.00	0.00	0.00
20,800.0	90.00	179.51	12,587.0	-8,229.0	366.9	8,237.0	0.00	0.00	0.00
20,900.0	90.00	179.51	12,587.0	-8,329.0	367.8	8,336.9	0.00	0.00	0.00
21,000.0	90.00	179.51	12,587.0	-8,429.0	368.6	8,436.9	0.00	0.00	0.00
21,100.0	90.00	179.51	12,587.0	-8,529.0	369.5	8,536.9	0.00	0.00	0.00
21,200.0	90.00	179.51	12,587.0	-8,629.0	370.3	8,636.8	0.00	0.00	0.00
21,300.0	90.00	179.51	12,587.0	-8,729.0	371.2	8,736.8	0.00	0.00	0.00
21,400.0	90.00	179.51	12,587.0	-8,829.0	372.0	8,836.7	0.00	0.00	0.00
21,500.0	90.00	179.51	12,587.0	-8,929.0	372.9	8,936.7	0.00	0.00	0.00
21,600.0	90.00	179.51	12,587.0	-9,029.0	373.8	9,036.6	0.00	0.00	0.00
21,700.0	90.00	179.51	12,587.0	-9,129.0	374.6	9,136.6	0.00	0.00	0.00
21,800.0	90.00	179.51	12,587.0	-9,229.0	375.5	9,236.6	0.00	0.00	0.00
21,900.0	90.00	179.51	12,587.0	-9,329.0	376.3	9,336.5	0.00	0.00	0.00
22,000.0	90.00	179.51	12,587.0	-9,429.0	377.2	9,436.5	0.00	0.00	0.00
22,100.0	90.00	179.51	12,587.0	-9,529.0	378.0	9,536.4	0.00	0.00	0.00
22,200.0	90.00	179.51	12,587.0	-9,629.0	378.9	9,636.4	0.00	0.00	0.00
22,300.0	90.00	179.51	12,587.0	-9,729.0	379.7	9,736.4	0.00	0.00	0.00
22,400.0	90.00	179.51	12,587.0	-9,829.0	380.6	9,836.3	0.00	0.00	0.00
22,500.0	90.00	179.51	12,587.0	-9,928.9	381.5	9,936.3	0.00	0.00	0.00
22,600.0	90.00	179.51	12,587.0	-10,028.9	382.3	10,036.2	0.00	0.00	0.00
22,700.0	90.00	179.51	12,587.0	-10,128.9	383.2	10,136.2	0.00	0.00	0.00
22,798.1	90.00	179.51	12,587.0	-10,227.0	384.0	10,234.2	0.00	0.00	0.00
PBHL (WW 22 FC #713H)									

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #713H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3374.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3374.0usft
Site:	Wild Weasel 22 Fed Com	North Reference:	Grid
Well:	#713H	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 #713H - plan hits target center - Point	0.00	0.00	12,109.5	182.0	295.0	409,618.00	810,724.00	32° 7' 23.263 N	103° 27' 47.379 W
FTP (WW 22 FC #713H) - plan misses target center by 163.4usft at 12519.2usft MD (12466.4 TVD, 21.7 N, 296.4 E) - Point	0.00	0.00	12,587.0	132.0	295.0	409,568.00	810,724.00	32° 7' 22.768 N	103° 27' 47.384 W
PBHL (WW 22 FC #713H) - plan hits target center - Point	0.00	0.00	12,587.0	-10,227.0	384.0	399,209.00	810,813.00	32° 5' 40.258 N	103° 27' 47.322 W