



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Wild Weasel 22 Fed Com

#710H

OH

Plan: Plan #0.1

Standard Planning Report

30 August, 2018

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Wild Weasel 22 Fed Com
Well: #710H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #710H
TVD Reference: KB = 25 @ 3380.0usft
MD Reference: KB = 25 @ 3380.0usft
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	#710H				
Well Position	+N/-S	-234.0 usft	Northing:	409,200.00 usft	Latitude: 32° 7' 19.003 N
	+E/-W	-2,245.0 usft	Easting:	812,265.00 usft	Longitude: 103° 27' 29.501 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level: 3,355.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2015	8/28/2018	6.76	59.97	47,766.79752474

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	182.64	

Plan Survey Tool Program Date 8/28/2018

Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,821.4 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	
3,223.8	4.48	307.64	3,223.6	5.3	-6.9	2.00	2.00	0.00	307.64	
11,915.6	4.48	307.64	11,888.9	419.7	-544.1	0.00	0.00	0.00	0.00	
12,139.5	0.00	0.00	12,112.5	425.0	-551.0	2.00	-2.00	0.00	180.00	KOP (WW 22 FC #71)
12,889.5	90.00	179.50	12,590.0	-52.4	-546.9	12.00	12.00	23.93	179.50	
22,821.4	90.00	179.50	12,590.0	-9,984.0	-461.0	0.00	0.00	0.00	0.00	PBHL (WW 22 FC #7)

