



EOG Resources, Inc - RM

Weld County, CO

Sec. 26, T11N, R63W, 6th P.M

Critter Creek #21-26H

Wellbore #1

Survey: Critter Creek #21-26H

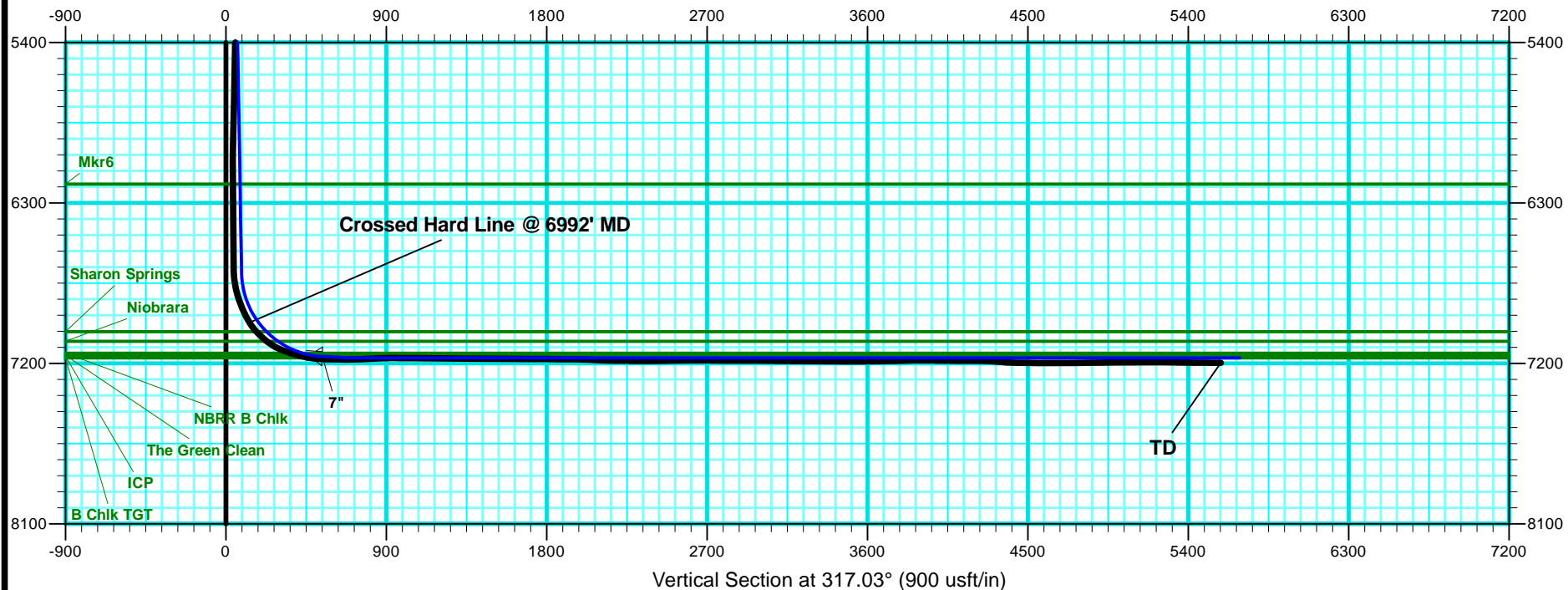
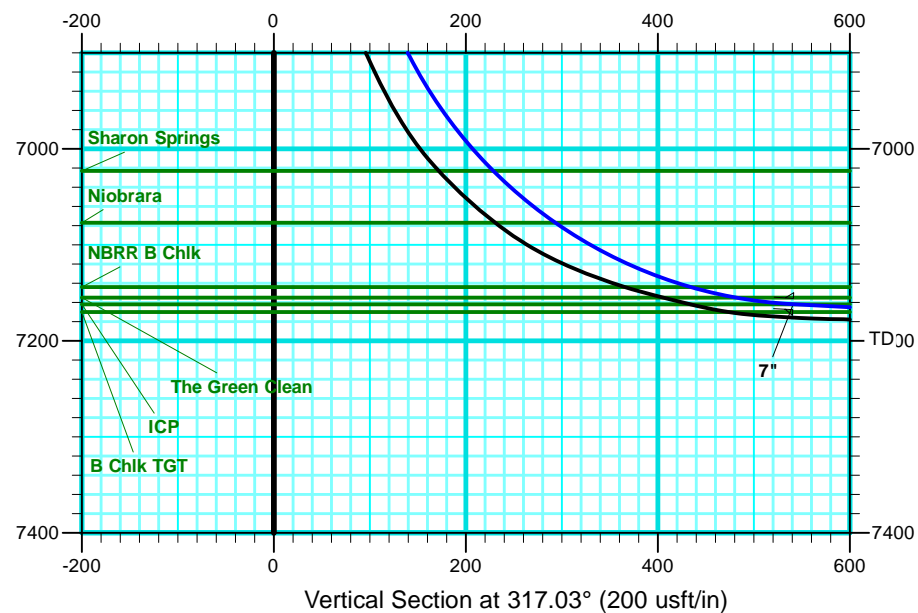
DDC Survey Report

