

DEC 5 2011

Ryan Energy Technologies Survey Report

Company: Chesapeake Appalachia LLC		Date: 12/13/2010	Time: 11:19:10	Page: 1
Field: Wetzel Co, WV		Co-ordinate(NE) Reference:	Site: Hohman HBP S 5H, Grid North	
Site: Hohman HBP S 5H		Vertical (TVD) Reference:		Est RKB 1509.0
Well: Well # HBP S 5H		Section (VS) Reference:		Well (0.00N,0.00E,313.00Azi)
Wellpath: HBP S 5H ST2		Survey Calculation Method:		Minimum Curvature Db: Sybase

Field: Wetzel Co, WV	
Map System: US State Plane Coordinate System 1927	Map Zone: West Virginia, Northern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: Hohman HBP S 5H		
Wetzel Co, WV		
Site Position:	Northing: 432379.00 ft	Latitude: 39 40 51.117 N
From: Map	Easting: 1660365.00 ft	Longitude: 80 42 24.313 W
Position Uncertainty: 2.00 ft	North Reference: Grid	Grid Convergence: -0.77 deg
Ground Level: 1494.00 ft		

Well: Well # HBP S 5H		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 432379.00 ft	Latitude: 39 40 51.117 N
	+E/-W 0.00 ft	Easting: 1660365.00 ft	Longitude: 80 42 24.313 W
Position Uncertainty: 0.00 ft			

Wellpath: HBP S 5H ST2		Drilled From: HBP S 5H ST1	
Current Datum: Est RKB		Tie-on Depth: 0.00 ft	
Magnetic Data: 11/10/2010		Above System Datum: Mean Sea Level	
Field Strength: 52933 nT		Declination: -8.48 deg	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	ft	ft	ft
	0.00	0.00	0.00
			Direction deg
			313.00

Survey Program for Definitive Wellpath			
Date: 12/13/2010	Validated: No	Version: 0	
Actual From ft	To ft	Survey	Toolcode Tool Name
300.00	1200.00	Survey #1 (300.00-1200.00)	SS SS
1508.00	12984.00	Survey #2 (1508.00-12984.00)	Ryan MWD Ryan MWD
13046.00	13046.00	Survey #528 (13046.00-13046.00)	Projection Projection

Survey										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
300.00	0.29	297.27	300.00	0.35	-0.67	0.73	0.10	0.10	0.00	SS
595.00	0.72	187.14	594.99	-1.15	-1.57	0.36	0.29	0.15	-37.33	SS
895.00	0.38	181.51	894.98	-4.01	-1.83	-1.40	0.11	-0.11	-1.88	SS
1200.00	1.33	165.59	1199.94	-8.45	-0.98	-5.05	0.32	0.31	-5.22	SS
1508.00	0.80	241.10	1507.90	-12.95	-1.97	-7.40	0.44	-0.17	24.52	Ryan MWD
1681.00	0.30	273.60	1680.89	-13.51	-3.48	-6.67	0.33	-0.29	18.79	Ryan MWD
1855.00	0.30	248.10	1854.89	-13.65	-4.35	-6.13	0.08	0.00	-14.66	Ryan MWD
2028.00	0.10	206.10	2027.89	-13.96	-4.84	-5.98	0.14	-0.12	-24.28	Ryan MWD
2202.00	0.30	244.60	2201.88	-14.29	-5.32	-5.85	0.13	0.11	22.13	Ryan MWD
2376.00	0.40	263.10	2375.88	-14.56	-6.33	-5.29	0.09	0.06	10.63	Ryan MWD
2549.00	0.30	272.90	2548.88	-14.61	-7.39	-4.56	0.07	-0.06	5.66	Ryan MWD
2737.00	0.40	284.70	2736.87	-14.41	-8.51	-3.61	0.07	0.05	6.28	Ryan MWD
2831.00	0.26	289.99	2830.87	-14.26	-9.03	-3.12	0.15	-0.15	5.63	Ryan MWD
2917.00	1.58	51.19	2916.86	-13.45	-8.29	-3.11	2.01	1.53	140.93	Ryan MWD
3004.00	4.13	58.83	3003.75	-11.07	-4.67	-4.13	2.96	2.93	8.78	Ryan MWD
3091.00	6.06	59.71	3090.40	-7.14	1.97	-6.31	2.22	2.22	1.01	Ryan MWD
3178.00	6.68	67.62	3176.86	-2.89	10.62	-9.74	1.23	0.71	9.09	Ryan MWD
3265.00	7.91	68.68	3263.16	1.21	20.87	-14.44	1.42	1.41	1.22	Ryan MWD
3351.00	9.32	74.83	3348.19	5.18	33.11	-20.68	1.96	1.64	7.15	Ryan MWD
3438.00	10.28	75.18	3433.92	9.01	47.41	-28.53	1.11	1.10	0.40	Ryan MWD

