Weld Co., Co (NAD 83)
Scott 1C-32HZ
Xtreme 23
Plan #3

Anadarko Petroleum Corporation

INTEGRITY Directional Services

T G M

Azimuths to Grid North
Convergence: 0.38°
Total Correction: 8.16°

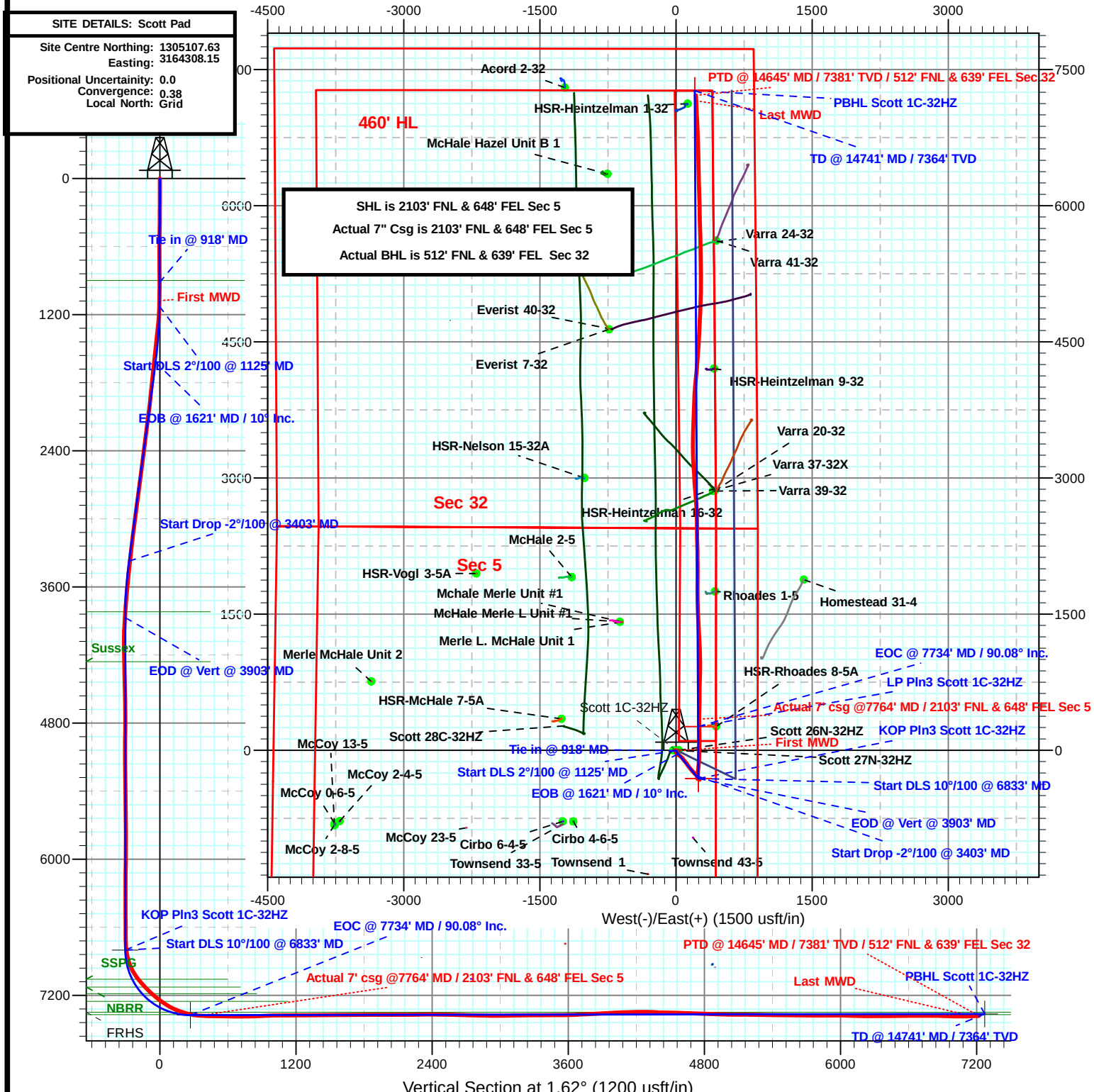
Magnetic Field
Strength: 52699.2snT
Dip Angle: 66.74°
Date: 4/3/2014
Model: IGRF2010