21 December, 2010





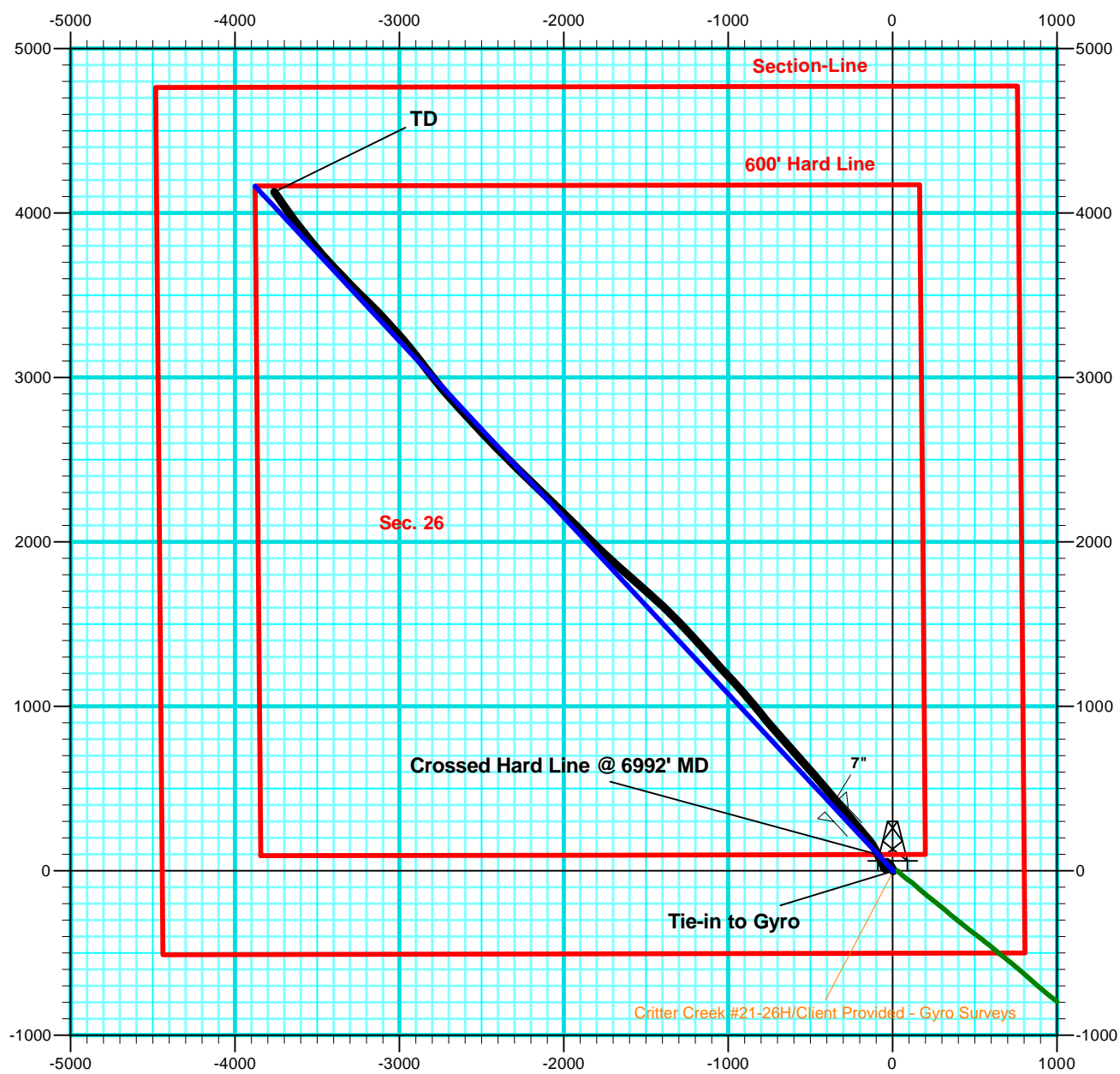
Weld County, CO
Critter Creek #21-26H
RM-10568