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 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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	307.64	3,100.0	1.1	-1.4	-1.0	2.00	2.00	0.00
3,200.0	4.00	307.64	3,199.8	4.3	-5.5	-4.0	2.00	2.00	0.00
3,223.8	4.48	307.64	3,223.6	5.3	-6.9	-5.0	2.00	2.00	0.00
3,300.0	4.48	307.64	3,299.5	9.0	-11.6	-8.4	0.00	0.00	0.00
3,400.0	4.48	307.64	3,399.2	13.7	-17.8	-12.9	0.00	0.00	0.00
3,500.0	4.48	307.64	3,498.9	18.5	-24.0	-17.4	0.00	0.00	0.00
3,600.0	4.48	307.64	3,598.6	23.3	-30.2	-21.9	0.00	0.00	0.00
3,700.0	4.48	307.64	3,698.3	28.0	-36.3	-26.3	0.00	0.00	0.00
3,800.0	4.48	307.64	3,798.0	32.8	-42.5	-30.8	0.00	0.00	0.00
3,900.0	4.48	307.64	3,897.7	37.6	-48.7	-35.3	0.00	0.00	0.00
4,000.0	4.48	307.64	3,997.4	42.3	-54.9	-39.8	0.00	0.00	0.00
4,100.0	4.48	307.64	4,097.1	47.1	-61.1	-44.2	0.00	0.00	0.00
4,200.0	4.48	307.64	4,196.8	51.9	-67.2	-48.7	0.00	0.00	0.00
4,300.0	4.48	307.64	4,296.5	56.6	-73.4	-53.2	0.00	0.00	0.00
4,400.0	4.48	307.64	4,396.2	61.4	-79.6	-57.7	0.00	0.00	0.00
4,500.0	4.48	307.64	4,495.9	66.2	-85.8	-62.1	0.00	0.00	0.00
4,600.0	4.48	307.64	4,595.6	70.9	-92.0	-66.6	0.00	0.00	0.00
4,700.0	4.48	307.64	4,695.3	75.7	-98.1	-71.1	0.00	0.00	0.00
4,800.0	4.48	307.64	4,795.0	80.5	-104.3	-75.6	0.00	0.00	0.00
4,900.0	4.48	307.64	4,894.7	85.2	-110.5	-80.1	0.00	0.00	0.00
5,000.0	4.48	307.64	4,994.4	90.0	-116.7	-84.5	0.00	0.00	0.00
5,100.0	4.48	307.64	5,094.0	94.8	-122.9	-89.0	0.00	0.00	0.00
5,200.0	4.48	307.64	5,193.7	99.5	-129.0	-93.5	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)
5,300.0	4.48	307.64	5,293.4	104.3	-135.2	-98.0	0.00	0.00	0.00
5,400.0	4.48	307.64	5,393.1	109.1	-141.4	-102.4	0.00	0.00	0.00
5,500.0	4.48	307.64	5,492.8	113.8	-147.6	-106.9	0.00	0.00	0.00
5,600.0	4.48	307.64	5,592.5	118.6	-153.8	-111.4	0.00	0.00	0.00
5,700.0	4.48	307.64	5,692.2	123.4	-159.9	-115.9	0.00	0.00	0.00
5,800.0	4.48	307.64	5,791.9	128.1	-166.1	-120.3	0.00	0.00	0.00
5,900.0	4.48	307.64	5,891.6	132.9	-172.3	-124.8	0.00	0.00	0.00
6,000.0	4.48	307.64	5,991.3	137.7	-178.5	-129.3	0.00	0.00	0.00
6,100.0	4.48	307.64	6,091.0	142.4	-184.7	-133.8	0.00	0.00	0.00
6,200.0	4.48	307.64	6,190.7	147.2	-190.8	-138.2	0.00	0.00	0.00
6,300.0	4.48	307.64	6,290.4	152.0	-197.0	-142.7	0.00	0.00	0.00
6,400.0	4.48	307.64	6,390.1	156.7	-203.2	-147.2	0.00	0.00	0.00
6,500.0	4.48	307.64	6,489.8	161.5	-209.4	-151.7	0.00	0.00	0.00
6,600.0	4.48	307.64	6,589.5	166.3	-215.6	-156.2	0.00	0.00	0.00
6,700.0	4.48	307.64	6,689.2	171.0	-221.7	-160.6	0.00	0.00	0.00