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
918.0	0.20	207.55	918.0	-3.9	-2.7	0.00	0.00	-4.0	
1125.0	0.20	207.55	1125.0	-4.5	-3.0	0.00	0.00	-4.6	
1621.1	10.00	140.80	1618.6	-38.8	23.9	2.00	-67.80	-38.1	
3403.2	10.00	140.80	3373.5	-278.5	219.5	0.00	0.00	-272.2	
3903.2	0.00	0.00	3871.0	-312.3	247.0	2.00	180.00	-305.2	
6833.2	0.00	0.00	6801.0	-312.3	247.0	0.00	0.00	-305.2	KOP Pln3 Scott 1C-32HZ
7734.0	90.08	359.69	7374.0	261.5	243.9	10.00	359.69	268.3	
14740.5	90.08	359.69	7364.0	7267.9	205.7	0.00	0.00	7270.8	PBHL Scott 1C-32HZ

SITE DETAILS: Scott Pad

Site Centre Northing: 1305107.63
Easting: 3164308.15
Positional Uncertainty: 0.0
Convergence: 0.38
Local North: Grid



Anadarko

Weld Co., Co (NAD 83)
Scott Pad
Scott 1C-32HZ

Wellbore #1

Design: OH

Standard Survey Report

20 May, 2014

IDS

Survey Report

Company:	Anadarko	**Local Co-ordinate Reference:**	Well Scott 1C-32HZ
Project:	Weld Co., Co (NAD 83)	**TVD Reference:**	Well @ 4890.0usft (Xtreme 23)
Site:	Scott Pad	**MD Reference:**	Well @ 4890.0usft (Xtreme 23)
Well:	Scott 1C-32HZ	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.1 Single User Db

Project Weld Co., Co (NAD 83)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site Scott Pad

Site Position:		**Northing:**	1,305,107.63 usft	**Latitude:**	40° 10' 9.914 N
From:	Lat/Long	**Easting:**	3,164,308.15 usft	**Longitude:**	104° 54' 43.351 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.38 °

Well Scott 1C-32HZ

Well Position	**+N/-S**	0.0 usft	**Northing:**	1,304,760.82 usft	**Latitude:**	40° 10' 6.405 N
	+E/-W	0.0 usft	**Easting:**	3,165,542.89 usft	**Longitude:**	104° 54' 27.475 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	0.0 usft	**Ground Level:**	4,874.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/3/2014	8.54	66.74	52,699

Design OH

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	1.62

Survey Program **Date** 5/5/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	918.0	Survey #1 (Wellbore #1)	CT_GYRO_MS	Continuous Gyro Multishot
1,076.0	14,645.0	Survey #2 (Wellbore #1)	MWD	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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.20	236.80	100.0	-0.1	-0.1	-0.1	0.20	0.20	0.00
200.0	0.32	200.46	200.0	-0.5	-0.4	-0.5	0.20	0.12	-36.34
300.0	0.42	206.00	300.0	-1.0	-0.6	-1.1	0.11	0.10	5.54
400.0	0.33	213.49	400.0	-1.6	-1.0	-1.6	0.10	-0.09	7.49
500.0	0.42	215.31	500.0	-2.2	-1.3	-2.2	0.09	0.09	1.82
600.0	0.33	235.41	600.0	-2.6	-1.8	-2.7	0.16	-0.09	20.10
700.0	0.31	185.51	700.0	-3.0	-2.1	-3.1	0.27	-0.02	-49.90
800.0	0.29	234.35	800.0	-3.5	-2.3	-3.5	0.25	-0.02	48.84
900.0	0.28	211.73	900.0	-3.8	-2.6	-3.9	0.11	-0.01	-22.62