Weld County, CO

Critter Creek #21-26H

RM-10568



Company:	EOG Resources, Inc - RM	Local Co-ordinate Reference:	Well Critter Creek #21-26H
Project:	Weld County, CO	TVD Reference:	WELL @ 5184.0usft (SST #53)
Site:	Sec. 26, T11N, R63W, 6th P.M	MD Reference:	WELL @ 5184.0usft (SST #53)
Well:	Critter Creek #21-26H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Weld County, CO		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Colorado North 501		

Site	Sec. 26, T11N, R63W, 6th P.M				
Site Position:		Northing:	568,137.98 usft	Latitude:	40° 53' 15.680 N
From:	Lat/Long	Easting:	2,306,229.11 usft	Longitude:	104° 23' 33.030 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.72 °

Well	Critter Creek #21-26H					
Well Position	+N-S	0.0 usft	Northing:	568,137.67 usft	Latitude:	40° 53' 15.680 N
	+E-W	0.0 usft	Easting:	2,306,205.30 usft	Longitude:	104° 23' 33.340 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	5,161.0 usft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	10/29/2010	8.75	67.53	53,508

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)	
	0.0	0.0	0.0	317.03	

Survey Program		Date	12/21/2010		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	1,170.0	Client Provided - Gyro Surveys (Wellbore ;	Good_gyro	Good Gyro	
1,298.0	12,520.0	Critter Creek #21-26H (Wellbore #1)	MWD default	MWD - Standard	

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)
Tie-in to Gyro									
1,170.0	0.33	131.71	1,170.0	-1.7	4.6	-4.4	0.00	0.00	0.00
1,298.0	0.80	64.80	1,298.0	-1.6	5.7	-5.0	0.58	0.37	-52.27
1,359.0	1.20	1.70	1,359.0	-0.8	6.1	-4.7	1.80	0.66	-103.44
1,421.0	2.10	336.40	1,420.9	0.9	5.6	-3.2	1.83	1.45	-40.81
1,483.0	2.50	331.30	1,482.9	3.1	4.5	-0.8	0.72	0.65	-8.23
1,575.0	2.50	332.70	1,574.8	6.7	2.6	3.1	0.07	0.00	1.52
1,667.0	2.40	330.40	1,666.7	10.1	0.8	6.9	0.15	-0.11	-2.50
1,760.0	2.50	329.40	1,759.6	13.6	-1.2	10.8	0.12	0.11	-1.08
1,852.0	2.50	332.00	1,851.6	17.1	-3.2	14.7	0.12	0.00	2.83