6,800.0	4.48	307.64	6,788.9	175.8	-227.9	-165.1	0.00	0.00	0.00
6,900.0	4.48	307.64	6,888.6	180.6	-234.1	-169.6	0.00	0.00	0.00
7,000.0	4.48	307.64	6,988.3	185.3	-240.3	-174.1	0.00	0.00	0.00
7,100.0	4.48	307.64	7,087.9	190.1	-246.5	-178.5	0.00	0.00	0.00
7,200.0	4.48	307.64	7,187.6	194.9	-252.7	-183.0	0.00	0.00	0.00
7,300.0	4.48	307.64	7,287.3	199.6	-258.8	-187.5	0.00	0.00	0.00
7,400.0	4.48	307.64	7,387.0	204.4	-265.0	-192.0	0.00	0.00	0.00
7,500.0	4.48	307.64	7,486.7	209.2	-271.2	-196.4	0.00	0.00	0.00
7,600.0	4.48	307.64	7,586.4	213.9	-277.4	-200.9	0.00	0.00	0.00
7,700.0	4.48	307.64	7,686.1	218.7	-283.6	-205.4	0.00	0.00	0.00
7,800.0	4.48	307.64	7,785.8	223.5	-289.7	-209.9	0.00	0.00	0.00
7,900.0	4.48	307.64	7,885.5	228.2	-295.9	-214.4	0.00	0.00	0.00
8,000.0	4.48	307.64	7,985.2	233.0	-302.1	-218.8	0.00	0.00	0.00
8,100.0	4.48	307.64	8,084.9	237.8	-308.3	-223.3	0.00	0.00	0.00
8,200.0	4.48	307.64	8,184.6	242.5	-314.5	-227.8	0.00	0.00	0.00
8,300.0	4.48	307.64	8,284.3	247.3	-320.6	-232.3	0.00	0.00	0.00
8,400.0	4.48	307.64	8,384.0	252.1	-326.8	-236.7	0.00	0.00	0.00
8,500.0	4.48	307.64	8,483.7	256.8	-333.0	-241.2	0.00	0.00	0.00
8,600.0	4.48	307.64	8,583.4	261.6	-339.2	-245.7	0.00	0.00	0.00
8,700.0	4.48	307.64	8,683.1	266.4	-345.4	-250.2	0.00	0.00	0.00
8,800.0	4.48	307.64	8,782.8	271.1	-351.5	-254.6	0.00	0.00	0.00
8,900.0	4.48	307.64	8,882.5	275.9	-357.7	-259.1	0.00	0.00	0.00
9,000.0	4.48	307.64	8,982.2	280.7	-363.9	-263.6	0.00	0.00	0.00
9,100.0	4.48	307.64	9,081.8	285.4	-370.1	-268.1	0.00	0.00	0.00
9,200.0	4.48	307.64	9,181.5	290.2	-376.3	-272.5	0.00	0.00	0.00
9,300.0	4.48	307.64	9,281.2	295.0	-382.4	-277.0	0.00	0.00	0.00
9,400.0	4.48	307.64	9,380.9	299.7	-388.6	-281.5	0.00	0.00	0.00
9,500.0	4.48	307.64	9,480.6	304.5	-394.8	-286.0	0.00	0.00	0.00
9,600.0	4.48	307.64	9,580.3	309.3	-401.0	-290.5	0.00	0.00	0.00
9,700.0	4.48	307.64	9,680.0	314.0	-407.2	-294.9	0.00	0.00	0.00
9,800.0	4.48	307.64	9,779.7	318.8	-413.3	-299.4	0.00	0.00	0.00
9,900.0	4.48	307.64	9,879.4	323.6	-419.5	-303.9	0.00	0.00	0.00
10,000.0	4.48	307.64	9,979.1	328.3	-425.7	-308.4	0.00	0.00	0.00
10,100.0	4.48	307.64	10,078.8	333.1	-431.9	-312.8	0.00	0.00	0.00
10,200.0	4.48	307.64	10,178.5	337.9	-438.1	-317.3	0.00	0.00	0.00
10,300.0	4.48	307.64	10,278.2	342.6	-444.2	-321.8	0.00	0.00	0.00
10,400.0	4.48	307.64	10,377.9	347.4	-450.4	-326.3	0.00	0.00	0.00
10,500.0	4.48	307.64	10,477.6	352.2	-456.6	-330.7	0.00	0.00	0.00
10,600.0	4.48	307.64	10,577.3	356.9	-462.8	-335.2	0.00	0.00	0.00