Ryan Energy Technologies Survey Report

WV GEOLOGICAL SURVEY

Company: Chesapeake Appalachia LLC	Date: 12/13/2010	Time: 11:19:10	Page: 2
Field: Wetzel Co, WV	Co-ordinate(NE) Reference:	Site: Hohman HBP S 5H, Grid North	
Site: Hohman HBP S 5H	Vertical (TVD) Reference:	Est RKB 1509.0	
Well: Well # HBP S 5H	Section (VS) Reference:	Well (0.00N,0.00E,313.00Azi)	
Wellpath: HBP S 5H ST2	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
3525.00	12.66	76.32	3519.17	13.25	64.18	-37.90	2.75	2.74	1.31	Ryan MWD
3612.00	15.21	74.57	3603.61	18.55	84.45	-49.11	2.97	2.93	-2.01	Ryan MWD
3698.00	17.14	73.16	3686.20	25.22	107.46	-61.39	2.29	2.24	-1.64	Ryan MWD
3785.00	19.42	77.47	3768.81	32.07	133.85	-76.02	3.05	2.62	4.95	Ryan MWD
3872.00	19.51	80.28	3850.84	37.66	162.29	-93.00	1.08	0.10	3.23	Ryan MWD
3959.00	19.60	78.52	3932.82	43.02	190.91	-110.28	0.68	0.10	-2.02	Ryan MWD
4045.00	19.78	79.93	4013.79	48.44	219.37	-127.41	0.59	0.21	1.64	Ryan MWD
4132.00	19.78	81.42	4095.66	53.21	248.42	-145.40	0.58	0.00	1.71	Ryan MWD
4219.00	19.51	79.14	4177.60	58.14	277.25	-163.11	0.93	-0.31	-2.62	Ryan MWD
4306.00	18.98	79.84	4259.73	63.37	305.44	-180.17	0.66	-0.61	0.80	Ryan MWD
4393.00	18.81	81.68	4342.05	67.90	333.24	-197.41	0.71	-0.20	2.11	Ryan MWD
4479.00	18.19	79.49	4423.60	72.35	360.16	-214.06	1.08	-0.72	-2.55	Ryan MWD
4566.00	18.11	76.76	4506.28	77.93	386.68	-229.65	0.98	-0.09	-3.14	Ryan MWD
4652.00	19.69	78.26	4587.64	83.94	413.87	-245.44	1.92	1.84	1.74	Ryan MWD
4739.00	18.10	81.16	4669.95	88.99	441.58	-262.26	2.12	-1.83	3.33	Ryan MWD
4826.00	18.28	78.52	4752.60	93.79	468.31	-278.53	0.97	0.21	-3.03	Ryan MWD
4912.00	17.67	76.59	4834.40	99.50	494.22	-293.59	0.99	-0.71	-2.24	Ryan MWD
4999.00	19.86	75.01	4916.78	106.38	521.34	-308.73	2.58	2.52	-1.82	Ryan MWD
5086.00	20.92	80.63	4998.33	112.74	550.95	-326.05	2.56	1.22	6.46	Ryan MWD
5173.00	19.86	79.14	5079.88	118.05	580.79	-344.25	1.36	-1.22	-1.71	Ryan MWD
5260.00	17.31	68.41	5162.36	125.60	607.35	-358.53	4.89	-2.93	-12.33	Ryan MWD
5347.00	15.47	66.22	5245.82	135.04	630.00	-368.66	2.23	-2.11	-2.52	Ryan MWD
5433.00	20.69	71.58	5327.55	144.47	654.93	-380.45	6.36	6.07	6.23	Ryan MWD
5520.00	21.62	83.62	5408.73	151.12	685.46	-398.25	5.10	1.07	13.84	Ryan MWD
5607.00	19.16	87.31	5490.27	153.57	715.65	-418.66	3.19	-2.83	4.24	Ryan MWD