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Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
1,943.0	2.50	333.10	1,942.5	20.6	-5.0	18.5	0.05	0.00	1.21
2,038.0	2.90	327.60	2,037.4	24.5	-7.2	22.8	0.50	0.42	-5.79
2,134.0	3.00	328.00	2,133.2	28.6	-9.9	27.7	0.11	0.10	0.42
2,229.0	1.60	319.70	2,228.2	31.8	-12.1	31.5	1.51	-1.47	-8.74
2,323.0	1.60	322.70	2,322.1	33.8	-13.7	34.1	0.09	0.00	3.19
2,418.0	1.50	316.50	2,417.1	35.8	-15.4	36.6	0.21	-0.11	-6.53
2,513.0	1.30	325.70	2,512.1	37.6	-16.8	38.9	0.32	-0.21	9.68
2,608.0	1.20	320.20	2,607.0	39.2	-18.1	41.0	0.16	-0.11	-5.79
2,703.0	1.00	310.20	2,702.0	40.5	-19.3	42.8	0.29	-0.21	-10.53
2,798.0	1.10	304.80	2,797.0	41.6	-20.7	44.5	0.15	0.11	-5.68
2,956.0	1.10	293.90	2,955.0	43.0	-23.4	47.4	0.13	0.00	-6.90
3,054.0	1.00	315.00	3,053.0	44.0	-24.8	49.1	0.40	-0.10	21.53
3,151.0	1.10	326.20	3,149.9	45.4	-25.9	50.9	0.23	0.10	11.55
3,247.0	1.00	327.30	3,245.9	46.9	-26.9	52.6	0.11	-0.10	1.15
3,342.0	1.00	307.70	3,340.9	48.1	-28.0	54.3	0.36	0.00	-20.63
3,438.0	1.10	306.70	3,436.9	49.1	-29.4	56.0	0.11	0.10	-1.04
3,533.0	1.10	297.70	3,531.9	50.1	-30.9	57.8	0.18	0.00	-9.47
3,628.0	1.20	307.20	3,626.9	51.1	-32.5	59.6	0.23	0.11	10.00
3,723.0	1.20	298.10	3,721.8	52.2	-34.2	61.5	0.20	0.00	-9.58
3,819.0	1.10	287.70	3,817.8	53.0	-36.0	63.3	0.24	-0.10	-10.83
4,137.0	0.40	240.20	4,135.8	53.3	-39.8	66.2	0.28	-0.22	-14.94
4,454.0	1.20	223.20	4,452.8	50.4	-43.1	66.2	0.26	0.25	-5.36
4,772.0	1.50	201.40	4,770.7	44.1	-46.9	64.2	0.19	0.09	-6.86
5,088.0	2.10	198.40	5,086.5	34.7	-50.2	59.6	0.19	0.19	-0.95
5,405.0	1.80	175.70	5,403.3	24.2	-51.7	53.0	0.26	-0.09	-7.16
5,722.0	1.10	132.80	5,720.2	17.2	-49.1	46.0	0.39	-0.22	-13.53
5,882.0	1.20	124.80	5,880.2	15.2	-46.6	42.9	0.12	0.06	-5.00
6,009.0	1.00	142.50	6,007.2	13.6	-44.8	40.5	0.31	-0.16	13.94
6,072.0	0.70	156.60	6,070.2	12.8	-44.3	39.6	0.58	-0.48	22.38
6,136.0	0.10	41.40	6,134.2	12.5	-44.1	39.2	1.17	-0.94	-180.00
6,199.0	0.70	328.80	6,197.2	12.8	-44.3	39.6	1.07	0.95	-115.24
6,293.0	0.80	323.00	6,291.2	13.9	-45.0	40.8	0.13	0.11	-6.17
6,388.0	0.60	313.50	6,386.2	14.7	-45.7	41.9	0.24	-0.21	-10.00
6,483.0	0.60	310.90	6,481.2	15.4	-46.5	42.9	0.03	0.00	-2.74
6,610.0	0.40	262.90	6,608.1	15.8	-47.4	43.9	0.35	-0.16	-37.80
6,639.0	0.30	257.00	6,637.1	15.7	-47.6	44.0	0.37	-0.34	-20.34
6,671.0	0.90	277.30	6,669.1	15.8	-47.9	44.2	1.96	1.88	63.44
6,703.0	3.40	313.90	6,701.1	16.4	-48.9	45.3	8.53	7.81	114.38
6,734.0	6.90	325.00	6,732.0	18.6	-50.6	48.1	11.69	11.29	35.81
6,766.0	10.70	331.50	6,763.6	22.8	-53.1	52.9	12.26	11.88	20.31
6,797.0	14.30	335.90	6,793.9	28.8	-56.0	59.3	12.00	11.61	14.19
6,829.0	18.10	335.30	6,824.6	37.0	-59.7	67.8	11.89	11.88	-1.88
6,861.0	20.50	330.80	6,854.8	46.4	-64.5	77.9	8.82	7.50	-14.06

