



## **EQT Production - Marcellus**

Taylor County, WV  
Taylor County 514214  
Well #514214

Main Wellbore

Design: 514214 As Drilled Surveys

## **Standard Survey Report**

17 March, 2014



Phoenix Technology Services  
Survey Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Marcellus	<b>TVD Reference:</b>	KB @ 1606.0usft
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1608.0usft
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	Grid
<b>Well:</b>	Well #514214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 As Drilled Surveys		

<b>Project</b>	Taylor County, WV		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	West Virginia North 4701		Using geodetic scale factor

<b>Site</b>	Taylor County 514214				
<b>Site Position:</b>		<b>Northing:</b>	297,167.70 usft	<b>Latitude:</b>	39.31
<b>From:</b>	Map	<b>Easting:</b>	1,810,021.30 usft	<b>Longitude:</b>	-80.17
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	-0.43 "

<b>Well</b>	Well #514214					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	297,167.70 usft	<b>Latitude:</b>	39° 18' 50.227 N
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	1,810,021.30 usft	<b>Longitude:</b>	80° 10' 17.214 W
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	1,590.0 usft

<b>Wellbore</b>	Main Wellbore				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	2/5/2014	-8.89	66.78	52,275

<b>Design</b>	514214 As Drilled Surveys				
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<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	163.33

Survey Program	Date	3/17/2014			
From (')	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	6,703.0	514214 Gyrodata Gyros (Main Wellbore)	GYD_DP_MS	Gyrodata gyro-compassing and drop	
0.00	19,091.0	514214 PHX MWD (Main Wellbore)	MWD	MWD - Standard	

Survey	Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea 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	-1,606.0	0.0	0.0	0.0	0.00	0.00	0.00
	103.0	0.10	234.82	103.0	-1,503.0	-0.1	-0.1	0.0	0.10	0.10	0.00
	203.0	0.20	311.66	203.0	-1,403.0	0.0	-0.3	-0.1	0.20	0.10	76.84
	303.0	0.21	326.67	303.0	-1,303.0	0.3	-0.5	-0.4	0.05	0.01	15.01
	403.0	0.20	336.36	403.0	-1,203.0	0.6	-0.7	-0.8	0.04	-0.01	9.69
	503.0	0.17	7.20	503.0	-1,103.0	0.9	-0.7	-1.1	0.10	-0.03	30.84
	603.0	0.12	16.41	603.0	-1,003.0	1.2	-0.7	-1.3	0.06	-0.05	9.21
	703.0	0.06	245.37	703.0	-903.0	1.2	-0.7	-1.4	0.17	-0.06	-131.04

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Marcellus	<b>TVD Reference:</b>	KB @ 1806.0usft
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1806.0usft
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	Grid
<b>Well:</b>	Well #514214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 As Drilled Surveys		