5694.00	18.11	85.20	5572.71	155.37	743.39	-437.72	1.43	-1.21	-2.43	Ryan MWD
5781.00	18.72	81.07	5655.26	158.67	770.65	-455.41	1.65	0.70	-4.75	Ryan MWD
5868.00	19.07	80.28	5737.57	163.23	798.45	-472.63	0.50	0.40	-0.91	Ryan MWD
5954.00	19.34	83.09	5818.79	167.32	826.44	-490.31	1.12	0.31	3.27	Ryan MWD
6041.00	19.69	81.33	5900.79	171.26	855.23	-508.68	0.79	0.40	-2.02	Ryan MWD
6125.00	19.40	81.00	5979.95	175.58	883.00	-526.04	0.37	-0.35	-0.39	Ryan MWD
6211.00	18.20	78.20	6061.36	180.56	910.25	-542.58	1.75	-1.40	-3.26	Ryan MWD
6298.00	15.50	79.80	6144.62	185.40	935.00	-557.38	3.15	-3.10	1.84	Ryan MWD
6385.00	13.10	84.00	6228.92	188.49	956.25	-570.81	3.00	-2.76	4.83	Ryan MWD
6472.00	11.80	97.30	6313.89	188.39	974.88	-584.51	3.61	-1.49	15.29	Ryan MWD
6516.00	9.70	77.80	6357.13	188.60	982.97	-590.28	9.48	-4.77	-44.32	Ryan MWD
6560.00	9.00	59.40	6400.55	191.13	989.56	-593.37	6.95	-1.59	-41.82	Ryan MWD
6603.00	9.80	59.60	6442.98	194.70	995.61	-595.36	1.86	1.86	0.47	Ryan MWD
6647.00	11.30	64.10	6486.23	198.48	1002.72	-597.98	3.89	3.41	10.23	Ryan MWD
6690.00	12.10	70.60	6528.34	201.81	1010.76	-601.59	3.58	1.86	15.12	Ryan MWD
6734.00	14.10	77.70	6571.20	204.49	1020.35	-606.78	5.83	4.55	16.14	Ryan MWD
6777.00	19.80	72.30	6612.31	207.82	1032.41	-613.33	13.74	13.26	-12.56	Ryan MWD
6821.00	25.40	66.20	6652.92	213.90	1048.16	-620.70	13.78	12.73	-13.86	Ryan MWD
6864.00	30.00	62.00	6690.99	222.67	1066.10	-627.84	11.62	10.70	-9.77	Ryan MWD
6907.00	33.60	55.30	6727.54	234.50	1085.39	-633.87	11.72	8.37	-15.58	Ryan MWD
6951.00	35.80	47.10	6763.73	250.20	1104.84	-637.39	11.72	5.00	-18.64	Ryan MWD
6994.00	37.40	37.90	6798.28	269.08	1122.09	-637.13	13.28	3.72	-21.40	Ryan MWD
7038.00	39.90	28.50	6832.67	292.05	1137.04	-632.40	14.49	5.68	-21.36	Ryan MWD
7081.00	41.70	20.00	6865.24	317.64	1148.53	-623.35	13.57	4.19	-19.77	Ryan MWD
7125.00	41.50	10.10	6898.18	345.77	1156.10	-609.70	14.93	-0.45	-22.50	Ryan MWD
7168.00	43.70	1.60	6929.86	374.67	1159.01	-592.12	14.32	5.12	-19.77	Ryan MWD
7211.00	46.70	353.40	6960.18	405.10	1157.63	-570.36	15.21	6.98	-19.07	Ryan MWD
7255.00	49.60	344.60	6989.57	437.20	1151.33	-543.86	16.28	6.59	-20.00	Ryan MWD
7298.00	51.80	335.80	7016.83	468.43	1140.04	-514.30	16.63	5.12	-20.47	Ryan MWD