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6,892.0	23.00	332.90	6,883.6	56.5	-70.0	89.0	8.44	8.06	6.77
6,924.0	25.80	334.80	6,912.7	68.4	-75.8	101.7	9.09	8.75	5.94
6,956.0	29.00	335.90	6,941.1	81.7	-81.9	115.6	10.12	10.00	3.44
6,987.0	31.80	333.80	6,967.9	95.9	-88.6	130.6	9.66	9.03	-6.77
Crossed Hard Line @ 6992' MD									
6,992.0	32.71	333.76	6,972.1	98.3	-89.8	133.1	18.13	18.12	-0.71
7,019.0	37.60	333.60	6,994.2	112.3	-96.6	148.0	18.13	18.13	-0.61
7,051.0	42.70	332.70	7,018.6	130.7	-106.0	167.8	16.04	15.94	-2.81
7,082.0	46.50	328.80	7,040.7	149.6	-116.6	189.0	15.10	12.26	-12.58
7,114.0	49.20	323.40	7,062.2	169.3	-129.9	212.4	15.09	8.44	-16.88
7,146.0	53.60	320.60	7,082.1	189.0	-145.3	237.3	15.35	13.75	-8.75
7,177.0	58.60	320.40	7,099.4	208.8	-161.6	263.0	16.14	16.13	-0.65
7,209.0	63.70	320.20	7,114.9	230.4	-179.5	290.9	15.95	15.94	-0.63
7,241.0	68.20	319.50	7,127.9	252.7	-198.4	320.1	14.20	14.06	-2.19
7,273.0	71.10	319.90	7,139.0	275.6	-217.8	350.1	9.14	9.06	1.25
7,305.0	74.70	319.50	7,148.4	298.9	-237.6	380.6	11.31	11.25	-1.25
7,336.0	75.90	319.90	7,156.3	321.8	-256.9	410.6	4.07	3.87	1.29
7,368.0	76.80	320.60	7,163.8	345.7	-276.8	441.6	3.53	2.81	2.19
7,400.0	81.10	319.40	7,170.0	369.7	-297.0	473.0	13.93	13.44	-3.75
7,444.0	87.00	321.30	7,174.5	403.4	-324.9	516.7	14.08	13.41	4.32
7,475.0	86.80	320.40	7,176.2	427.4	-344.5	547.5	2.97	-0.65	-2.90
7,506.0	88.60	320.20	7,177.5	451.3	-364.2	578.5	5.84	5.81	-0.65
7,536.0	90.00	319.40	7,177.8	474.2	-383.6	608.4	5.37	4.67	-2.67
7,567.0	89.30	319.50	7,178.0	497.7	-403.8	639.4	2.28	-2.26	0.32
7,597.0	88.60	318.80	7,178.6	520.4	-423.4	669.4	3.30	-2.33	-2.33
7,629.0	90.50	319.50	7,178.8	544.6	-444.3	701.4	6.33	5.94	2.19
7,659.0	92.40	319.20	7,178.1	567.4	-463.8	731.3	6.41	6.33	-1.00
7,690.0	92.90	318.60	7,176.6	590.7	-484.2	762.3	2.52	1.61	-1.94
7,721.0	92.90	319.00	7,175.1	614.0	-504.6	793.2	1.29	0.00	1.29
7,752.0	92.60	319.50	7,173.6	637.5	-524.8	824.2	1.88	-0.97	1.61
7,783.0	91.10	319.50	7,172.6	661.0	-544.9	855.1	4.84	-4.84	0.00
7,813.0	91.10	319.00	7,172.0	683.7	-564.5	885.1	1.67	0.00	-1.67
7,905.0	89.70	318.10	7,171.3	752.7	-625.4	977.0	1.81	-1.52	-0.98
7,936.0	89.30	317.20	7,171.6	775.6	-646.3	1,008.0	3.18	-1.29	-2.90
7,966.0	90.10	318.60	7,171.8	797.9	-666.4	1,038.0	5.37	2.67	4.67
7,997.0	89.50	317.80	7,171.9	821.0	-687.1	1,069.0	3.23	-1.94	-2.58
8,029.0	89.80	319.00	7,172.1	844.9	-708.3	1,101.0	3.87	0.94	3.75
8,092.0	89.50	319.40	7,172.5	892.6	-749.5	1,164.0	0.79	-0.48	0.63
8,155.0	89.80	321.60	7,172.8	941.2	-789.5	1,226.8	3.52	0.48	3.49
8,219.0	89.70	320.40	7,173.1	990.9	-829.8	1,290.7	1.88	-0.16	-1.88
8,282.0	89.00	320.00	7,173.8	1,039.3	-870.1	1,353.6	1.28	-1.11	-0.63
8,345.0	89.40	319.50	7,174.7	1,087.4	-910.8	1,416.5	1.02	0.63	-0.79
8,410.0	90.00	317.20	7,175.1	1,136.0	-954.0	1,481.5	3.66	0.92	-3.54
8,472.0	89.50	315.80	7,175.3	1,180.9	-996.7	1,543.5	2.40	-0.81	-2.26