**Survey**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
803.0	0.10	259.08	803.0	-803.0	1.2	-0.8	-1.4	0.04	0.04	13.71
903.0	0.10	330.45	903.0	-703.0	1.3	-1.0	-1.5	0.12	0.00	71.37
1,003.0	0.23	45.61	1,003.0	-603.0	1.5	-0.9	-1.7	0.23	0.13	75.16
1,103.0	0.38	54.85	1,103.0	-503.0	1.8	-0.4	-1.9	0.16	0.15	9.24
1,203.0	0.83	14.45	1,203.0	-403.0	2.7	0.0	-2.6	0.59	0.45	-40.40
1,303.0	0.94	14.81	1,303.0	-303.0	4.2	0.4	-3.9	0.11	0.11	0.36
1,403.0	1.03	21.57	1,403.0	-203.0	5.8	0.9	-5.3	0.15	0.09	6.76
1,503.0	1.02	21.74	1,502.9	-103.1	7.5	1.6	-6.7	0.01	-0.01	0.17
1,603.0	0.93	27.56	1,602.9	-3.1	9.0	2.3	-8.0	0.13	-0.09	5.82
1,703.0	0.88	28.95	1,702.9	96.9	10.4	3.0	-9.1	0.05	-0.05	1.39
1,803.0	0.82	28.15	1,802.9	196.9	11.7	3.8	-10.1	0.06	-0.06	-0.80
1,903.0	0.86	21.09	1,902.9	296.9	13.0	4.4	-11.2	0.11	0.04	-7.06
2,003.0	0.89	20.78	2,002.9	396.9	14.5	4.9	-12.5	0.03	0.03	-0.31
2,103.0	1.05	13.42	2,102.9	496.9	16.1	5.4	-13.9	0.20	0.16	-7.36
2,203.0	1.26	9.79	2,202.9	596.9	18.1	5.8	-15.6	0.22	0.21	-3.63
2,303.0	1.45	1.78	2,302.8	696.8	20.4	6.0	-17.8	0.27	0.19	-8.01
2,403.0	1.62	357.10	2,402.8	796.8	23.1	6.0	-20.4	0.21	0.17	-4.68
2,503.0	1.44	352.97	2,502.8	896.8	25.7	5.8	-23.0	0.21	-0.18	-4.13
2,603.0	1.37	349.95	2,602.7	996.7	28.2	5.4	-25.4	0.10	-0.07	-3.02
2,703.0	1.25	345.71	2,702.7	1,096.7	30.4	4.9	-27.7	0.15	-0.12	-4.24
2,803.0	1.03	343.24	2,802.7	1,196.7	32.3	4.4	-29.7	0.23	-0.22	-2.47
2,903.0	0.95	338.02	2,902.7	1,296.7	34.0	3.8	-31.4	0.12	-0.08	-5.22
3,003.0	0.87	331.35	3,002.6	1,396.6	35.4	3.2	-33.0	0.13	-0.08	-6.67
3,103.0	0.81	328.92	3,102.6	1,496.6	36.7	2.4	-34.4	0.07	-0.06	-2.43
3,203.0	0.75	323.46	3,202.6	1,596.6	37.8	1.7	-35.7	0.10	-0.06	-5.46
3,303.0	0.76	325.10	3,302.6	1,696.6	38.9	0.9	-37.0	0.02	0.01	1.64
3,403.0	0.60	324.18	3,402.6	1,796.6	40.0	0.1	-38.3	0.04	0.04	-0.92
3,503.0	0.79	322.28	3,502.6	1,896.6	41.1	-0.7	-39.6	0.03	-0.01	-1.90
3,603.0	0.71	325.03	3,602.6	1,996.6	42.1	-1.5	-40.8	0.09	-0.08	2.75
3,703.0	0.69	320.53	3,702.6	2,096.6	43.1	-2.2	-41.9	0.06	-0.02	-4.50
3,803.0	0.65	318.59	3,802.6	2,196.6	44.0	-3.0	-43.0	0.05	-0.04	-1.94
3,903.0	0.62	313.45	3,902.6	2,296.6	44.8	-3.8	-44.0	0.06	-0.03	-5.14
4,003.0	0.66	313.65	4,002.6	2,396.6	45.6	-4.6	-45.0	0.04	0.04	0.20
4,103.0	0.67	316.87	4,102.6	2,496.6	46.4	-5.4	-46.0	0.04	0.01	3.22
4,203.0	0.65	314.88	4,202.6	2,596.6	47.2	-6.2	-47.0	0.03	-0.02	-1.99
4,303.0	0.66	315.27	4,302.5	2,696.5	48.0	-7.0	-48.0	0.01	0.01	0.39
4,403.0	0.60	315.88	4,402.5	2,796.5	48.8	-7.8	-49.0	0.06	-0.06	0.81
4,503.0	0.47	316.21	4,502.5	2,896.5	49.5	-8.4	-49.8	0.13	-0.13	0.33
4,603.0	0.38	316.12	4,602.5	2,996.5	50.0	-8.9	-50.5	0.09	-0.09	-0.09
4,703.0	0.33	318.61	4,702.5	3,096.5	50.5	-9.3	-51.0	0.05	-0.05	2.49
4,803.0	0.33	318.70	4,802.5	3,196.5	50.9	-9.7	-51.6	0.00	0.00	0.09
4,903.0	0.33	322.14	4,902.5	3,296.5	51.4	-10.1	-52.1	0.02	0.00	3.44