Company:	Anadarko	**Local Co-ordinate Reference:**	Well Scott 1C-32HZ
Project:	Weld Co., Co (NAD 83)	**TVD Reference:**	Well @ 4890.0usft (Xtreme 23)
Site:	Scott Pad	**MD Reference:**	Well @ 4890.0usft (Xtreme 23)
Well:	Scott 1C-32HZ	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**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)
918.0	0.20	207.55	918.0	-3.9	-2.7	-4.0	0.45	-0.44	-23.22
1,076.0	0.00	270.20	1,076.0	-4.1	-2.8	-4.2	0.13	-0.13	0.00
1,078.0	0.06	201.70	1,078.0	-4.1	-2.8	-4.2	3.09	3.09	0.00
First MWD									
1,170.0	2.90	201.70	1,169.9	-6.3	-3.7	-6.4	3.09	3.09	0.00
1,263.0	5.50	169.80	1,262.7	-12.9	-3.7	-13.0	3.66	2.80	-34.30
1,357.0	6.90	154.00	1,356.2	-22.4	-0.5	-22.4	2.33	1.49	-16.81
1,450.0	8.60	139.80	1,448.3	-32.8	6.5	-32.6	2.74	1.83	-15.27
1,546.0	10.10	131.00	1,543.0	-43.8	17.5	-43.3	2.15	1.56	-9.17
1,639.0	9.80	126.50	1,634.6	-53.8	30.0	-53.0	0.90	-0.32	-4.84
1,731.0	9.30	123.10	1,725.4	-62.5	42.5	-61.3	0.82	-0.54	-3.70
1,824.0	9.70	132.90	1,817.1	-72.0	54.5	-70.4	1.79	0.43	10.54
1,916.0	8.90	131.60	1,907.9	-82.0	65.5	-80.1	0.90	-0.87	-1.41
2,008.0	9.30	143.70	1,998.7	-92.7	75.3	-90.5	2.12	0.43	13.15
2,101.0	8.70	142.70	2,090.6	-104.3	84.0	-101.9	0.67	-0.65	-1.08
2,194.0	10.10	143.00	2,182.3	-116.5	93.1	-113.8	1.51	1.51	0.32
2,286.0	9.10	140.40	2,273.0	-128.5	102.6	-125.5	1.18	-1.09	-2.83
2,378.0	8.50	136.50	2,364.0	-139.0	111.9	-135.8	0.92	-0.65	-4.24
2,470.0	9.10	146.40	2,454.9	-150.0	120.7	-146.6	1.77	0.65	10.76
2,562.0	10.10	148.20	2,545.6	-162.9	128.9	-159.2	1.13	1.09	1.96
2,653.0	9.20	147.80	2,635.3	-175.9	137.0	-171.9	0.99	-0.99	-0.44
2,746.0	10.30	139.10	2,727.0	-188.5	146.4	-184.2	1.97	1.18	-9.35
2,837.0	9.10	139.60	2,816.7	-200.1	156.4	-195.6	1.32	-1.32	0.55
2,930.0	11.30	140.30	2,908.2	-212.7	167.0	-207.9	2.37	2.37	0.75
3,022.0	9.90	137.30	2,998.6	-225.5	178.1	-220.3	1.64	-1.52	-3.26
3,114.0	8.20	137.80	3,089.5	-236.1	187.9	-230.7	1.85	-1.85	0.54
3,198.0	9.00	138.20	3,172.5	-245.5	196.3	-239.8	0.96	0.95	0.48
3,284.0	9.50	138.90	3,257.4	-255.8	205.4	-249.9	0.60	0.58	0.81
3,369.0	10.40	134.60	3,341.1	-266.5	215.5	-260.3	1.37	1.06	-5.06
3,454.0	9.20	132.30	3,424.9	-276.5	226.0	-270.0	1.48	-1.41	-2.71
3,540.0	7.80	138.20	3,509.9	-285.4	235.0	-278.7	1.92	-1.63	6.86
3,625.0	6.70	146.10	3,594.3	-293.9	241.6	-286.9	1.74	-1.29	9.29
3,710.0	5.90	150.50	3,678.8	-301.8	246.5	-294.7	1.10	-0.94	5.18
3,795.0	4.60	149.20	3,763.4	-308.5	250.4	-301.3	1.54	-1.53	-1.53
3,880.0	4.00	157.00	3,848.2	-314.2	253.3	-306.9	0.98	-0.71	9.18
3,965.0	4.00	160.20	3,932.9	-319.7	255.5	-312.3	0.26	0.00	3.76
4,050.0	3.00	121.10	4,017.8	-323.6	258.4	-316.2	2.97	-1.18	-46.00
4,135.0	0.60	340.00	4,102.8	-324.3	260.1	-316.9	4.10	-2.82	-166.00
4,221.0	1.10	343.90	4,188.8	-323.1	259.7	-315.7	0.58	0.58	4.53
4,306.0	1.70	322.70	4,273.7	-321.3	258.8	-313.9	0.92	0.71	-24.94
4,392.0	1.30	330.50	4,359.7	-319.5	257.5	-312.1	0.52	-0.47	9.07
4,477.0	1.40	329.80	4,444.7	-317.7	256.5	-310.4	0.12	0.12	-0.82
4,562.0	1.90	336.80	4,529.6	-315.5	255.4	-308.2	0.63	0.59	8.24