RECEIVED

DEC 5 2011

Ryan Energy Technologies

Survey Report

103-02460

WV GEOLOGICAL SURVEY

Company: Chesapeake Appalachia LLC	Date: 12/13/2010	Time: 11:19:10	Page: 3
Field: Wetzel Co, WV	Co-ordinate(NE) Reference:	Site: Hohman HBP S 5H, Grid North	
Site: Hohman HBP S 5H	Vertical (TVD) Reference:	Est RKB 1509.0	
Well: Well # HBP S 5H	Section (VS) Reference:	Well (0.00N,0.00E,313.00Azi)	
Wellpath: HBP S 5H ST2	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7341.00	53.20	328.40	7043.03	498.53	1124.08	-482.10	14.03	3.26	-17.21	Ryan MWD
7385.00	56.20	321.00	7068.48	527.78	1103.32	-446.97	15.32	6.82	-16.82	Ryan MWD
7428.00	59.40	315.00	7091.40	554.77	1078.97	-410.75	13.95	7.44	-13.95	Ryan MWD
7471.00	61.80	311.40	7112.52	580.40	1051.66	-373.30	9.18	5.58	-8.37	Ryan MWD
7515.00	65.40	309.80	7132.08	606.04	1021.74	-333.93	8.81	8.18	-3.64	Ryan MWD
7558.00	68.40	308.20	7148.95	630.92	991.00	-294.49	7.77	6.98	-3.72	Ryan MWD
7602.00	71.50	307.40	7164.03	656.25	958.34	-253.33	7.25	7.05	-1.82	Ryan MWD
7645.00	74.30	306.90	7176.67	681.06	925.59	-212.45	6.61	6.51	-1.16	Ryan MWD
7688.00	77.50	306.50	7187.15	705.98	892.15	-171.00	7.50	7.44	-0.93	Ryan MWD
7732.00	80.00	306.10	7195.73	731.53	857.38	-128.14	5.75	5.68	-0.91	Ryan MWD
7775.00	80.20	314.00	7203.14	758.76	824.98	-85.88	18.10	0.47	18.37	Ryan MWD
7818.00	84.80	314.90	7208.75	788.61	794.55	-43.27	10.90	10.70	2.09	Ryan MWD
7862.00	89.60	314.80	7210.90	819.60	763.41	0.64	10.91	10.91	-0.23	Ryan MWD
7905.00	90.70	314.00	7210.78	849.68	732.68	43.63	3.16	2.56	-1.86	Ryan MWD
7948.00	90.80	312.00	7210.22	879.00	701.24	86.62	4.66	0.23	-4.65	Ryan MWD
8035.00	91.10	310.10	7208.78	936.13	635.64	173.56	2.21	0.34	-2.18	Ryan MWD
8122.00	92.10	310.50	7206.35	992.37	569.32	260.42	1.24	1.15	0.46	Ryan MWD
8209.00	92.50	312.50	7202.86	1049.97	504.21	347.32	2.34	0.46	2.30	Ryan MWD
8296.00	91.40	314.40	7199.90	1109.77	441.10	434.26	2.52	-1.26	2.18	Ryan MWD
8383.00	91.20	312.90	7197.92	1169.80	378.16	521.23	1.74	-0.23	-1.72	Ryan MWD
8469.00	89.60	312.30	7197.32	1228.01	314.86	607.22	1.99	-1.86	-0.70	Ryan MWD
8556.00	89.70	311.80	7197.85	1286.28	250.26	694.21	0.59	0.11	-0.57	Ryan MWD
8643.00	90.60	311.10	7197.63	1343.87	185.05	781.18	1.31	1.03	-0.80	Ryan MWD
8730.00	90.60	311.20	7196.71	1401.11	119.55	868.13	0.11	0.00	0.11	Ryan MWD