<b>Database:</b>	EDM 5000.1 Single User Do	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Marcellus	<b>TVD Reference:</b>	KB @ 1606 0usft
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1606 0usft
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	Grid
<b>Well:</b>	Well #514214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 As Drilled Surveys		

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,003.0	0.32	327.30	5,002.5	3,396.5	51.8	-10.4	-52.6	0.03	-0.01	5.16	
5,103.0	0.31	325.78	5,102.5	3,496.5	52.3	-10.7	-53.1	0.01	-0.01	-1.52	
5,203.0	0.15	333.78	5,202.5	3,596.5	52.6	-10.9	-53.5	0.16	-0.16	8.00	
5,303.0	0.16	117.74	5,302.5	3,696.5	52.7	-10.9	-53.6	0.29	0.01	143.96	
5,403.0	0.27	130.91	5,402.5	3,796.5	52.4	-10.6	-53.3	0.12	0.11	13.17	
5,503.0	0.28	135.68	5,502.5	3,896.5	52.1	-10.2	-52.9	0.02	0.01	4.77	
5,603.0	0.34	136.11	5,602.5	3,996.5	51.7	-9.8	-52.4	0.06	0.06	0.43	
5,703.0	0.29	113.06	5,702.5	4,096.5	51.4	-9.4	-52.0	-0.14	-0.05	-23.05	
5,803.0	0.35	106.53	5,802.5	4,196.5	51.2	-8.9	-51.6	0.07	0.06	-6.53	
5,903.0	0.35	118.55	5,902.5	4,296.5	51.0	-8.3	-51.2	0.07	0.00	12.02	
6,003.0	0.26	124.04	6,002.5	4,396.5	50.7	-7.9	-50.8	0.09	-0.09	5.49	
6,103.0	0.25	147.77	6,102.5	4,496.5	50.4	-7.6	-50.5	0.11	-0.01	23.73	
6,203.0	0.21	203.02	6,202.5	4,596.5	50.1	-7.5	-50.1	0.22	-0.04	55.25	
6,303.0	0.27	230.82	6,302.5	4,696.5	49.7	-7.8	-49.9	0.13	0.06	27.80	
6,403.0	0.24	248.02	6,402.5	4,796.5	49.5	-8.1	-49.8	0.08	-0.03	17.20	
6,503.0	0.26	256.78	6,502.5	4,896.5	49.4	-8.6	-49.8	0.04	0.02	8.76	
6,603.0	0.21	262.64	6,602.5	4,996.5	49.3	-9.0	-49.8	0.06	-0.05	5.86	
<b>Gyro Tie In MD=6703</b>											
6,703.0	0.21	270.49	6,702.5	5,096.5	49.3	-9.3	-49.9	0.03	0.00	7.85	
6,738.0	1.10	24.90	6,737.5	5,131.5	49.6	-9.2	-50.2	3.43	2.54	326.89	
6,769.0	3.60	78.30	6,768.5	5,162.5	50.1	-8.2	-50.3	9.91	8.06	172.26	
6,801.0	5.40	88.40	6,800.4	5,194.4	50.3	-5.7	-49.8	6.12	5.63	31.56	
6,832.0	3.50	87.90	6,831.3	5,225.3	50.4	-3.3	-49.2	6.13	-6.13	-1.61	
6,864.0	0.50	323.60	6,863.3	5,257.3	50.5	-2.4	-49.1	11.89	-9.38	-388.44	
6,895.0	1.30	299.80	6,894.3	5,288.3	50.8	-2.8	-49.5	2.79	2.58	-76.77	
6,926.0	1.60	302.20	6,925.3	5,319.3	51.2	-3.4	-50.0	0.99	0.97	7.74	
6,958.0	1.50	300.40	6,957.2	5,351.2	51.7	-4.2	-50.7	0.35	-0.31	-5.63	
6,990.0	0.40	179.40	6,989.2	5,383.2	51.8	-4.5	-50.9	5.44	-3.44	-378.13	
7,021.0	1.00	145.40	7,020.2	5,414.2	51.4	-4.4	-50.5	2.27	1.94	-109.68	
7,053.0	1.00	143.90	7,052.2	5,446.2	51.0	-4.1	-50.0	0.08	0.00	-4.69	
7,085.0	0.80	142.40	7,084.2	5,478.2	50.6	-3.8	-49.5	0.63	-0.63	-4.69	
7,116.0	1.10	140.70	7,115.2	5,509.2	50.2	-3.4	-49.1	0.97	0.97	-5.48	
7,148.0	3.90	156.30	7,147.2	5,541.2	48.9	-2.8	-47.7	8.92	8.75	48.75	
7,179.0	7.50	161.20	7,178.0	5,572.0	46.1	-1.7	-44.6	11.71	11.61	15.81	
7,211.0	8.70	161.30	7,209.7	5,603.7	41.8	-0.3	-40.1	3.75	3.75	0.31	
7,243.0	9.60	165.40	7,241.3	5,635.3	36.9	1.2	-35.0	3.47	2.81	12.81	
7,274.0	12.80	168.50	7,271.7	5,665.7	31.0	2.5	-29.0	10.50	10.32	10.00	
7,305.0	14.20	169.80	7,301.9	5,695.9	23.9	3.9	-21.8	4.82	4.52	4.19	
7,337.0	16.70	167.90	7,332.7	5,726.7	15.6	5.5	-13.3	7.97	7.81	-5.94	
7,369.0	19.30	163.40	7,363.1	5,757.1	6.0	8.0	-3.5	9.21	8.13	-14.06	
7,400.0	21.30	164.00	7,392.2	5,786.2	-4.3	11.0	7.3	6.49	6.45	1.94	
7,431.0	21.40	165.60	7,421.1	5,815.1	-15.2	14.0	18.6	1.91	0.32	5.16	
7,463.0	24.10	167.80	7,450.6	5,844.6	-27.2	16.8	30.9	8.85	8.44	6.88	



Phoenix Technology Services  
Survey Report



<b>Database:</b>	EDM 5000 1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Matcoelus	<b>TVD Reference:</b>	KB @ 1508 Usft
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1600 Usft
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	Gnd
<b>Well:</b>	Well # 514214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 As Drilled Surveys		

