

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PA 531-13 KMV	6759.00	3146.75	-2228.28	1627019.20	2309090.60	39.5293743	-107.9497512	Circle (Radius: 50.00)
- plan misses target center by 48.99usft at 7858.93usft MD (6767.14 TVD, 3107.32 N, -2200.36 E)								
PA 531-13 PBHL	9506.00	3146.75	-2228.28	1627019.20	2309090.60	39.5293743	-107.9497512	Point
- plan misses target center by 0.01usft at 10600.56usft MD (9506.00 TVD, 3146.75 N, -2228.28 E)								



## **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**PA 44-13 Pad**

**PA 531-13**

**OH**

**Plan: Plan #2 16May2019 mmsdi**

## **Standard Planning Report**

**20 May, 2019**



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well PA 531-13
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Site:</b>	PA 44-13 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 531-13	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #2 16May2019 mmsdi		

<b>Project</b>	Garfield County, CO NAD83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		

Site		PA 44-13 Pad			
Site Position:		Northing:	1,623,813.70 usft	Latitude:	39.5207354
From:	Map	Easting:	2,311,233.50 usft	Longitude:	-107.9418514
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence:	-1.54 °

Well	PA 531-13					
Well Position	+N/-S	0.00 usft	Northing:	1,623,813.70 usft	Latitude:	39.5207354
	+E/-W	0.00 usft	Easting:	2,311,233.50 usft	Longitude:	-107.9418514
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	6,571.10 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM	5/2/2019	9.32	65.75	51,492

<b>Design</b>	Plan #2 16May2019 mmsdi			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	324.70

<b>Plan Sections</b>										
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
135.00	0.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,110.76	34.15	324.70	1,054.00	230.39	-163.14	3.50	3.50	0.00	324.70	
6,470.57	34.15	324.70	5,489.53	2,685.98	-1,902.00	0.00	0.00	0.00	0.00	
7,850.67	10.00	324.70	6,759.00	3,106.16	-2,199.54	1.75	-1.75	0.00	180.00	
8,422.09	0.00	0.00	7,327.53	3,146.75	-2,228.28	1.75	-1.75	6.18	180.00	
10,600.56	0.00	0.00	9,506.00	3,146.75	-2,228.28	0.00	0.00	0.00	0.00	PA 531-13 PBHL

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well PA 531-13
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Site:</b>	PA 44-13 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 531-13	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #2 16May2019 mmsdi		