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8,535.0	89.70	317.40	7,175.8	1,226.7	-1,040.0	1,606.5	2.56	0.32	2.54
8,600.0	89.80	319.40	7,176.1	1,275.3	-1,083.2	1,671.5	3.08	0.15	3.08
8,663.0	89.80	318.50	7,176.3	1,322.8	-1,124.5	1,734.4	1.43	0.00	-1.43
8,726.0	90.00	317.20	7,176.4	1,369.5	-1,166.8	1,797.4	2.09	0.32	-2.06
8,789.0	89.60	316.50	7,176.6	1,415.5	-1,209.9	1,860.4	1.28	-0.63	-1.11
8,852.0	90.00	317.90	7,176.8	1,461.7	-1,252.7	1,923.4	2.31	0.63	2.22
8,916.0	88.20	315.60	7,177.8	1,508.3	-1,296.5	1,987.4	4.56	-2.81	-3.59
8,980.0	87.10	314.80	7,180.5	1,553.7	-1,341.6	2,051.3	2.12	-1.72	-1.25
9,012.0	87.10	315.30	7,182.1	1,576.3	-1,364.2	2,083.2	1.56	0.00	1.56
9,043.0	87.70	314.60	7,183.5	1,598.2	-1,386.1	2,114.2	2.97	1.94	-2.26
9,075.0	88.40	313.20	7,184.6	1,620.4	-1,409.1	2,146.1	4.89	2.19	-4.38
9,106.0	89.30	311.60	7,185.2	1,641.3	-1,432.0	2,177.0	5.92	2.90	-5.16
9,139.0	90.00	312.10	7,185.4	1,663.3	-1,456.6	2,209.9	2.61	2.12	1.52
9,171.0	89.40	311.40	7,185.6	1,684.6	-1,480.5	2,241.7	2.88	-1.88	-2.19
9,203.0	89.40	311.40	7,185.9	1,705.8	-1,504.5	2,273.6	0.00	0.00	0.00
9,238.0	89.90	311.40	7,186.1	1,728.9	-1,530.7	2,308.4	1.43	1.43	0.00
9,266.0	89.90	311.30	7,186.2	1,747.4	-1,551.7	2,336.3	0.36	0.00	-0.36
9,297.0	89.50	310.90	7,186.3	1,767.8	-1,575.1	2,367.1	1.82	-1.29	-1.29
9,329.0	90.00	311.30	7,186.5	1,788.8	-1,599.2	2,398.9	2.00	1.56	1.25
9,360.0	90.80	311.30	7,186.2	1,809.3	-1,622.5	2,429.8	2.58	2.58	0.00
9,393.0	91.20	311.40	7,185.7	1,831.1	-1,647.3	2,462.6	1.25	1.21	0.30
9,424.0	90.90	311.40	7,185.1	1,851.6	-1,670.5	2,493.5	0.97	-0.97	0.00
9,456.0	90.80	312.70	7,184.6	1,873.0	-1,694.3	2,525.3	4.07	-0.31	4.06
9,488.0	90.50	312.70	7,184.3	1,894.7	-1,717.8	2,557.2	0.94	-0.94	0.00
9,551.0	91.40	314.60	7,183.2	1,938.2	-1,763.4	2,620.1	3.34	1.43	3.02
9,615.0	88.60	313.40	7,183.2	1,982.6	-1,809.4	2,684.0	4.76	-4.38	-1.88
9,678.0	88.90	315.50	7,184.6	2,026.7	-1,854.4	2,746.9	3.37	0.48	3.33
9,741.0	90.60	315.60	7,184.9	2,071.7	-1,898.5	2,809.9	2.70	2.70	0.16
9,804.0	89.50	313.50	7,184.8	2,115.9	-1,943.4	2,872.9	3.76	-1.75	-3.33
9,867.0	90.50	315.50	7,184.8	2,160.1	-1,988.3	2,935.8	3.55	1.59	3.17
9,931.0	89.00	315.00	7,185.1	2,205.5	-2,033.4	2,999.8	2.47	-2.34	-0.78
10,025.0	89.30	313.70	7,186.5	2,271.2	-2,100.6	3,093.6	1.42	0.32	-1.38
10,120.0	89.70	314.10	7,187.3	2,337.1	-2,169.0	3,188.5	0.60	0.42	0.42
10,216.0	89.70	314.40	7,187.8	2,404.1	-2,237.8	3,284.4	0.31	0.00	0.31
10,311.0	89.10	313.40	7,188.8	2,469.9	-2,306.2	3,379.2	1.23	-0.63	-1.05
10,407.0	89.60	315.80	7,189.9	2,537.3	-2,374.6	3,475.1	2.55	0.52	2.50
10,503.0	90.70	315.30	7,189.6	2,605.9	-2,441.8	3,571.1	1.26	1.15	-0.52
10,599.0	91.20	317.80	7,188.1	2,675.5	-2,507.8	3,667.1	2.66	0.52	2.60
10,694.0	91.70	316.70	7,185.7	2,745.3	-2,572.3	3,762.0	1.27	0.53	-1.16
10,789.0	91.10	317.60	7,183.3	2,814.9	-2,636.9	3,857.0	1.14	-0.63	0.95
10,885.0	88.70	319.00	7,183.5	2,886.6	-2,700.7	3,953.0	2.89	-2.50	1.46
10,948.0	88.80	319.90	7,184.9	2,934.4	-2,741.7	4,015.9	1.44	0.16	1.43
10,980.0	89.60	319.70	7,185.3	2,958.9	-2,762.3	4,047.9	2.58	2.50	-0.63