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,495.0	24.40	167.90	7,479.8	5,873.8	-40.1	19.6	44.0	0.95	0.94	0.31	
7,525.0	27.50	165.00	7,506.7	5,900.7	-52.8	22.7	57.1	11.16	10.33	-9.67	
7,557.0	32.00	164.60	7,534.5	5,928.5	-68.2	26.8	73.0	14.08	14.06	-1.25	
7,589.0	36.80	161.50	7,560.9	5,954.9	-85.4	32.1	91.1	15.96	15.00	-9.69	
7,620.0	42.00	160.20	7,584.9	5,978.9	-104.0	38.6	110.7	16.98	16.77	-4.19	
7,652.0	46.90	159.00	7,607.7	6,001.7	-125.0	46.4	133.1	15.54	15.31	-3.75	
7,684.0	52.90	160.60	7,628.3	6,022.3	-148.0	54.6	157.5	19.13	18.75	5.00	
7,715.0	57.00	160.30	7,646.1	6,040.1	-171.9	63.3	182.6	13.25	13.23	-0.97	
7,747.0	62.30	160.00	7,662.3	6,056.3	-197.8	72.7	210.4	16.58	16.56	-0.94	
7,776.0	66.20	161.30	7,675.7	6,069.7	-224.2	82.0	238.3	13.14	12.58	4.19	
7,810.0	71.30	163.50	7,687.3	6,081.3	-252.6	91.0	268.1	17.18	15.94	6.88	
7,842.0	75.70	165.60	7,696.4	6,090.4	-282.2	99.1	298.7	15.12	13.75	6.56	
7,873.0	78.20	167.80	7,703.4	6,097.4	-311.6	106.1	328.9	10.62	8.06	7.10	
7,905.0	81.80	167.20	7,709.0	6,103.0	-342.3	112.9	360.3	11.40	11.25	-1.88	
<b>514214 LP Plan #</b>											
7,908.0	82.25	167.08	7,709.4	6,103.4	-345.2	113.6	363.3	15.33	14.83	-3.90	
7,936.0	86.40	166.00	7,712.1	6,106.1	-372.3	120.0	391.1	15.33	14.84	-3.87	
8,002.0	92.10	164.70	7,713.0	6,107.0	-436.1	136.7	457.0	8.86	8.64	-1.97	
8,065.0	92.40	164.90	7,710.5	6,104.5	-496.9	153.2	519.9	0.57	0.48	0.32	
8,127.0	91.10	164.20	7,708.6	6,102.6	-556.6	169.7	581.9	2.38	-2.10	-1.13	
8,191.0	91.70	164.60	7,707.1	6,101.1	-618.2	186.9	645.9	1.13	0.94	0.63	
<b>STAZIA LP</b>											
8,197.6	91.62	164.64	7,706.9	6,100.9	-624.6	188.7	652.5	1.42	-1.27	0.64	
8,254.0	90.90	165.00	7,705.6	6,099.6	-679.0	203.5	708.8	1.42	-1.27	0.63	
8,317.0	89.50	163.30	7,705.4	6,099.4	-739.6	220.7	771.8	3.50	-2.22	-2.70	
8,380.0	88.80	160.60	7,706.4	6,100.4	-799.5	240.2	834.8	4.43	-1.11	-4.29	
8,443.0	89.50	161.10	7,707.3	6,101.3	-859.0	260.8	897.7	1.37	1.11	0.79	
8,506.0	90.10	162.20	7,707.5	6,101.5	-918.8	280.7	960.7	1.99	0.95	1.75	
8,569.0	89.10	161.80	7,708.0	6,102.0	-978.7	300.1	1,023.7	1.71	-1.59	-0.63	
8,633.0	88.90	162.00	7,709.1	6,103.1	-1,039.5	320.0	1,087.6	0.44	-0.31	0.31	
8,696.0	88.90	161.30	7,710.3	6,104.3	-1,099.3	339.8	1,150.6	1.11	0.00	-1.11	
8,759.0	89.70	162.60	7,711.1	6,105.1	-1,159.2	359.4	1,213.6	2.42	1.27	2.06	
8,822.0	90.60	163.40	7,710.9	6,104.9	-1,219.5	377.6	1,276.6	1.91	1.43	1.27	
8,885.0	90.50	162.80	7,710.3	6,104.3	-1,279.7	396.1	1,339.6	0.97	-0.16	-0.95	
8,948.0	89.40	162.90	7,710.3	6,104.3	-1,339.9	414.7	1,402.6	1.75	-1.75	0.16	
9,011.0	88.60	162.80	7,711.4	6,105.4	-1,400.1	433.2	1,465.6	1.28	-1.27	-0.16	
9,074.0	88.40	161.60	7,713.1	6,107.1	-1,460.1	452.5	1,528.5	1.93	-0.32	-1.90	
9,137.0	88.90	162.40	7,714.6	6,108.6	-1,520.0	472.0	1,591.5	1.50	0.79	1.27	
9,200.0	89.50	163.10	7,715.5	6,109.5	-1,580.1	490.6	1,654.5	1.46	0.95	1.11	
9,263.0	89.00	162.50	7,716.3	6,110.3	-1,640.3	509.3	1,717.5	1.24	-0.79	-0.95	
9,327.0	88.80	163.40	7,717.5	6,111.5	-1,701.5	528.0	1,781.5	1.44	-0.31	1.41	
9,390.0	89.00	162.80	7,718.7	6,112.7	-1,761.8	546.3	1,844.4	1.00	0.32	-0.95	
9,453.0	89.10	163.30	7,719.8	6,113.8	-1,822.0	564.7	1,907.4	0.81	0.16	0.79	

<b>Database:</b>	EEM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Marcellus	<b>TVD Reference:</b>	KB @ 1606 Dush
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1606 Dush
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	Grid
<b>Well:</b>	Well #G14214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 As Drilled Surveys		