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
135.00	0.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.50									
200.00	2.28	324.70	199.98	1.05	-0.75	1.29	3.50	3.50	0.00
300.00	5.78	324.70	299.72	6.78	-4.80	8.31	3.50	3.50	0.00
400.00	9.28	324.70	398.84	17.47	-12.37	21.40	3.50	3.50	0.00
500.00	12.78	324.70	496.98	33.07	-23.42	40.52	3.50	3.50	0.00
600.00	16.28	324.70	593.77	53.54	-37.91	65.60	3.50	3.50	0.00
700.00	19.78	324.70	688.85	78.78	-55.79	96.54	3.50	3.50	0.00
800.00	23.28	324.70	781.86	108.72	-76.99	133.22	3.50	3.50	0.00
900.00	26.78	324.70	872.46	143.24	-101.43	175.52	3.50	3.50	0.00
1,000.00	30.28	324.70	960.31	182.21	-129.02	223.26	3.50	3.50	0.00
9 5/8"									
1,100.00	33.78	324.70	1,045.07	225.48	-159.67	276.28	3.50	3.50	0.00
1,110.76	34.15	324.70	1,054.00	230.39	-163.14	282.30	3.50	3.50	0.00
Start 5359.80 hold at 1110.76 MD									
1,200.00	34.15	324.70	1,127.85	271.27	-192.09	332.39	0.00	0.00	0.00
1,300.00	34.15	324.70	1,210.61	317.08	-224.53	388.53	0.00	0.00	0.00
1,400.00	34.15	324.70	1,293.36	362.90	-256.98	444.67	0.00	0.00	0.00
1,500.00	34.15	324.70	1,376.12	408.71	-289.42	500.81	0.00	0.00	0.00
1,600.00	34.15	324.70	1,458.87	454.53	-321.86	556.95	0.00	0.00	0.00
1,700.00	34.15	324.70	1,541.63	500.34	-354.30	613.09	0.00	0.00	0.00
1,800.00	34.15	324.70	1,624.38	546.16	-386.75	669.23	0.00	0.00	0.00
1,900.00	34.15	324.70	1,707.14	591.97	-419.19	725.36	0.00	0.00	0.00
2,000.00	34.15	324.70	1,789.89	637.79	-451.63	781.50	0.00	0.00	0.00
2,100.00	34.15	324.70	1,872.65	683.60	-484.08	837.64	0.00	0.00	0.00
2,200.00	34.15	324.70	1,955.40	729.42	-516.52	893.78	0.00	0.00	0.00
2,300.00	34.15	324.70	2,038.16	775.23	-548.96	949.92	0.00	0.00	0.00
2,400.00	34.15	324.70	2,120.91	821.05	-581.40	1,006.06	0.00	0.00	0.00
2,500.00	34.15	324.70	2,203.67	866.86	-613.85	1,062.20	0.00	0.00	0.00
2,600.00	34.15	324.70	2,286.43	912.68	-646.29	1,118.34	0.00	0.00	0.00
2,700.00	34.15	324.70	2,369.18	958.49	-678.73	1,174.47	0.00	0.00	0.00
2,800.00	34.15	324.70	2,451.94	1,004.31	-711.17	1,230.61	0.00	0.00	0.00
2,900.00	34.15	324.70	2,534.69	1,050.13	-743.62	1,286.75	0.00	0.00	0.00
3,000.00	34.15	324.70	2,617.45	1,095.94	-776.06	1,342.89	0.00	0.00	0.00
3,100.00	34.15	324.70	2,700.20	1,141.76	-808.50	1,399.03	0.00	0.00	0.00
3,200.00	34.15	324.70	2,782.96	1,187.57	-840.94	1,455.17	0.00	0.00	0.00
3,300.00	34.15	324.70	2,865.71	1,233.39	-873.39	1,511.31	0.00	0.00	0.00
3,400.00	34.15	324.70	2,948.47	1,279.20	-905.83	1,567.44	0.00	0.00	0.00
3,500.00	34.15	324.70	3,031.22	1,325.02	-938.27	1,623.58	0.00	0.00	0.00
3,600.00	34.15	324.70	3,113.98	1,370.83	-970.72	1,679.72	0.00	0.00	0.00
3,700.00	34.15	324.70	3,196.73	1,416.65	-1,003.16	1,735.86	0.00	0.00	0.00
3,800.00	34.15	324.70	3,279.49	1,462.46	-1,035.60	1,792.00	0.00	0.00	0.00
3,900.00	34.15	324.70	3,362.25	1,508.28	-1,068.04	1,848.14	0.00	0.00	0.00
3,985.50	34.15	324.70	3,433.00	1,547.45	-1,095.78	1,896.14	0.00	0.00	0.00
G Sand									
4,000.00	34.15	324.70	3,445.00	1,554.09	-1,100.49	1,904.28	0.00	0.00	0.00
4,093.04	34.15	324.70	3,522.00	1,596.72	-1,130.67	1,956.51	0.00	0.00	0.00
G Sand Base									
4,100.00	34.15	324.70	3,527.76	1,599.91	-1,132.93	1,960.41	0.00	0.00	0.00

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<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Site:</b>	PA 44-13 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 531-13	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #2 16May2019 mmsdi		