Company:	EOG Resources, Inc - RM	Local Co-ordinate Reference:	Well Critter Creek #21-26H
Project:	Weld County, CO	TVD Reference:	WELL @ 5184.0usft (SST #53)
Site:	Sec. 26, T11N, R63W, 6th P.M	MD Reference:	WELL @ 5184.0usft (SST #53)
Well:	Critter Creek #21-26H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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)
11,011.0	89.90	321.10	7,185.5	2,982.7	-2,782.1	4,078.8	4.62	0.97	4.52
11,043.0	90.10	321.60	7,185.5	3,007.7	-2,802.1	4,110.7	1.68	0.63	1.56
11,075.0	89.30	322.20	7,185.6	3,032.9	-2,821.8	4,142.6	3.12	-2.50	1.88
11,107.0	90.40	323.40	7,185.7	3,058.4	-2,841.2	4,174.4	5.09	3.44	3.75
11,139.0	90.00	323.20	7,185.6	3,084.1	-2,860.3	4,206.3	1.40	-1.25	-0.63
11,171.0	89.20	322.00	7,185.8	3,109.5	-2,879.7	4,238.1	4.51	-2.50	-3.75
11,203.0	87.30	321.80	7,186.8	3,134.7	-2,899.4	4,270.0	5.97	-5.94	-0.63
11,235.0	85.50	320.80	7,188.8	3,159.6	-2,919.4	4,301.8	6.43	-5.63	-3.13
11,267.0	85.10	320.90	7,191.4	3,184.3	-2,939.5	4,333.6	1.29	-1.25	0.31
11,298.0	85.60	320.60	7,193.9	3,208.2	-2,959.1	4,364.5	1.88	1.61	-0.97
11,330.0	87.10	318.30	7,196.0	3,232.5	-2,979.9	4,396.4	8.57	4.69	-7.19
11,362.0	87.40	317.90	7,197.5	3,256.3	-3,001.2	4,428.3	1.56	0.94	-1.25
11,394.0	88.70	317.60	7,198.6	3,280.0	-3,022.7	4,460.3	4.17	4.06	-0.94
11,426.0	89.80	317.60	7,199.0	3,303.6	-3,044.3	4,492.3	3.44	3.44	0.00
11,458.0	90.30	317.60	7,199.0	3,327.2	-3,065.9	4,524.3	1.56	1.56	0.00
11,489.0	90.70	317.60	7,198.7	3,350.1	-3,086.8	4,555.3	1.29	1.29	0.00
11,521.0	90.10	316.90	7,198.5	3,373.6	-3,108.5	4,587.3	2.88	-1.88	-2.19
11,553.0	90.00	316.20	7,198.5	3,396.8	-3,130.5	4,619.3	2.21	-0.31	-2.19
11,584.0	90.00	316.00	7,198.5	3,419.2	-3,152.0	4,650.3	0.65	0.00	-0.65
11,616.0	90.00	315.10	7,198.5	3,442.0	-3,174.4	4,682.3	2.81	0.00	-2.81
11,648.0	89.90	314.30	7,198.5	3,464.5	-3,197.1	4,714.3	2.52	-0.31	-2.50
11,680.0	89.90	313.40	7,198.6	3,486.7	-3,220.2	4,746.2	2.81	0.00	-2.81
11,712.0	90.10	314.40	7,198.6	3,508.9	-3,243.3	4,778.2	3.19	0.63	3.13
11,744.0	90.10	314.60	7,198.5	3,531.3	-3,266.1	4,810.1	0.62	0.00	0.63
11,807.0	91.10	316.90	7,197.8	3,576.4	-3,310.1	4,873.1	3.98	1.59	3.65
11,870.0	91.80	316.90	7,196.2	3,622.4	-3,353.1	4,936.1	1.11	1.11	0.00
11,934.0	90.50	316.50	7,195.0	3,669.0	-3,397.0	5,000.1	2.13	-2.03	-0.63
11,997.0	90.90	316.70	7,194.2	3,714.8	-3,440.3	5,063.1	0.71	0.63	0.32
12,059.0	89.70	319.00	7,193.9	3,760.7	-3,481.9	5,125.0	4.18	-1.94	3.71
12,123.0	89.40	320.60	7,194.4	3,809.6	-3,523.2	5,189.0	2.54	-0.47	2.50
12,187.0	89.50	321.50	7,195.0	3,859.4	-3,563.4	5,252.8	1.41	0.16	1.41
12,249.0	89.80	322.20	7,195.4	3,908.1	-3,601.7	5,314.6	1.23	0.48	1.13
12,313.0	89.50	323.00	7,195.8	3,959.0	-3,640.6	5,378.3	1.33	-0.47	1.25
12,376.0	89.30	324.40	7,196.4	4,009.7	-3,677.9	5,440.8	2.24	-0.32	2.22
12,440.0	89.30	325.00	7,197.2	4,062.0	-3,714.8	5,504.3	0.94	0.00	0.94
12,473.0	89.40	325.70	7,197.6	4,089.1	-3,733.6	5,536.9	2.14	0.30	2.12
TD									
12,520.0	89.40	325.70	7,198.1	4,127.9	-3,760.1	5,583.4	0.00	0.00	0.00