**Survey**

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Buird Rate (°/100usft)	Turn Rate (°/100usft)
9,516.0	88.80	162.10	7,720.9	6,114.9	-1,882.2	583.4	1,970.4	1.96	-0.48	-1.90
9,579.0	88.80	161.50	7,722.2	6,116.2	-1,942.0	603.1	2,033.4	0.95	0.00	-0.95
9,643.0	89.10	162.70	7,723.4	6,117.4	-2,002.9	622.8	2,097.4	1.93	0.47	1.86
9,706.0	89.20	166.60	7,724.3	6,118.3	-2,063.6	639.5	2,160.3	6.19	0.16	6.19
9,769.0	90.20	167.40	7,724.7	6,118.7	-2,125.0	653.6	2,223.2	2.03	1.59	1.27
9,832.0	88.80	167.20	7,725.2	6,119.2	-2,186.5	667.5	2,286.0	2.24	-2.22	-0.32
9,895.0	89.20	168.40	7,726.3	6,120.3	-2,248.0	680.8	2,348.8	2.01	0.63	1.90
9,959.0	87.40	166.50	7,728.2	6,122.2	-2,310.5	694.7	2,412.6	4.09	-2.81	-2.97
10,022.0	88.00	167.10	7,730.7	6,124.7	-2,371.7	709.1	2,475.5	1.35	0.95	0.95
10,085.0	88.40	167.60	7,732.7	6,126.7	-2,433.2	722.8	2,538.3	1.02	0.63	0.79
10,148.0	89.50	165.90	7,733.9	6,127.9	-2,494.5	737.3	2,601.2	3.21	1.75	-2.70
10,211.0	88.30	165.50	7,735.1	6,129.1	-2,555.5	752.8	2,664.1	2.01	-1.90	-0.63
10,273.0	88.90	166.00	7,736.6	6,130.6	-2,615.6	768.1	2,726.0	1.26	0.97	0.81
10,336.0	88.60	165.00	7,738.0	6,132.0	-2,676.6	783.9	2,789.0	1.66	-0.48	-1.59
10,399.0	88.60	161.50	7,739.5	6,133.5	-2,736.9	802.0	2,851.9	5.55	0.00	-5.56
10,462.0	89.00	161.60	7,740.8	6,134.8	-2,796.6	821.9	2,914.9	0.65	0.63	0.16
10,525.0	89.20	161.20	7,741.8	6,135.8	-2,856.3	842.0	2,977.8	0.71	0.32	-0.63
10,588.0	89.40	161.30	7,742.6	6,136.6	-2,916.0	862.3	3,040.8	0.35	0.32	0.16
10,651.0	89.90	161.90	7,743.0	6,137.0	-2,975.8	882.2	3,103.8	1.24	0.79	0.95
10,714.0	88.70	160.00	7,743.8	6,137.8	-3,035.3	902.7	3,166.7	3.57	-1.90	-3.02
10,777.0	87.90	159.60	7,745.6	6,139.6	-3,094.4	924.5	3,229.5	1.42	-1.27	-0.63
10,839.0	87.30	160.60	7,748.2	6,142.2	-3,152.6	945.6	3,291.4	1.86	-0.97	1.61
10,902.0	87.10	160.10	7,751.3	6,145.3	-3,211.9	966.7	3,354.2	0.85	-0.32	-0.79
10,965.0	89.20	162.90	7,753.3	6,147.3	-3,271.6	986.7	3,417.2	5.55	3.33	4.44
11,029.0	89.20	162.40	7,754.2	6,148.2	-3,332.7	1,005.8	3,481.1	0.78	0.00	-0.78
11,092.0	90.00	162.80	7,754.7	6,148.7	-3,392.8	1,024.6	3,544.1	1.42	1.27	0.63
11,155.0	90.10	164.00	7,754.6	6,148.6	-3,453.2	1,042.6	3,607.1	1.91	0.16	1.90
11,218.0	89.80	163.10	7,754.7	6,148.7	-3,513.6	1,060.5	3,670.1	1.51	-0.48	-1.43
11,281.0	90.00	162.50	7,754.8	6,148.8	-3,573.8	1,079.1	3,733.1	1.00	0.32	-0.95
11,345.0	90.00	162.60	7,754.8	6,148.8	-3,634.8	1,098.3	3,797.1	0.16	0.00	0.16
11,408.0	90.00	162.10	7,754.8	6,148.8	-3,694.9	1,117.4	3,860.1	0.79	0.00	-0.79
11,471.0	89.30	164.70	7,755.2	6,149.2	-3,755.2	1,135.4	3,923.1	4.27	-1.11	4.13
11,534.0	89.30	164.40	7,755.9	6,149.9	-3,816.0	1,152.2	3,986.1	0.48	0.00	-0.48
11,597.0	87.00	165.80	7,758.0	6,152.0	-3,876.8	1,168.4	4,049.0	4.27	-3.65	2.22
11,661.0	87.90	166.40	7,760.6	6,154.8	-3,938.9	1,183.7	4,112.9	1.69	1.41	0.94
11,724.0	88.50	167.20	7,762.8	6,156.8	-4,000.2	1,198.1	4,175.7	1.59	0.95	1.27
11,787.0	88.40	166.50	7,764.5	6,158.5	-4,061.5	1,212.4	4,238.6	1.12	-0.16	-1.11
11,850.0	87.30	165.60	7,766.9	6,160.9	-4,122.6	1,227.6	4,301.5	2.26	-1.75	-1.43
11,913.0	86.30	165.60	7,770.4	6,164.4	-4,183.5	1,243.2	4,364.3	1.59	-1.59	0.00
11,976.0	86.10	165.20	7,774.5	6,166.5	-4,244.3	1,259.1	4,427.2	0.71	-0.32	-0.63
12,039.0	86.20	165.60	7,778.8	6,172.8	-4,305.2	1,274.9	4,490.0	0.65	0.16	0.63
12,102.0	86.20	165.60	7,783.0	6,177.0	-4,366.1	1,290.6	4,552.8	0.00	0.00	0.00



Phoenix Technology Services  
Survey Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Marcellus	<b>TVD Reference:</b>	KB @ 1606.0usft
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1606.0usft
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	.Gnd
<b>Well:</b>	Well #314214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 AS Drilled Surveys		