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)
4,200.00	34.15	324.70	3,610.51	1,645.72	-1,165.37	2,016.55	0.00	0.00	0.00
4,300.00	34.15	324.70	3,693.27	1,691.54	-1,197.81	2,072.69	0.00	0.00	0.00
4,400.00	34.15	324.70	3,776.02	1,737.35	-1,230.26	2,128.83	0.00	0.00	0.00
4,500.00	34.15	324.70	3,858.78	1,783.17	-1,262.70	2,184.97	0.00	0.00	0.00
4,600.00	34.15	324.70	3,941.53	1,828.98	-1,295.14	2,241.11	0.00	0.00	0.00
4,700.00	34.15	324.70	4,024.29	1,874.80	-1,327.58	2,297.25	0.00	0.00	0.00
4,800.00	34.15	324.70	4,107.04	1,920.61	-1,360.03	2,353.39	0.00	0.00	0.00
4,900.00	34.15	324.70	4,189.80	1,966.43	-1,392.47	2,409.52	0.00	0.00	0.00
5,000.00	34.15	324.70	4,272.55	2,012.24	-1,424.91	2,465.66	0.00	0.00	0.00
5,100.00	34.15	324.70	4,355.31	2,058.06	-1,457.35	2,521.80	0.00	0.00	0.00
5,200.00	34.15	324.70	4,438.07	2,103.87	-1,489.80	2,577.94	0.00	0.00	0.00
5,300.00	34.15	324.70	4,520.82	2,149.69	-1,522.24	2,634.08	0.00	0.00	0.00
5,400.00	34.15	324.70	4,603.58	2,195.50	-1,554.68	2,690.22	0.00	0.00	0.00
5,500.00	34.15	324.70	4,686.33	2,241.32	-1,587.13	2,746.36	0.00	0.00	0.00
5,600.00	34.15	324.70	4,769.09	2,287.13	-1,619.57	2,802.49	0.00	0.00	0.00
5,700.00	34.15	324.70	4,851.84	2,332.95	-1,652.01	2,858.63	0.00	0.00	0.00
5,800.00	34.15	324.70	4,934.60	2,378.76	-1,684.45	2,914.77	0.00	0.00	0.00
5,900.00	34.15	324.70	5,017.35	2,424.58	-1,716.90	2,970.91	0.00	0.00	0.00
6,000.00	34.15	324.70	5,100.11	2,470.39	-1,749.34	3,027.05	0.00	0.00	0.00
6,100.00	34.15	324.70	5,182.86	2,516.21	-1,781.78	3,083.19	0.00	0.00	0.00
6,200.00	34.15	324.70	5,265.62	2,562.02	-1,814.22	3,139.33	0.00	0.00	0.00
6,300.00	34.15	324.70	5,348.37	2,607.84	-1,846.67	3,195.46	0.00	0.00	0.00
6,400.00	34.15	324.70	5,431.13	2,653.65	-1,879.11	3,251.60	0.00	0.00	0.00
6,470.57	34.15	324.70	5,489.53	2,685.98	-1,902.00	3,291.22	0.00	0.00	0.00
<b>Start Drop -1.75</b>									
6,500.00	33.64	324.70	5,513.96	2,699.38	-1,911.49	3,307.63	1.75	-1.75	0.00
6,600.00	31.89	324.70	5,598.05	2,743.54	-1,942.76	3,361.74	1.75	-1.75	0.00
6,700.00	30.14	324.70	5,683.75	2,785.58	-1,972.53	3,413.26	1.75	-1.75	0.00
6,772.67	28.86	324.70	5,747.00	2,814.79	-1,993.21	3,449.05	1.75	-1.75	0.00
<b>WFRK UMVRD</b>									
6,800.00	28.39	324.70	5,770.99	2,825.47	-2,000.78	3,462.14	1.75	-1.75	0.00
6,900.00	26.64	324.70	5,859.68	2,863.17	-2,027.47	3,508.33	1.75	-1.75	0.00
6,917.12	26.34	324.70	5,875.00	2,869.40	-2,031.89	3,515.97	1.75	-1.75	0.00
<b>OCRK - MVRD</b>									
7,000.00	24.89	324.70	5,949.73	2,898.64	-2,052.59	3,551.79	1.75	-1.75	0.00
7,100.00	23.14	324.70	6,041.08	2,931.85	-2,076.11	3,592.48	1.75	-1.75	0.00
7,200.00	21.39	324.70	6,133.62	2,962.76	-2,098.00	3,630.37	1.75	-1.75	0.00
7,300.00	19.64	324.70	6,227.28	2,991.36	-2,118.25	3,665.41	1.75	-1.75	0.00
7,400.00	17.89	324.70	6,321.96	3,017.61	-2,136.83	3,697.57	1.75	-1.75	0.00
7,500.00	16.14	324.70	6,417.58	3,041.48	-2,153.74	3,726.82	1.75	-1.75	0.00
7,600.00	14.39	324.70	6,514.05	3,062.96	-2,168.95	3,753.14	1.75	-1.75	0.00
7,700.00	12.64	324.70	6,611.28	3,082.03	-2,182.45	3,776.51	1.75	-1.75	0.00
7,800.00	10.89	324.70	6,709.17	3,098.67	-2,194.23	3,796.89	1.75	-1.75	0.00
7,850.67	10.00	324.70	6,759.00	3,106.16	-2,199.54	3,806.07	1.75	-1.75	0.00
<b>Start DLS 1.75 TFO 180.00 - KMGAS</b>									
7,858.93	9.86	324.70	6,767.14	3,107.32	-2,200.36	3,807.50	1.75	-1.75	0.00
<b>PA 531-13 KMW</b>									
7,900.00	9.14	324.70	6,807.65	3,112.85	-2,204.28	3,814.28	1.75	-1.75	0.00
8,000.00	7.39	324.70	6,906.61	3,124.58	-2,212.58	3,828.64	1.75	-1.75	0.00
8,100.00	5.64	324.70	7,005.96	3,133.83	-2,219.14	3,839.98	1.75	-1.75	0.00
8,200.00	3.89	324.70	7,105.61	3,140.61	-2,223.93	3,848.29	1.75	-1.75	0.00