Company:	EOG Resources, Inc - RM	Local Co-ordinate Reference:	Well Critter Creek #21-26H
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Site:	Sec. 26, T11N, R63W, 6th P.M	MD Reference:	WELL @ 5184.0usft (SST #53)
Well:	Critter Creek #21-26H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,170.0	1,170.0	-1.7	4.6	Tie-in to Gyro
6,992.0	6,972.1	98.3	-89.8	Crossed Hard Line @ 6992' MD
12,520.0	7,198.1	4,127.9	-3,760.1	TD

Checked By: _____	Approved By: _____	Date: _____
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VES

VAUGHN ENERGY SERVICES

Company: EOG RESOURCES

Lease/Well: CRITTER CREEK/21-26

Location:

Rig Name: PRODUCTION

State/County: COLORADO/WELD

Latitude: 40.89

GRID North is 0.72 Degrees East of True North

VS-Azi: 0.00 Degrees

FIELD COPY ONLY (NOT DEFINITIVE)

DEPTH REFERENCE : KB = 0' (23' AGL)

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: crtrcrk21-26.ut

Minimum Curvature Method

Report Date/Time: 10/24/2010 / 13:33

Vaughn Energy Services

Rifle, Colorado

970 456 2071

Surveyor: S.Anderson

Critter Creek 21-26

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N-S FT	+E-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.15	96.50	100.00	-0.01	0.13	-0.01	0.13	96.50	0.15
200.00	0.01	116.66	200.00	-0.03	0.26	-0.03	0.26	96.92	0.14
300.00	0.19	107.38	300.00	-0.08	0.43	-0.08	0.43	101.16	0.18
400.00	0.28	99.19	400.00	-0.17	0.82	-0.17	0.84	101.82	0.09
500.00	0.33	94.28	500.00	-0.23	1.34	-0.23	1.36	99.79	0.06
600.00	0.23	108.69	600.00	-0.32	1.82	-0.32	1.84	99.90	0.12
700.00	0.21	87.43	700.00	-0.37	2.19	-0.37	2.22	99.66	0.08
800.00	0.24	95.55	799.99	-0.39	2.59	-0.39	2.61	98.47	0.04
900.00	0.19	106.86	899.99	-0.45	2.95	-0.45	2.99	98.72	0.07
1000.00	0.43	129.13	999.99	-0.74	3.40	-0.74	3.48	102.24	0.27
1100.00	0.64	131.63	1099.99	-1.35	4.11	-1.35	4.33	108.13	0.21
1170.00	0.33	131.71	1169.99	-1.74	4.55	-1.74	4.87	110.90	0.44

HORIZONTAL DISPLACEMENT IS
4.87 FEET AT 110.90 DEGREES