8817.00	90.50	310.40	7195.88	1457.96	53.69	955.06	0.93	-0.11	-0.92	Ryan MWD
8904.00	91.70	311.50	7194.21	1514.97	-12.00	1041.98	1.87	1.38	1.26	Ryan MWD
8990.00	92.10	311.00	7191.36	1571.64	-76.63	1127.90	0.74	0.47	-0.58	Ryan MWD
9077.00	90.20	310.60	7189.61	1628.47	-142.47	1214.81	2.23	-2.18	-0.46	Ryan MWD
9164.00	90.60	307.70	7189.00	1683.39	-209.93	1301.60	3.36	0.46	-3.33	Ryan MWD
9251.00	92.00	310.20	7187.03	1738.06	-277.56	1388.35	3.29	1.61	2.87	Ryan MWD
9337.00	92.30	311.50	7183.80	1794.27	-342.57	1474.23	1.55	0.35	1.51	Ryan MWD
9424.00	90.70	314.00	7181.53	1853.30	-406.42	1561.19	3.41	-1.84	2.87	Ryan MWD
9511.00	89.10	314.10	7181.68	1913.79	-468.95	1648.17	1.84	-1.84	0.11	Ryan MWD
9598.00	89.10	313.90	7183.04	1974.22	-531.53	1735.15	0.23	0.00	-0.23	Ryan MWD
9685.00	90.90	314.00	7183.04	2034.60	-594.16	1822.13	2.07	2.07	0.11	Ryan MWD
9771.00	91.50	313.50	7181.24	2094.05	-656.27	1908.11	0.91	0.70	-0.58	Ryan MWD
9858.00	92.30	313.50	7178.36	2153.91	-719.34	1995.05	0.92	0.92	0.00	Ryan MWD
9945.00	90.90	313.80	7175.93	2213.93	-782.27	2082.01	1.65	-1.61	0.34	Ryan MWD
10032.00	91.00	312.90	7174.49	2273.65	-845.52	2169.00	1.04	0.11	-1.03	Ryan MWD
10119.00	90.40	314.00	7173.42	2333.47	-908.67	2255.99	1.44	-0.69	1.26	Ryan MWD
10206.00	91.90	314.80	7171.68	2394.33	-970.82	2342.94	1.95	1.72	0.92	Ryan MWD
10292.00	88.80	314.10	7171.15	2454.54	-1032.20	2428.90	3.70	-3.60	-0.81	Ryan MWD
10379.00	89.40	314.10	7172.52	2515.08	-1094.67	2515.87	0.69	0.69	0.00	Ryan MWD
10466.00	89.30	313.50	7173.51	2575.29	-1157.46	2602.86	0.70	-0.11	-0.69	Ryan MWD
10553.00	89.30	313.30	7174.57	2635.06	-1220.67	2689.85	0.23	0.00	-0.23	Ryan MWD
10640.00	91.40	314.40	7174.04	2695.33	-1283.40	2776.83	2.72	2.41	1.26	Ryan MWD
10727.00	91.30	312.80	7171.99	2755.31	-1346.39	2863.80	1.84	-0.11	-1.84	Ryan MWD
10814.00	90.70	311.90	7170.47	2813.91	-1410.67	2950.78	1.24	-0.69	-1.03	Ryan MWD
10901.00	90.40	310.50	7169.63	2871.21	-1476.13	3037.73	1.65	-0.34	-1.61	Ryan MWD
10944.00	90.70	309.90	7169.22	2898.96	-1508.97	3080.68	1.56	0.70	-1.40	Ryan MWD
10988.00	91.80	309.30	7168.26	2927.00	-1542.86	3124.59	2.85	2.50	-1.36	Ryan MWD
11031.00	91.70	309.20	7166.95	2954.20	-1576.15	3167.48	0.33	-0.23	-0.23	Ryan MWD
11075.00	92.30	308.50	7165.41	2981.78	-1610.39	3211.33	2.09	1.36	-1.59	Ryan MWD