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<b>Site:</b>	PA 44-13 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 531-13	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #2 16May2019 mmsdi		

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)
8,300.00	2.14	324.70	7,205.47	3,144.90	-2,226.97	3,853.54	1.75	-1.75	0.00
8,400.00	0.39	324.70	7,305.44	3,146.69	-2,228.24	3,855.74	1.75	-1.75	0.00
8,422.09	0.00	0.00	7,327.53	3,146.75	-2,228.28	3,855.82	1.75	-1.75	0.00
Start 2178.47 hold at 8422.09 MD									
8,500.00	0.00	0.00	7,405.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
8,600.00	0.00	0.00	7,505.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
8,700.00	0.00	0.00	7,605.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
8,800.00	0.00	0.00	7,705.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
8,900.00	0.00	0.00	7,805.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,000.00	0.00	0.00	7,905.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,100.00	0.00	0.00	8,005.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,200.00	0.00	0.00	8,105.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,300.00	0.00	0.00	8,205.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,400.00	0.00	0.00	8,305.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,500.00	0.00	0.00	8,405.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,600.00	0.00	0.00	8,505.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,700.00	0.00	0.00	8,605.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,800.00	0.00	0.00	8,705.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,900.00	0.00	0.00	8,805.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
9,995.56	0.00	0.00	8,901.00	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
CMEO									
10,000.00	0.00	0.00	8,905.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,100.00	0.00	0.00	9,005.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,200.00	0.00	0.00	9,105.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,300.00	0.00	0.00	9,205.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,400.00	0.00	0.00	9,305.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,475.56	0.00	0.00	9,381.00	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
RLNS									
10,500.00	0.00	0.00	9,405.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,600.00	0.00	0.00	9,505.44	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
10,600.56	0.00	0.00	9,506.00	3,146.75	-2,228.28	3,855.82	0.00	0.00	0.00
TD at 10600.56 - TD - PA 531-13 PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PA 531-13 KMV	0.00	0.00	6,759.00	3,146.75	-2,228.28	1,627,019.20	2,309,090.60	39.5293743	-107.9497513
- hit/miss target									
- Shape									
- plan misses target center by 48.99usft at 7858.93usft MD (6767.14 TVD, 3107.32 N, -2200.36 E)									
- Circle (radius 50.00)									
PA 531-13 PBHL	0.00	0.00	9,506.00	3,146.75	-2,228.28	1,627,019.20	2,309,090.60	39.5293743	-107.9497513
- hit/miss target									
- Shape									
- plan misses target center by 0.01usft at 10600.56usft MD (9506.00 TVD, 3146.75 N, -2228.28 E)									
- Point									

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well PA 531-13
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 6571.1' & RKB 24' @ 6595.10usft (H&P 318)
<b>Site:</b>	PA 44-13 Pad	<b>North Reference:</b>	True
<b>Well:</b>	PA 531-13	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #2 16May2019 mmsdi		

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,000.00	960.31	9 5/8"	9.62	12.25	

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,985.50	3,433.00	G Sand		0.00	0.00
4,093.04	3,522.00	G Sand Base		0.00	0.00
6,772.67	5,747.00	WFRK UMVRD		0.00	0.00
6,917.12	5,875.00	OCRK		0.00	0.00
6,917.12	5,875.00	MVRD		0.00	0.00
7,850.67	6,759.00	KMVGAS		0.00	0.00
9,995.56	8,901.00	CMEO		0.00	0.00
10,475.56	9,381.00	RLNS		0.00	0.00
10,600.56	9,506.00	TD		0.00	0.00

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
135.00	135.00	0.00	0.00	Start Build 3.50	
1,110.76	1,054.00	230.39	-163.14	Start 5359.80 hold at 1110.76 MD	
6,470.57	5,489.53	2,685.98	-1,902.00	Start Drop -1.75	
7,850.67	6,759.00	3,106.16	-2,199.54	Start DLS 1.75 TFO 180.00	
8,422.09	7,327.53	3,146.75	-2,228.28	Start 2178.47 hold at 8422.09 MD	
10,600.56	9,506.00	3,146.75	-2,228.28	TD at 10600.56	