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10,700.0	4.48	307.64	10,677.0	361.7	-469.0	-339.7	0.00	0.00	0.00
10,800.0	4.48	307.64	10,776.7	366.5	-475.1	-344.2	0.00	0.00	0.00
10,900.0	4.48	307.64	10,876.4	371.2	-481.3	-348.7	0.00	0.00	0.00
11,000.0	4.48	307.64	10,976.1	376.0	-487.5	-353.1	0.00	0.00	0.00
11,100.0	4.48	307.64	11,075.7	380.8	-493.7	-357.6	0.00	0.00	0.00
11,200.0	4.48	307.64	11,175.4	385.5	-499.9	-362.1	0.00	0.00	0.00
11,300.0	4.48	307.64	11,275.1	390.3	-506.0	-366.6	0.00	0.00	0.00
11,400.0	4.48	307.64	11,374.8	395.1	-512.2	-371.0	0.00	0.00	0.00
11,500.0	4.48	307.64	11,474.5	399.8	-518.4	-375.5	0.00	0.00	0.00
11,600.0	4.48	307.64	11,574.2	404.6	-524.6	-380.0	0.00	0.00	0.00
11,700.0	4.48	307.64	11,673.9	409.4	-530.8	-384.5	0.00	0.00	0.00
11,800.0	4.48	307.64	11,773.6	414.1	-536.9	-388.9	0.00	0.00	0.00
11,900.0	4.48	307.64	11,873.3	418.9	-543.1	-393.4	0.00	0.00	0.00
11,915.6	4.48	307.64	11,888.9	419.7	-544.1	-394.1	0.00	0.00	0.00
12,000.0	2.79	307.64	11,973.1	422.9	-548.3	-397.2	2.00	-2.00	0.00
12,100.0	0.79	307.64	12,073.0	424.8	-550.8	-399.0	2.00	-2.00	0.00
12,139.5	0.00	0.00	12,112.5	425.0	-551.0	-399.1	2.00	-2.00	0.00
KOP (WW 22 FC #710H)									
12,150.0	1.26	179.50	12,123.0	424.9	-551.0	-399.0	12.00	12.00	0.00
12,175.0	4.26	179.50	12,148.0	423.7	-551.0	-397.8	12.00	12.00	0.00
12,200.0	7.26	179.50	12,172.9	421.2	-551.0	-395.3	12.00	12.00	0.00
12,225.0	10.26	179.50	12,197.6	417.4	-550.9	-391.5	12.00	12.00	0.00
12,250.0	13.26	179.50	12,222.0	412.3	-550.9	-386.4	12.00	12.00	0.00
12,275.0	16.26	179.50	12,246.2	405.9	-550.8	-380.1	12.00	12.00	0.00
12,300.0	19.26	179.50	12,270.0	398.3	-550.8	-372.4	12.00	12.00	0.00
12,325.0	22.26	179.50	12,293.4	389.4	-550.7	-363.6	12.00	12.00	0.00
12,350.0	25.26	179.50	12,316.3	379.3	-550.6	-353.5	12.00	12.00	0.00
12,375.0	28.26	179.50	12,338.6	368.1	-550.5	-342.3	12.00	12.00	0.00
12,400.0	31.26	179.50	12,360.3	355.7	-550.4	-329.9	12.00	12.00	0.00
12,425.0	34.26	179.50	12,381.3	342.1	-550.3	-316.4	12.00	12.00	0.00
12,450.0	37.26	179.50	12,401.6	327.5	-550.2	-301.8	12.00	12.00	0.00
12,475.0	40.26	179.50	12,421.1	311.9	-550.0	-286.2	12.00	12.00	0.00
12,500.0	43.26	179.50	12,439.7	295.2	-549.9	-269.6	12.00	12.00	0.00
12,525.0	46.26	179.50	12,457.5	277.8	-549.7	-252.0	12.00	12.00	0.00
12,542.0	48.30	179.50	12,469.0	265.2	-549.6	-239.5	12.00	12.00	0.00
FTP (WW 22 FC #710H)									
12,550.0	49.26	179.50	12,474.3	259.1	-549.6	-233.5	12.00	12.00	0.00
12,575.0	52.26	179.50	12,490.1	239.8	-549.4	-214.2	12.00	12.00	0.00
12,600.0	55.26	179.50	12,504.9	219.6	-549.2	-194.0	12.00	12.00	0.00
12,625.0	58.26	179.50	12,518.6	198.7	-549.0	-173.2	12.00	12.00	0.00
12,650.0	61.26	179.50	12,531.2	177.1	-548.9	-151.6	12.00	12.00	0.00