Company:	Anadarko	**Local Co-ordinate Reference:**	Well Scott 1C-32HZ
Project:	Weld Co., Co (NAD 83)	**TVD Reference:**	Well @ 4890.0usft (Xtreme 23)
Site:	Scott Pad	**MD Reference:**	Well @ 4890.0usft (Xtreme 23)
Well:	Scott 1C-32HZ	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**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)
4,648.0	2.40	329.50	4,615.6	-312.7	254.0	-305.4	0.66	0.58	-8.49
4,733.0	0.90	260.10	4,700.6	-311.3	252.4	-304.0	2.64	-1.76	-81.65
4,819.0	1.40	225.20	4,786.5	-312.1	251.0	-304.9	0.98	0.58	-40.58
4,904.0	1.10	227.80	4,871.5	-313.4	249.6	-306.2	0.36	-0.35	3.06
4,989.0	1.10	248.50	4,956.5	-314.3	248.3	-307.1	0.46	0.00	24.35
5,074.0	1.10	276.60	5,041.5	-314.5	246.7	-307.4	0.63	0.00	33.06
5,159.0	1.10	294.00	5,126.5	-314.0	245.2	-307.0	0.39	0.00	20.47
5,244.0	1.20	308.70	5,211.5	-313.1	243.7	-306.1	0.37	0.12	17.29
5,330.0	1.30	314.40	5,297.4	-311.9	242.3	-304.9	0.19	0.12	6.63
5,415.0	1.20	323.20	5,382.4	-310.5	241.1	-303.6	0.25	-0.12	10.35
5,500.0	1.10	314.70	5,467.4	-309.2	240.0	-302.3	0.23	-0.12	-10.00
5,585.0	1.10	313.10	5,552.4	-308.1	238.8	-301.2	0.04	0.00	-1.88
5,671.0	1.10	338.40	5,638.4	-306.8	237.9	-299.9	0.56	0.00	29.42
5,756.0	1.10	214.30	5,723.4	-306.7	237.1	-299.8	2.29	0.00	-146.00
5,842.0	0.50	284.10	5,809.3	-307.3	236.3	-300.5	1.21	-0.70	81.16
5,927.0	0.70	297.80	5,894.3	-306.9	235.5	-300.2	0.29	0.24	16.12
6,012.0	1.30	131.60	5,979.3	-307.3	235.7	-300.5	2.34	0.71	-195.53
6,098.0	0.50	130.90	6,065.3	-308.2	236.8	-301.4	0.93	-0.93	-0.81
6,183.0	0.60	210.90	6,150.3	-308.9	236.8	-302.0	0.84	0.12	94.12
6,268.0	0.50	206.20	6,235.3	-309.6	236.4	-302.8	0.13	-0.12	-5.53
6,353.0	0.30	249.70	6,320.3	-310.0	236.0	-303.2	0.41	-0.24	51.18
6,439.0	0.60	289.00	6,406.3	-309.9	235.4	-303.1	0.48	0.35	45.70
6,524.0	1.50	88.00	6,491.3	-309.7	236.1	-302.9	2.44	1.06	187.06
6,609.0	1.10	62.80	6,576.3	-309.3	237.9	-302.5	0.81	-0.47	-29.65
6,695.0	1.00	40.70	6,662.3	-308.4	239.2	-301.5	0.48	-0.12	-25.70
6,780.0	1.50	353.30	6,747.3	-306.7	239.5	-299.8	1.30	0.59	-55.76
6,823.0	6.10	356.50	6,790.1	-303.9	239.3	-297.0	10.70	10.70	7.44
6,866.0	9.20	358.40	6,832.8	-298.1	239.1	-291.3	7.23	7.21	4.42
6,908.0	14.20	359.90	6,873.9	-289.6	239.0	-282.8	11.93	11.90	3.57
6,951.0	18.60	3.20	6,915.1	-277.5	239.3	-270.6	10.46	10.23	7.67
6,994.0	24.60	4.40	6,955.1	-261.7	240.4	-254.8	13.99	13.95	2.79
7,036.0	29.50	4.60	6,992.5	-242.7	241.9	-235.7	11.67	11.67	0.48
7,079.0	35.90	6.00	7,028.6	-219.6	244.1	-212.6	14.99	14.88	3.26
7,122.0	39.30	5.30	7,062.7	-193.5	246.7	-186.4	7.97	7.91	-1.63
7,164.0	41.10	4.70	7,094.8	-166.5	249.0	-159.3	4.38	4.29	-1.43
7,207.0	43.30	4.00	7,126.6	-137.7	251.2	-130.5	5.23	5.12	-1.63
7,250.0	45.70	3.50	7,157.3	-107.6	253.2	-100.4	5.64	5.58	-1.16
7,292.0	48.00	2.40	7,186.0	-77.0	254.8	-69.7	5.80	5.48	-2.62
7,335.0	50.40	1.90	7,214.1	-44.5	256.0	-37.2	5.65	5.58	-1.16
7,378.0	52.80	1.50	7,240.8	-10.8	257.0	-3.5	5.63	5.58	-0.93
7,420.0	55.70	0.80	7,265.4	23.3	257.6	30.6	7.04	6.90	-1.67
7,463.0	58.70	0.60	7,288.7	59.4	258.1	66.7	6.99	6.98	-0.47
7,506.0	62.70	0.10	7,309.7	96.9	258.3	104.2	9.36	9.30	-1.16