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,166.0	86.60	165.90	7,787.0	6,181.0	-4,428.0	1,306.3	4,616.6	0.78	0.63	0.47
12,229.0	86.70	165.70	7,790.7	6,184.7	-4,488.9	1,321.7	4,679.4	0.35	0.16	-0.32
12,292.0	88.00	166.00	7,793.6	6,187.6	-4,550.0	1,337.1	4,742.3	2.12	2.06	0.48
12,355.0	89.20	164.90	7,795.1	6,189.1	-4,610.9	1,352.9	4,805.2	2.58	1.90	-1.75
12,418.0	89.30	164.70	7,795.9	6,189.9	-4,671.7	1,369.4	4,868.2	0.35	0.16	-0.32
12,481.0	89.20	164.40	7,796.8	6,190.8	-4,732.4	1,386.2	4,931.2	0.50	-0.16	-0.48
12,545.0	89.00	163.40	7,797.8	6,191.8	-4,793.9	1,404.0	4,995.2	1.59	-0.31	-1.56
12,608.0	87.80	161.30	7,799.5	6,193.5	-4,853.9	1,423.1	5,058.1	3.84	-1.90	-3.33
12,670.0	88.70	162.20	7,801.4	6,195.4	-4,912.8	1,442.5	5,120.1	2.05	1.45	1.45
12,734.0	89.00	162.20	7,802.7	6,196.7	-4,973.7	1,462.0	5,184.1	0.47	0.47	0.00
12,796.0	88.50	161.30	7,804.0	6,198.0	-5,032.6	1,481.4	5,246.0	1.66	-0.81	-1.45
12,859.0	88.00	159.90	7,806.0	6,200.0	-5,092.0	1,502.3	5,308.9	2.36	-0.79	-2.22
12,923.0	86.60	159.90	7,809.0	6,203.0	-5,152.0	1,524.3	5,372.7	2.19	-2.19	0.00
12,985.0	87.50	160.60	7,812.2	6,206.2	-5,210.3	1,545.2	5,434.6	1.84	1.45	1.13
13,049.0	87.00	159.00	7,815.2	6,209.2	-5,270.3	1,567.3	5,498.4	2.62	-0.78	-2.50
13,112.0	86.60	158.20	7,818.8	6,212.8	-5,328.8	1,590.3	5,561.0	1.42	-0.63	-1.27
13,175.0	86.60	157.70	7,822.5	6,216.5	-5,387.1	1,613.9	5,623.7	0.79	0.00	-0.79
13,238.0	87.30	161.10	7,825.9	6,219.9	-5,446.0	1,636.0	5,686.4	5.50	1.11	5.40
13,301.0	87.60	160.70	7,828.7	6,222.7	-5,505.5	1,656.6	5,749.3	0.79	0.48	-0.63
13,364.0	87.80	160.60	7,831.2	6,225.2	-5,564.9	1,677.5	5,812.2	0.35	0.32	-0.16
13,427.0	88.10	162.90	7,833.4	6,227.4	-5,624.6	1,697.2	5,875.1	3.68	0.48	3.65
13,490.0	88.00	162.10	7,835.6	6,229.6	-5,684.7	1,716.1	5,938.1	1.28	-0.16	-1.27
13,553.0	88.00	161.80	7,837.8	6,231.8	-5,744.6	1,735.6	6,001.0	0.48	0.00	-0.48
13,616.0	86.80	164.90	7,840.6	6,234.6	-5,804.8	1,753.6	6,063.9	5.27	-1.90	4.92
13,679.0	86.70	163.50	7,844.2	6,238.2	-5,865.4	1,770.8	6,126.8	2.22	-0.16	-2.22
13,742.0	87.30	163.90	7,847.5	6,241.5	-5,925.8	1,788.4	6,189.7	1.14	0.95	0.63
13,805.0	88.20	165.50	7,850.0	6,244.0	-5,986.5	1,805.0	6,252.7	2.91	1.43	2.54
13,868.0	87.90	167.10	7,852.1	6,246.1	-6,047.6	1,819.9	6,315.5	2.58	-0.48	2.54
13,932.0	88.40	167.00	7,854.2	6,248.2	-6,110.0	1,834.3	6,379.4	0.80	0.78	-0.16
13,995.0	87.00	165.00	7,856.7	6,250.7	-6,171.1	1,849.5	6,442.2	3.87	-2.22	-3.17
14,058.0	87.60	165.70	7,859.7	6,253.7	-6,231.9	1,865.4	6,505.1	1.46	0.95	1.11
14,121.0	87.20	165.40	7,862.5	6,256.5	-6,292.9	1,881.1	6,568.0	0.79	-0.63	-0.48
14,184.0	88.50	167.00	7,864.9	6,258.9	-6,354.0	1,896.1	6,630.9	3.27	2.06	2.54
14,247.0	89.60	167.90	7,866.0	6,260.0	-6,415.5	1,909.8	6,693.7	2.26	1.75	1.43
14,310.0	88.40	166.70	7,867.1	6,261.1	-6,476.9	1,923.7	6,756.6	2.69	-1.90	-1.90
14,373.0	87.80	164.10	7,869.1	6,263.1	-6,537.9	1,939.5	6,819.5	4.23	-0.95	-4.13
14,436.0	87.80	164.50	7,871.6	6,265.6	-6,598.5	1,956.6	6,882.4	0.63	0.00	0.63
14,499.0	88.30	163.60	7,873.7	6,267.7	-6,659.0	1,973.9	6,945.4	1.63	0.79	-1.43
14,562.0	88.70	163.70	7,875.4	6,269.4	-6,719.4	1,991.6	7,008.4	0.65	0.63	0.16
14,625.0	88.00	161.90	7,877.2	6,271.2	-6,779.6	2,010.2	7,071.3	3.06	-1.11	-2.86
14,688.0	87.50	161.30	7,879.6	6,273.6	-6,839.3	2,030.1	7,134.3	1.24	-0.79	-0.95
14,751.0	87.20	160.00	7,882.6	6,276.6	-6,898.7	2,051.0	7,197.1	2.12	-0.48	-2.06
14,814.0	87.30	160.10	7,885.6	6,279.6	-6,957.9	2,072.4	7,259.9	0.22	0.16	0.16



Phoenix Technology Services  
Survey Report



<b>Database:</b>	EDM 1000 1 Single User Dtd	<b>Local Co-ordinate Reference:</b>	Site Taylor County 514214
<b>Company:</b>	EQT Production - Marcellus	<b>TVD Reference:</b>	KB @ 1606 usft
<b>Project:</b>	Taylor County, WV	<b>MD Reference:</b>	KB @ 1600 usft
<b>Site:</b>	Taylor County 514214	<b>North Reference:</b>	Grid
<b>Well:</b>	Well #514214	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Main Wellbore		
<b>Design:</b>	514214 As Drilled Surveys		