12,675.0	64.26	179.50	12,542.6	154.9	-548.7	-129.4	12.00	12.00	0.00
12,700.0	67.26	179.50	12,552.9	132.1	-548.5	-106.6	12.00	12.00	0.00
12,725.0	70.26	179.50	12,561.9	108.8	-548.3	-83.4	12.00	12.00	0.00
12,750.0	73.26	179.50	12,569.7	85.0	-548.1	-59.7	12.00	12.00	0.00
12,775.0	76.26	179.50	12,576.3	60.9	-547.9	-35.6	12.00	12.00	0.00
12,800.0	79.26	179.50	12,581.6	36.5	-547.6	-11.2	12.00	12.00	0.00
12,825.0	82.26	179.50	12,585.6	11.8	-547.4	13.4	12.00	12.00	0.00
12,850.0	85.26	179.50	12,588.3	-13.0	-547.2	38.3	12.00	12.00	0.00
12,875.0	88.26	179.50	12,589.7	-38.0	-547.0	63.2	12.00	12.00	0.00
12,889.5	90.00	179.50	12,590.0	-52.4	-546.9	77.6	12.00	12.00	0.00
12,900.0	90.00	179.50	12,590.0	-63.0	-546.8	88.1	0.00	0.00	0.00
13,000.0	90.00	179.50	12,590.0	-163.0	-545.9	188.0	0.00	0.00	0.00
13,100.0	90.00	179.50	12,590.0	-263.0	-545.1	287.8	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: #710H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #710H
 TVD Reference: KB = 25 @ 3380.0usft
 MD Reference: KB = 25 @ 3380.0usft
 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)
13,200.0	90.00	179.50	12,590.0	-363.0	-544.2	387.7	0.00	0.00	0.00
13,300.0	90.00	179.50	12,590.0	-463.0	-543.3	487.5	0.00	0.00	0.00
13,400.0	90.00	179.50	12,590.0	-563.0	-542.5	587.4	0.00	0.00	0.00
13,500.0	90.00	179.50	12,590.0	-663.0	-541.6	687.2	0.00	0.00	0.00
13,600.0	90.00	179.50	12,590.0	-763.0	-540.7	787.1	0.00	0.00	0.00
13,700.0	90.00	179.50	12,590.0	-862.9	-539.9	886.9	0.00	0.00	0.00
13,800.0	90.00	179.50	12,590.0	-962.9	-539.0	986.8	0.00	0.00	0.00
13,900.0	90.00	179.50	12,590.0	-1,062.9	-538.1	1,086.6	0.00	0.00	0.00
14,000.0	90.00	179.50	12,590.0	-1,162.9	-537.3	1,186.5	0.00	0.00	0.00
14,100.0	90.00	179.50	12,590.0	-1,262.9	-536.4	1,286.3	0.00	0.00	0.00
14,200.0	90.00	179.50	12,590.0	-1,362.9	-535.5	1,386.2	0.00	0.00	0.00
14,300.0	90.00	179.50	12,590.0	-1,462.9	-534.7	1,486.0	0.00	0.00	0.00
14,400.0	90.00	179.50	12,590.0	-1,562.9	-533.8	1,585.9	0.00	0.00	0.00
14,500.0	90.00	179.50	12,590.0	-1,662.9	-532.9	1,685.7	0.00	0.00	0.00
14,600.0	90.00	179.50	12,590.0	-1,762.9	-532.1	1,785.6	0.00	0.00	0.00
14,700.0	90.00	179.50	12,590.0	-1,862.9	-531.2	1,885.4	0.00	0.00	0.00
14,800.0	90.00	179.50	12,590.0	-1,962.9	-530.4	1,985.3	0.00	0.00	0.00
14,900.0	90.00	179.50	12,590.0	-2,062.9	-529.5	2,085.1	0.00	0.00	0.00
15,000.0	90.00	179.50	12,590.0	-2,162.9	-528.6	2,185.0	0.00	0.00	0.00
15,100.0	90.00	179.50	12,590.0	-2,262.9	-527.8	2,284.8	0.00	0.00	0.00
15,200.0	90.00	179.50	12,590.0	-2,362.9	-526.9	2,384.7	0.00	0.00	0.00
15,300.0	90.00	179.50	12,590.0	-2,462.9	-526.0	2,484.5	0.00	0.00	0.00
15,400.0	90.00	179.50	12,590.0	-2,562.9	-525.2	2,584.4	0.00	0.00	0.00
15,500.0	90.00	179.50	12,590.0	-2,662.9	-524.3	2,684.2	0.00	0.00	0.00