Company:	Anadarko	**Local Co-ordinate Reference:**	Well Scott 1C-32HZ
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Site:	Scott Pad	**MD Reference:**	Well @ 4890.0usft (Xtreme 23)
Well:	Scott 1C-32HZ	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**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)
7,548.0	67.20	359.10	7,327.5	135.0	258.0	142.2	10.93	10.71	-2.38
7,592.0	71.10	359.30	7,343.1	176.1	257.5	183.3	8.87	8.86	0.45
7,636.0	74.00	358.80	7,356.3	218.0	256.8	225.2	6.68	6.59	-1.14
7,678.0	77.50	358.70	7,366.7	258.7	255.9	265.9	8.34	8.33	-0.24
7,714.0	80.30	0.10	7,373.6	294.0	255.5	301.2	8.66	7.78	3.89
7,764.0	87.35	0.10	7,379.0	343.7	255.6	350.8	14.10	14.10	0.00
Actual 7' csg @7764' MD / 2103' FNL & 648' FEL Sec 5 - Actual 7' csg									
7,775.0	88.90	0.10	7,379.3	354.7	255.6	361.8	14.10	14.10	0.00
7,860.0	88.20	1.30	7,381.5	439.7	256.7	446.8	1.63	-0.82	1.41
7,953.0	88.60	0.60	7,384.1	532.6	258.2	539.7	0.87	0.43	-0.75
8,045.0	89.40	0.60	7,385.7	624.6	259.2	631.7	0.87	0.87	0.00
8,138.0	90.40	1.00	7,385.8	717.6	260.5	724.7	1.16	1.08	0.43
8,230.0	91.80	1.90	7,384.1	809.6	262.8	816.7	1.81	1.52	0.98
8,323.0	92.20	0.90	7,380.8	902.5	265.1	909.6	1.16	0.43	-1.08
8,415.0	91.80	359.60	7,377.6	994.4	265.5	1,001.5	1.48	-0.43	-1.41
8,507.0	90.20	358.40	7,376.0	1,086.4	263.9	1,093.4	2.17	-1.74	-1.30
8,600.0	89.80	357.00	7,376.0	1,179.3	260.1	1,186.2	1.57	-0.43	-1.51
8,692.0	90.60	356.50	7,375.7	1,271.2	254.9	1,277.8	1.03	0.87	-0.54
8,784.0	91.20	356.50	7,374.2	1,363.0	249.3	1,369.5	0.65	0.65	0.00
8,876.0	89.90	356.80	7,373.4	1,454.8	243.9	1,461.1	1.45	-1.41	0.33