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,877.0	88.00	160.00	7,888.2	6,282.2	-7,017.0	2,093.9	7,322.8	1.12	1.11	-0.16
14,941.0	88.40	159.80	7,890.2	6,284.2	-7,077.1	2,115.9	7,386.6	0.70	0.63	-0.31
15,004.0	88.50	159.60	7,891.9	6,285.9	-7,136.2	2,137.7	7,449.5	0.35	0.16	-0.32
15,067.0	88.50	159.80	7,893.5	6,287.5	-7,195.2	2,159.6	7,512.3	-0.32	0.00	0.32
15,130.0	88.40	159.10	7,895.2	6,289.2	-7,254.2	2,181.7	7,575.2	1.12	-0.16	-1.11
15,193.0	88.40	162.80	7,897.0	6,291.0	-7,313.7	2,202.2	7,638.1	5.87	0.00	5.87
15,256.0	88.40	162.60	7,898.7	6,292.7	-7,373.8	2,221.0	7,701.1	0.32	0.00	-0.32
15,320.0	88.30	161.30	7,900.6	6,294.6	-7,434.7	2,240.8	7,765.0	2.04	-0.16	-2.03
15,383.0	87.80	164.50	7,902.7	6,296.7	-7,494.8	2,259.3	7,828.0	5.14	-0.79	5.08
15,446.0	87.20	162.90	7,905.5	6,299.5	-7,555.3	2,277.0	7,890.9	2.71	-0.95	-2.54
15,509.0	87.50	163.30	7,908.4	6,302.4	-7,615.5	2,295.3	7,953.8	0.79	0.48	0.63
15,572.0	88.40	164.00	7,910.6	6,304.6	-7,675.9	2,313.0	8,016.8	1.81	1.43	1.11
15,635.0	88.70	163.80	7,912.2	6,306.2	-7,736.4	2,330.5	8,079.8	0.57	0.48	-0.32
15,698.0	87.90	162.60	7,914.1	6,308.1	-7,796.7	2,348.7	8,142.7	2.29	-1.27	-1.90
15,761.0	87.90	161.20	7,916.4	6,310.4	-7,856.5	2,368.2	8,205.7	2.22	0.00	-2.22
15,824.0	87.80	163.00	7,918.8	6,312.8	-7,916.4	2,387.6	8,268.6	2.86	-0.16	2.86
15,886.0	88.10	163.50	7,921.0	6,315.0	-7,975.8	2,405.4	8,330.6	0.94	0.48	0.81
15,949.0	88.00	163.60	7,923.1	6,317.1	-8,036.1	2,423.2	8,393.5	0.22	-0.16	0.16
16,012.0	87.10	162.50	7,925.8	6,319.8	-8,096.3	2,441.6	8,456.5	2.25	-1.43	-1.75
16,075.0	86.90	163.10	7,929.1	6,323.1	-8,156.4	2,460.2	8,519.4	1.00	-0.32	0.95
16,138.0	88.60	163.50	7,931.6	6,325.6	-8,216.7	2,478.3	8,582.3	2.77	2.70	0.63
16,201.0	88.00	164.20	7,933.5	6,327.5	-8,277.2	2,495.8	8,645.3	1.46	-0.95	1.11
16,264.0	88.20	163.50	7,935.6	6,329.6	-8,337.7	2,513.3	8,708.3	1.15	0.32	-1.11
16,327.0	88.00	164.20	7,937.7	6,331.7	-8,398.2	2,530.8	8,771.2	1.15	-0.32	1.11
16,390.0	87.90	164.90	7,939.9	6,333.9	-8,458.9	2,547.6	8,834.2	1.12	-0.16	1.11
16,453.0	89.80	167.80	7,941.2	6,335.2	-8,520.1	2,562.5	8,897.1	5.50	3.02	4.60
16,516.0	90.20	168.40	7,941.2	6,335.2	-8,581.7	2,575.5	8,959.8	1.14	0.63	0.95
16,580.0	89.50	167.70	7,941.3	6,335.3	-8,644.3	2,588.7	9,023.6	1.55	-1.09	-1.09
16,643.0	89.00	165.50	7,942.2	6,336.2	-8,705.6	2,603.3	9,086.5	3.58	-0.79	-3.49
16,706.0	88.40	164.70	7,943.6	6,337.6	-8,766.5	2,619.5	9,149.5	1.59	-0.95	-1.27
16,769.0	88.30	164.20	7,945.4	6,339.4	-8,827.1	2,636.4	9,212.4	0.81	-0.16	-0.79
16,832.0	88.00	160.60	7,947.4	6,341.4	-8,887.1	2,655.4	9,275.4	5.73	-0.48	-5.71
16,895.0	87.30	162.10	7,950.0	6,344.0	-8,946.8	2,675.5	9,338.3	2.63	-1.11	2.38
16,958.0	88.00	163.40	7,952.6	6,346.6	-9,006.9	2,694.2	9,401.2	2.34	1.11	2.06
17,022.0	88.00	163.20	7,954.8	6,348.8	-9,068.2	2,712.6	9,465.2	0.31	0.00	-0.31
17,085.0	88.10	164.00	7,957.0	6,351.0	-9,128.6	2,730.4	9,528.1	1.28	0.16	1.27
17,148.0	88.00	164.00	7,959.1	6,353.1	-9,189.1	2,747.7	9,591.1	0.16	-0.16	0.00
17,211.0	88.00	164.40	7,961.3	6,355.3	-9,249.7	2,764.9	9,654.1	0.63	0.00	0.63
17,274.0	87.60	163.90	7,963.7	6,357.7	-9,310.2	2,782.1	9,717.0	1.02	-0.63	-0.79
17,337.0	88.60	164.50	7,965.8	6,359.8	-9,370.8	2,799.2	9,780.0	1.85	1.59	0.95
17,400.0	88.50	162.50	7,967.4	6,361.4	-9,431.2	2,817.1	9,842.9	3.18	-0.16	-3.17
17,463.0	88.50	161.30	7,969.1	6,363.1	-9,491.1	2,836.7	9,905.9	1.90	0.00	-1.90