15,600.0	90.00	179.50	12,590.0	-2,762.9	-523.4	2,784.1	0.00	0.00	0.00
15,700.0	90.00	179.50	12,590.0	-2,862.9	-522.6	2,883.9	0.00	0.00	0.00
15,800.0	90.00	179.50	12,590.0	-2,962.9	-521.7	2,983.8	0.00	0.00	0.00
15,900.0	90.00	179.50	12,590.0	-3,062.9	-520.8	3,083.6	0.00	0.00	0.00
16,000.0	90.00	179.50	12,590.0	-3,162.9	-520.0	3,183.5	0.00	0.00	0.00
16,100.0	90.00	179.50	12,590.0	-3,262.9	-519.1	3,283.3	0.00	0.00	0.00
16,200.0	90.00	179.50	12,590.0	-3,362.9	-518.2	3,383.2	0.00	0.00	0.00
16,300.0	90.00	179.50	12,590.0	-3,462.9	-517.4	3,483.0	0.00	0.00	0.00
16,400.0	90.00	179.50	12,590.0	-3,562.8	-516.5	3,582.9	0.00	0.00	0.00
16,500.0	90.00	179.50	12,590.0	-3,662.8	-515.7	3,682.7	0.00	0.00	0.00
16,600.0	90.00	179.50	12,590.0	-3,762.8	-514.8	3,782.6	0.00	0.00	0.00
16,700.0	90.00	179.50	12,590.0	-3,862.8	-513.9	3,882.4	0.00	0.00	0.00
16,800.0	90.00	179.50	12,590.0	-3,962.8	-513.1	3,982.3	0.00	0.00	0.00
16,900.0	90.00	179.50	12,590.0	-4,062.8	-512.2	4,082.1	0.00	0.00	0.00
17,000.0	90.00	179.50	12,590.0	-4,162.8	-511.3	4,182.0	0.00	0.00	0.00
17,100.0	90.00	179.50	12,590.0	-4,262.8	-510.5	4,281.8	0.00	0.00	0.00
17,200.0	90.00	179.50	12,590.0	-4,362.8	-509.6	4,381.7	0.00	0.00	0.00
17,300.0	90.00	179.50	12,590.0	-4,462.8	-508.7	4,481.5	0.00	0.00	0.00
17,400.0	90.00	179.50	12,590.0	-4,562.8	-507.9	4,581.4	0.00	0.00	0.00
17,500.0	90.00	179.50	12,590.0	-4,662.8	-507.0	4,681.2	0.00	0.00	0.00
17,600.0	90.00	179.50	12,590.0	-4,762.8	-506.1	4,781.1	0.00	0.00	0.00
17,700.0	90.00	179.50	12,590.0	-4,862.8	-505.3	4,880.9	0.00	0.00	0.00
17,800.0	90.00	179.50	12,590.0	-4,962.8	-504.4	4,980.8	0.00	0.00	0.00
17,900.0	90.00	179.50	12,590.0	-5,062.8	-503.6	5,080.6	0.00	0.00	0.00
18,000.0	90.00	179.50	12,590.0	-5,162.8	-502.7	5,180.5	0.00	0.00	0.00
18,100.0	90.00	179.50	12,590.0	-5,262.8	-501.8	5,280.3	0.00	0.00	0.00
18,200.0	90.00	179.50	12,590.0	-5,362.8	-501.0	5,380.2	0.00	0.00	0.00
18,300.0	90.00	179.50	12,590.0	-5,462.8	-500.1	5,480.0	0.00	0.00	0.00
18,400.0	90.00	179.50	12,590.0	-5,562.8	-499.2	5,579.9	0.00	0.00	0.00
18,500.0	90.00	179.50	12,590.0	-5,662.8	-498.4	5,679.7	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: #710H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #710H
TVD Reference: KB = 25 @ 3380.0usft
MD Reference: KB = 25 @ 3380.0usft
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	179.50	12,590.0	-5,762.8	-497.5	5,779.6	0.00	0.00	0.00
18,700.0	90.00	179.50	12,590.0	-5,862.8	-496.6	5,879.4	0.00	0.00	0.00
18,800.0	90.00	179.50	12,590.0	-5,962.8	-495.8	5,979.3	0.00	0.00	0.00
18,900.0	90.00	179.50	12,590.0	-6,062.8	-494.9	6,079.1	0.00	0.00	0.00
19,000.0	90.00	179.50	12,590.0	-6,162.7	-494.0	6,179.0	0.00	0.00	0.00