8,968.0	90.00	357.90	7,373.4	1,546.7	239.7	1,552.9	1.20	0.11	1.20
9,059.0	90.40	358.90	7,373.1	1,637.7	237.1	1,643.7	1.18	0.44	1.10
9,152.0	90.70	359.90	7,372.2	1,730.7	236.2	1,736.6	1.12	0.32	1.08
9,243.0	91.00	0.60	7,370.9	1,821.6	236.5	1,827.6	0.84	0.33	0.77
9,335.0	89.20	0.30	7,370.7	1,913.6	237.3	1,919.6	1.98	-1.96	-0.33
9,428.0	89.40	359.50	7,371.9	2,006.6	237.1	2,012.5	0.89	0.22	-0.86
9,520.0	90.70	0.00	7,371.8	2,098.6	236.7	2,104.5	1.51	1.41	0.54
9,605.0	90.30	359.40	7,371.0	2,183.6	236.3	2,189.4	0.85	-0.47	-0.71
9,690.0	90.20	358.20	7,370.7	2,268.6	234.5	2,274.3	1.42	-0.12	-1.41
9,775.0	90.40	359.10	7,370.2	2,353.6	232.5	2,359.2	1.08	0.24	1.06
9,861.0	89.70	359.40	7,370.1	2,439.6	231.4	2,445.1	0.89	-0.81	0.35
9,946.0	89.30	359.50	7,370.9	2,524.6	230.5	2,530.1	0.49	-0.47	0.12
10,031.0	89.70	358.30	7,371.6	2,609.5	228.9	2,615.0	1.49	0.47	-1.41
10,116.0	88.10	356.40	7,373.3	2,694.4	225.0	2,699.7	2.92	-1.88	-2.24
10,202.0	87.60	355.20	7,376.5	2,780.1	218.7	2,785.2	1.51	-0.58	-1.40
10,287.0	88.80	355.40	7,379.2	2,864.8	211.7	2,869.6	1.43	1.41	0.24
10,372.0	90.00	355.90	7,380.0	2,949.6	205.3	2,954.2	1.53	1.41	0.59
10,457.0	91.30	356.40	7,379.1	3,034.4	199.6	3,038.8	1.64	1.53	0.59
10,542.0	90.90	356.60	7,377.4	3,119.2	194.4	3,123.4	0.53	-0.47	0.24
10,627.0	90.80	357.30	7,376.2	3,204.0	189.9	3,208.1	0.83	-0.12	0.82
10,713.0	90.30	358.40	7,375.4	3,290.0	186.6	3,293.9	1.40	-0.58	1.28
10,798.0	90.40	0.20	7,374.8	3,375.0	185.6	3,378.9	2.12	0.12	2.12
10,883.0	90.40	2.40	7,374.3	3,459.9	187.5	3,463.9	2.59	0.00	2.59
10,969.0	90.70	1.70	7,373.4	3,545.9	190.6	3,549.9	0.89	0.35	-0.81