RECEIVED

DEC 5 2010

Ryan Energy Technologies Survey Report

103-02460

WV GEOLOGICAL SURVEY

Company: Chesapeake Appalachia LLC	Date: 12/13/2010	Time: 11:19:10	Page: 4
Field: Wetzel Co, WV	Co-ordinate(NE) Reference:	Site: Hohman HBP S 5H, Grid North	
Site: Hohman HBP S 5H	Vertical (TVD) Reference:	Est RKB 1509.0	
Well: Well # HBP S 5H	Section (VS) Reference:	Well (0.00N,0.00E,313.00Azi)	
Wellpath: HBP S 5H ST2	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
11118.00	94.00	308.60	7163.05	3008.53	-1643.97	3254.14	3.96	3.95	0.23	Ryan MWD
11161.00	94.30	309.00	7159.94	3035.41	-1677.39	3296.91	1.16	0.70	0.93	Ryan MWD
11205.00	94.20	309.50	7156.68	3063.17	-1711.37	3340.69	1.16	-0.23	1.14	Ryan MWD
11248.00	93.70	310.50	7153.72	3090.74	-1744.23	3383.53	2.60	-1.16	2.33	Ryan MWD
11292.00	92.20	311.50	7151.45	3119.57	-1777.39	3427.45	4.10	-3.41	2.27	Ryan MWD
11335.00	91.10	312.90	7150.21	3148.44	-1809.23	3470.42	4.14	-2.56	3.26	Ryan MWD
11422.00	91.10	312.70	7148.54	3207.54	-1873.06	3557.41	0.23	0.00	-0.23	Ryan MWD
11509.00	91.30	312.80	7146.72	3266.59	-1936.93	3644.39	0.26	0.23	0.11	Ryan MWD
11596.00	91.60	313.00	7144.52	3325.79	-2000.64	3731.36	0.41	0.34	0.23	Ryan MWD
11683.00	91.50	312.30	7142.17	3384.71	-2064.60	3818.32	0.81	-0.11	-0.80	Ryan MWD
11769.00	91.40	311.10	7139.99	3441.90	-2128.79	3904.27	1.40	-0.12	-1.40	Ryan MWD
11856.00	90.70	308.70	7138.40	3497.69	-2195.52	3991.12	2.87	-0.80	-2.76	Ryan MWD
11943.00	91.30	308.40	7136.88	3551.90	-2263.55	4077.85	0.77	0.69	-0.34	Ryan MWD
12029.00	91.90	308.20	7134.48	3605.18	-2331.01	4163.52	0.74	0.70	-0.23	Ryan MWD
12116.00	91.90	309.30	7131.59	3659.61	-2398.83	4250.24	1.26	0.00	1.26	Ryan MWD
12203.00	91.90	307.60	7128.71	3713.68	-2466.92	4336.91	1.95	0.00	-1.95	Ryan MWD
12290.00	93.00	307.80	7124.99	3766.83	-2535.69	4423.46	1.29	1.26	0.23	Ryan MWD
12377.00	93.70	307.30	7119.90	3819.76	-2604.55	4509.92	0.99	0.80	-0.57	Ryan MWD
12464.00	93.90	306.50	7114.14	3871.88	-2673.97	4596.23	0.95	0.23	-0.92	Ryan MWD
12550.00	93.00	307.00	7108.96	3923.24	-2742.75	4681.57	1.20	-1.05	0.58	Ryan MWD
12637.00	93.10	307.00	7104.33	3975.53	-2812.13	4767.97	0.11	0.11	0.00	Ryan MWD
12724.00	93.50	307.10	7099.33	4027.86	-2881.45	4854.35	0.47	0.46	0.11	Ryan MWD
12811.00	94.00	306.80	7093.64	4080.04	-2950.83	4940.68	0.67	0.57	-0.34	Ryan MWD
12898.00	94.60	306.40	7087.11	4131.77	-3020.48	5026.90	0.83	0.69	-0.46	Ryan MWD
12984.00	95.40	306.60	7079.62	4182.73	-3089.35	5112.02	0.96	0.93	0.23	Ryan MWD
13046.00	95.40	306.60	7073.78	4219.53	-3138.90	5173.36	0.00	0.00	0.00	PROJECTED to TD