19,100.0	90.00	179.50	12,590.0	-6,262.7	-493.2	6,278.8	0.00	0.00	0.00
19,200.0	90.00	179.50	12,590.0	-6,362.7	-492.3	6,378.7	0.00	0.00	0.00
19,300.0	90.00	179.50	12,590.0	-6,462.7	-491.4	6,478.5	0.00	0.00	0.00
19,400.0	90.00	179.50	12,590.0	-6,562.7	-490.6	6,578.4	0.00	0.00	0.00
19,500.0	90.00	179.50	12,590.0	-6,662.7	-489.7	6,678.2	0.00	0.00	0.00
19,600.0	90.00	179.50	12,590.0	-6,762.7	-488.9	6,778.1	0.00	0.00	0.00
19,700.0	90.00	179.50	12,590.0	-6,862.7	-488.0	6,877.9	0.00	0.00	0.00
19,800.0	90.00	179.50	12,590.0	-6,962.7	-487.1	6,977.8	0.00	0.00	0.00
19,900.0	90.00	179.50	12,590.0	-7,062.7	-486.3	7,077.6	0.00	0.00	0.00
20,000.0	90.00	179.50	12,590.0	-7,162.7	-485.4	7,177.5	0.00	0.00	0.00
20,100.0	90.00	179.50	12,590.0	-7,262.7	-484.5	7,277.3	0.00	0.00	0.00
20,200.0	90.00	179.50	12,590.0	-7,362.7	-483.7	7,377.2	0.00	0.00	0.00
20,300.0	90.00	179.50	12,590.0	-7,462.7	-482.8	7,477.0	0.00	0.00	0.00
20,400.0	90.00	179.50	12,590.0	-7,562.7	-481.9	7,576.9	0.00	0.00	0.00
20,500.0	90.00	179.50	12,590.0	-7,662.7	-481.1	7,676.7	0.00	0.00	0.00
20,600.0	90.00	179.50	12,590.0	-7,762.7	-480.2	7,776.6	0.00	0.00	0.00
20,700.0	90.00	179.50	12,590.0	-7,862.7	-479.3	7,876.4	0.00	0.00	0.00
20,800.0	90.00	179.50	12,590.0	-7,962.7	-478.5	7,976.3	0.00	0.00	0.00
20,900.0	90.00	179.50	12,590.0	-8,062.7	-477.6	8,076.1	0.00	0.00	0.00
21,000.0	90.00	179.50	12,590.0	-8,162.7	-476.7	8,176.0	0.00	0.00	0.00
21,100.0	90.00	179.50	12,590.0	-8,262.7	-475.9	8,275.8	0.00	0.00	0.00
21,200.0	90.00	179.50	12,590.0	-8,362.7	-475.0	8,375.7	0.00	0.00	0.00
21,300.0	90.00	179.50	12,590.0	-8,462.7	-474.2	8,475.5	0.00	0.00	0.00
21,400.0	90.00	179.50	12,590.0	-8,562.7	-473.3	8,575.4	0.00	0.00	0.00
21,500.0	90.00	179.50	12,590.0	-8,662.7	-472.4	8,675.2	0.00	0.00	0.00
21,600.0	90.00	179.50	12,590.0	-8,762.7	-471.6	8,775.1	0.00	0.00	0.00
21,700.0	90.00	179.50	12,590.0	-8,862.6	-470.7	8,874.9	0.00	0.00	0.00
21,800.0	90.00	179.50	12,590.0	-8,962.6	-469.8	8,974.8	0.00	0.00	0.00
21,900.0	90.00	179.50	12,590.0	-9,062.6	-469.0	9,074.6	0.00	0.00	0.00
22,000.0	90.00	179.50	12,590.0	-9,162.6	-468.1	9,174.5	0.00	0.00	0.00
22,100.0	90.00	179.50	12,590.0	-9,262.6	-467.2	9,274.3	0.00	0.00	0.00
22,200.0	90.00	179.50	12,590.0	-9,362.6	-466.4	9,374.2	0.00	0.00	0.00
22,300.0	90.00	179.50	12,590.0	-9,462.6	-465.5	9,474.0	0.00	0.00	0.00
22,400.0	90.00	179.50	12,590.0	-9,562.6	-464.6	9,573.9	0.00	0.00	0.00
22,500.0	90.00	179.50	12,590.0	-9,662.6	-463.8	9,673.7	0.00	0.00	0.00
22,600.0	90.00	179.50	12,590.0	-9,762.6	-462.9	9,773.6	0.00	0.00	0.00
22,700.0	90.00	179.50	12,590.0	-9,862.6	-462.0	9,873.4	0.00	0.00	0.00
22,800.0	90.00	179.50	12,590.0	-9,962.6	-461.2	9,973.3	0.00	0.00	0.00
22,821.4	90.00	179.50	12,590.0	-9,984.0	-461.0	9,994.6	0.00	0.00	0.00