Company:	Anadarko	**Local Co-ordinate Reference:**	Well Scott 1C-32HZ
Project:	Weld Co., Co (NAD 83)	**TVD Reference:**	Well @ 4890.0usft (Xtreme 23)
Site:	Scott Pad	**MD Reference:**	Well @ 4890.0usft (Xtreme 23)
Well:	Scott 1C-32HZ	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**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)
11,054.0	91.70	1.40	7,371.6	3,630.8	192.9	3,634.8	1.23	1.18	-0.35
11,139.0	92.50	2.10	7,368.5	3,715.7	195.5	3,719.8	1.25	0.94	0.82
11,225.0	93.10	2.70	7,364.3	3,801.6	199.1	3,805.7	0.99	0.70	0.70
11,310.0	92.80	2.50	7,360.0	3,886.4	202.9	3,890.5	0.42	-0.35	-0.24
11,395.0	93.20	3.80	7,355.5	3,971.1	207.6	3,975.4	1.60	0.47	1.53
11,480.0	93.30	4.80	7,350.7	4,055.7	214.0	4,060.2	1.18	0.12	1.18
11,566.0	91.50	5.80	7,347.1	4,141.3	221.9	4,145.9	2.39	-2.09	1.16
11,651.0	90.50	5.60	7,345.6	4,225.8	230.3	4,230.7	1.20	-1.18	-0.24
11,736.0	88.00	5.10	7,346.7	4,310.5	238.3	4,315.5	3.00	-2.94	-0.59
11,821.0	86.90	3.00	7,350.5	4,395.2	244.3	4,400.3	2.79	-1.29	-2.47
11,907.0	89.80	3.40	7,353.0	4,481.0	249.1	4,486.2	3.40	3.37	0.47
11,992.0	89.10	2.90	7,353.8	4,565.8	253.7	4,571.2	1.01	-0.82	-0.59
12,077.0	86.80	2.60	7,356.8	4,650.7	257.8	4,656.1	2.73	-2.71	-0.35
12,162.0	88.10	2.70	7,360.6	4,735.5	261.7	4,741.0	1.53	1.53	0.12
12,248.0	88.50	2.60	7,363.2	4,821.4	265.7	4,827.0	0.48	0.47	-0.12
12,333.0	87.40	2.40	7,366.2	4,906.2	269.4	4,911.9	1.32	-1.29	-0.24
12,419.0	88.60	1.60	7,369.2	4,992.1	272.4	4,997.8	1.68	1.40	-0.93
12,504.0	89.90	0.40	7,370.3	5,077.1	273.9	5,082.8	2.08	1.53	-1.41
12,589.0	90.00	0.00	7,370.4	5,162.1	274.2	5,167.8	0.49	0.12	-0.47
12,674.0	89.00	359.70	7,371.1	5,247.1	274.0	5,252.8	1.23	-1.18	-0.35
12,760.0	89.30	0.30	7,372.4	5,333.1	274.0	5,338.7	0.78	0.35	0.70
12,846.0	89.30	359.00	7,373.5	5,419.1	273.4	5,424.7	1.51	0.00	-1.51
12,931.0	88.20	358.80	7,375.3	5,504.1	271.8	5,509.5	1.32	-1.29	-0.24
13,016.0	89.10	358.00	7,377.3	5,589.0	269.4	5,594.4	1.42	1.06	-0.94
13,101.0	90.40	358.70	7,377.7	5,674.0	267.0	5,679.2	1.74	1.53	0.82
13,187.0	89.80	358.10	7,377.5	5,759.9	264.6	5,765.1	0.99	-0.70	-0.70