Checked By:

Approved By:

Date:

Design Annotations	Measured Depth (usft)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Local Coordinates	Comment
	6.703 0	6.702 5	49.3	-9.3	Gyro Tie In MD=6703	
	19.034 0	8.012 2	-10.991 4	3.294 9	Last Survey MD=19034	
	19.081 0	8.013 1	-11.045 1	3.313 9	Projection to TD MD=19091	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17.526 0	88.50	160.40	7.970 7	6.364 7	-9.550 8	2.857 3	9.968 8	1.43	0.00	-1.43
17.589 0	88.70	161.50	7.972 3	6.366 3	-9.610 1	2.877 9	10.031 7	1.77	0.32	1.75
17.652 0	88.60	162.00	7.973 8	6.367 8	-9.669 9	2.897 6	10.094 7	0.81	-0.16	0.79
17.715 0	88.30	162.00	7.975 5	6.369 5	-9.729 8	2.917 1	10.157 7	0.48	-0.48	0.00
17.778 0	88.10	161.20	7.977 4	6.371 4	-9.789 5	2.936 9	10.220 6	1.31	-0.32	-1.27
17.842 0	87.60	159.20	7.979 8	6.373 8	-9.849 7	2.958 6	10.284 5	3.22	-0.78	-3.13
17.905 0	87.30	158.30	7.982 6	6.376 6	-9.908 4	2.981 4	10.347 2	1.50	-0.48	-1.43
17.968 0	88.50	159.70	7.985 0	6.379 0	-9.967 1	3.004 0	10.410 0	2.93	1.90	2.22
18.031 0	89.10	162.00	7.986 3	6.380 3	-10.026 6	3.024 6	10.472 9	3.77	0.95	3.65
18.094 0	89.20	162.00	7.987 2	6.381 2	-10.086 5	3.044 1	10.535 9	0.16	0.16	0.00
18.157 0	89.30	162.80	7.988 0	6.382 0	-10.146 6	3.063 1	10.598 9	1.28	0.16	1.27
18.220 0	87.10	165.60	7.990 0	6.384 0	-10.207 2	3.080 3	10.661 8	5.65	-3.49	4.44
18.284 0	87.70	166.20	7.992 9	6.386 9	-10.269 2	3.095 9	10.725 7	1.33	0.94	0.94
18.347 0	87.80	166.20	7.995 4	6.389 4	-10.330 3	3.110 9	10.788 5	0.16	0.16	0.00
18.410 0	87.60	165.10	7.997 9	6.391 9	-10.391 3	3.126 5	10.851 4	1.77	-0.32	-1.75
18.473 0	88.20	166.40	8.000 2	6.394 2	-10.452 3	3.142 0	10.914 3	2.27	0.95	2.06
18.536 0	87.50	164.80	8.002 6	6.396 6	-10.513 3	3.157 6	10.977 2	2.77	-1.11	-2.54
18.598 0	88.10	165.60	8.005 0	6.399 0	-10.574 2	3.173 7	11.040 2	1.59	0.95	1.27
18.662 0	89.70	166.90	8.006 2	6.400 2	-10.635 3	3.188 7	11.103 1	3.27	2.54	2.06
18.726 0	89.80	166.70	8.006 5	6.400 5	-10.697 8	3.203 3	11.167 0	0.35	0.16	-0.31
18.789 0	89.30	165.50	8.007 0	6.401 0	-10.758 8	3.218 4	11.229 9	2.06	-0.79	-1.90
18.851 0	88.80	163.20	8.008 0	6.402 0	-10.818 5	3.235 2	11.291 9	3.80	-0.81	-3.71
18.914 0	88.60	161.10	8.009 4	6.403 4	-10.878 4	3.254 5	11.354 8	3.35	-0.32	-3.33
18.977 0	88.50	159.70	8.011 0	6.405 0	-10.937 8	3.275 6	11.417 7	2.23	-0.16	-2.22
19.040 0	89.10	160.60	8.012 2	6.406 2	-10.991 4	3.294 9	11.474 6	1.90	1.05	1.58
19.091 0	89.10	160.60	8.013 1	6.407 1	-11.045 1	3.313 9	11.531 5	0.00	0.00	0.00

Survey	Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Survey	17.526 0	88.50	160.40	7.970 7	6.364 7	-9.550 8	2.857 3	9.968 8	1.43	0.00	-1.43

Database:	EDM 5000 1 Single User DB
Company:	EQT Production - Marcellus
Project:	Taylor County, WV
Site:	Taylor County 514214
Well:	Well #514214
Wellbore:	Main Wellbore
Design:	514214 All Depth Surveys
Local Co-ordinate Reference:	
TVD Reference:	
MD Reference:	
North Reference:	
Survey Calculation Method:	
Minimum Curvature	
Site:	Site Taylor County 514214
KB @ 1608.0usft	
KB @ 1608.0usft	
GND	





# EQT Production - Marcellus

Project: Taylor County, WV  
 Site: Taylor County 514214  
 Well: Well #514214  
 Wellbore: Main Wellbore  
 Design: 514214 As Drilled Surveys