PBHL (WW 22 FC #710H)

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Wild Weasel 22 Fed Com
Well: #710H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #710H
TVD Reference: KB = 25 @ 3380.0usft
MD Reference: KB = 25 @ 3380.0usft
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 #710H - plan hits target center - Point	0.00	0.00	12,112.5	425.0	-551.0	409,625.00	811,714.00	32° 7' 23.253 N	103° 27' 35.867 W
PBHL (WW 22 FC #710H - plan hits target center - Point	0.00	0.00	12,590.0	-9,984.0	-461.0	399,216.00	811,804.00	32° 5' 40.248 N	103° 27' 35.802 W
FTP (WW 22 FC #710H) - plan misses target center by 163.4usft at 12542.0usft MD (12469.0 TVD, 265.2 N, -549.6 E) - Point	0.00	0.00	12,590.0	375.0	-551.0	409,575.00	811,714.00	32° 7' 22.758 N	103° 27' 35.872 W



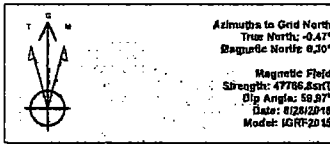
Lea County, NM (NAD 83 NME)
Wild Weasel 22 Fed Com #710H
Plan #0.1

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: #710H

KB = 25 @ 3380.0usft
Northing 408200.00 Easting 812265.00 Latitude 32° 7' 19.003 N Longitude 103° 27' 29.501 W



To convert a Magnetic Direction to a Grid Direction, Add 6.30°
To convert a Magnetic Direction to a True Direction, Add 6.78° East
To convert a True Direction to a Grid Direction, Subtract 0.47°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSec	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	3223.8	4.48	307.64	3223.6	5.3	-6.9	2.00	307.64	-5.0	
4	11915.6	4.48	307.64	11888.9	419.7	-544.1	0.00	0.00	-394.1	
5	12139.5	0.00	0.00	12112.5	425.0	-551.0	2.00	180.00	-399.1	KOP (WW 22 FC #710H)
6	12889.5	90.00	179.50	12590.0	-52.4	-546.9	12.00	179.50	77.6	
7	22821.4	90.00	179.50	12590.0	-9984.0	-461.0	0.00	0.00	9994.6	PBHL (WW 22 FC #710H)

CASINO DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
KOP (WW 22 FC #710H)	12112.5	425.0	-551.0	408200.00	811714.00
FTP (WW 22 FC #710H)	11960.0	375.0	-561.0	409176.00	811714.00
PBHL (WW 22 FC #710H)	12590.0	-9984.0	-461.0	399218.00	811804.00