13,272.0	90.50	358.80	7,377.3	5,844.9	262.3	5,850.0	1.16	0.82	0.82
13,357.0	90.00	358.90	7,376.9	5,929.9	260.6	5,934.9	0.60	-0.59	0.12
13,442.0	89.30	358.50	7,377.5	6,014.8	258.7	6,019.8	0.95	-0.82	-0.47
13,528.0	87.90	358.60	7,379.6	6,100.8	256.5	6,105.6	1.63	-1.63	0.12
13,613.0	88.60	358.40	7,382.2	6,185.7	254.3	6,190.4	0.86	0.82	-0.24
13,698.0	90.20	358.80	7,383.0	6,270.7	252.2	6,275.3	1.94	1.88	0.47
13,783.0	90.10	358.80	7,382.8	6,355.7	250.4	6,360.2	0.12	-0.12	0.00
13,869.0	91.40	358.80	7,381.7	6,441.6	248.6	6,446.1	1.51	1.51	0.00
13,954.0	91.00	358.70	7,379.9	6,526.6	246.7	6,531.0	0.49	-0.47	-0.12
14,039.0	90.00	358.20	7,379.2	6,611.6	244.4	6,615.8	1.32	-1.18	-0.59
14,124.0	89.50	358.50	7,379.6	6,696.5	242.0	6,700.7	0.69	-0.59	0.35
14,210.0	90.30	358.10	7,379.7	6,782.5	239.5	6,786.6	1.04	0.93	-0.47
14,295.0	88.30	357.40	7,380.7	6,867.4	236.1	6,871.3	2.49	-2.35	-0.82
14,381.0	88.20	356.80	7,383.4	6,953.3	231.8	6,957.0	0.71	-0.12	-0.70
14,466.0	89.60	356.90	7,385.0	7,038.1	227.1	7,041.7	1.65	1.65	0.12
14,551.0	91.50	357.60	7,384.2	7,123.0	223.0	7,126.5	2.38	2.24	0.82
14,583.0	92.10	357.90	7,383.2	7,155.0	221.8	7,158.4	2.10	1.88	0.94

IDS

Survey Report

Company:	Anadarko	**Local Co-ordinate Reference:**	Well Scott 1C-32HZ
Project:	Weld Co., Co (NAD 83)	**TVD Reference:**	Well @ 4890.0usft (Xtreme 23)
Site:	Scott Pad	**MD Reference:**	Well @ 4890.0usft (Xtreme 23)
Well:	Scott 1C-32HZ	**North Reference:**	Grid
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**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)
Last MWD									
14,645.0	92.10	357.90	7,380.9	7,216.9	219.5	7,220.2	0.00	0.00	0.00
PTD @ 14645' MD / 7381' TVD / 512' FNL & 639' FEL Sec 32									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
7,764.0	7,379.0	Actual 7' csg	7	8-3/4

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,078.0	1,078.0	-4.1	-2.8	First MWD
7,764.0	7,379.0	343.7	255.6	Actual 7' csg @7764' MD / 2103' FNL & 648' FEL Sec 5
14,583.0	7,383.2	7,155.0	221.8	Last MWD
14,645.0	7,380.9	7,216.9	219.5	PTD @ 14645' MD / 7381' TVD / 512' FNL & 639' FEL Sec 32

Checked By: _____ Approved By: _____ Date: _____