



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



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Wild Weasel 22 Fed Com
Well: #713H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #713H
TVD Reference: KB = 25 @ 3374.0usft
MD Reference: KB = 25 @ 3374.0usft
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	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
	+E/-W	-4,081.0 usft	Easting:	810,429.00 usft
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
	IGRF2015	8/28/2018	(°)	(°)	(nT)
			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)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	177.85

Plan Survey Tool Program	Date 8/28/2018			
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks
(usft)	(usft)			
1	0.0	22,798.1 Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
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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 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	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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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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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
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Wild Weasel 22 Fed Com
 Well: #713H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #713H
 TVD Reference: KB = 25 @ 3374.0usft
 MD Reference: KB = 25 @ 3374.0usft
 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)
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



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Wild Weasel 22 Fed Com
 Well: #713H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #713H
 TVD Reference: KB = 25 @ 3374.0usft
 MD Reference: KB = 25 @ 3374.0usft
 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)
18,700.0	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)



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Wild Weasel 22 Fed Com
Well: #713H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #713H
TVD Reference: KB = 25 @ 3374.0usft
MD Reference: KB = 25 @ 3374.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
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



Lea County, NM (NAD 83 NME)
Wild Weasel 22 Fed Com #713H
Plan #0.1

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: #713H

KB = 25 @ 3374.0usft 3349.0
Northing 408438.00 Easting 810428.00 Latitude 32° 7' 21.485 N Longitude 103° 27' 50.827 W

Asimuth to Grid North
True North: 0.49°
Magnetic North: 6.30°
Magnetic Field
Strength: 4708 Gauss
Dip Angle: 59.37°
Date: 02/22/2015
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.30°
To convert a Magnetic Direction to a True Direction, Add 6.77° East
To convert a True Direction to a Grid Direction, Subtract 0.49°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3110.3	2.21	58.33	3110.3	1.1	1.8	2.00	58.33	-1.0	
4	12005.9	2.21	58.33	11999.2	180.9	293.2	0.00	0.00	-169.8	
5	12116.1	0.00	0.00	12109.5	182.0	295.0	2.00	180.00	-170.8	KOP (WW 22 FC #713H)
6	12866.1	90.00	179.51	12587.0	-295.4	299.1	12.00	179.51	306.5	
7	22798.1	90.00	179.51	12587.0	-10227.0	384.0	0.00	0.00	10234.2	PBHL (WW 22 FC #713H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
KOP (WW 22 FC #713H)	12109.5	182.0	295.0	409618.00	810724.00
FTP (WW 22 FC #713H)	12587.0	132.0	295.0	409585.00	810724.00
PBHL (WW 22 FC #713H)	12587.0	-10227.0	384.0	399209.00	810813.00

