

30-025-42277



July 27, 2015

HOBBS OCD
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RECEIVED

Devon Energy Production Company, L.P.
Well: Taipan 10 State Com 8H
County/Parish: Lea County, NM

LEAM MWD: (ST01) from 9,234' MD – 13,869' MD
Projection: 13,923' MD

This Borehole Survey taken between 07/15/15 and 07/23/15 had been conducted and calculated according to the highest professional standards and complies with all known State and Federal requirements.

Reviewed and Approved:

Date: July 27, 2015

Physical & Mailing: 303 Longmire Dr., Suite 801, Conroe, TX 77304
936-756-7577 • www.leaf.net • 1 (800) 756-7504



Survey Certification Form

State of New Mexico

Lea County

I, Randy W. Rakowitz, certify that; I am employed by LEAM Drilling Systems LLC, that I did on the day(s) of July 15, 2015 through July 23, 2015, conduct or supervise the taking of MWD Survey from a depth of 9,234' to 13,923' MD; that the data is true, correct, complete and within the limitations of the tools as set forth by LEAM Drilling Systems LLC, that I am authorized and qualified to make this report; that this survey was conducted at the request of Devon Energy Production Company, L.P. for the Taipan 10 State Com 8H (ST01) in Lea County, New Mexico; and that I reviewed this report and find that it conforms to the principals and procedures as set forth by LEAM Drilling Systems LLC.

A handwritten signature in black ink, appearing to read 'Randy W. Rakowitz', written over a solid black horizontal line.

Randy W. Rakowitz
MWD Operations Coordinator

Leam Drilling Systems LLC

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well 8H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3704.3' GL + 25' RKB @ 3729.30usft
Site:	Taipan 10 State Com	MD Reference:	3704.3' GL + 25' RKB @ 3729.30usft
Well:	8H	North Reference:	Grid
Wellbore:	ST	Survey Calculation Method:	Minimum Curvature
Design:	ST	Database:	EDM 5000.1 Multi_User Db

Project	Lea County, NM (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Taipan 10 State Com		
Site Position:		Northing:	477,845.65 usft
From:	Map	Easting:	778,742.24 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 18' 40.792 N
		Longitude:	103° 33' 53.583 W
		Grid Convergence:	0.41 °

Well	8H, Lower Brushy		
Well Position	+N/-S	0.00 usft	Northing: 477,845.65 usft
	+E/-W	0.00 usft	Easting: 778,742.24 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,729.30 usft
		Latitude:	32° 18' 40.792 N
		Longitude:	103° 33' 53.583 W
		Ground Level:	3,704.30 usft

Wellbore	ST		
Magnetics	Model Name	Sample Date	Declination (°)
	BGGM2015	07/13/15	7.25
			Dip Angle (°) 60.23
			Field Strength (nT) 48,264

Design	ST		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	9,207.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 359.31

Survey Program	Date	07/31/15			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
188.00	5,109.00	Survey #1 (OH)	MWD-ISCWSA	MWD - Standard	
5,298.00	9,207.00	Survey #2 (OH)	LEAM MWD+HDGM	MWD+HDGM	
9,234.00	13,869.00	Survey #1 (ST)	LEAM MWD+HDGM	MWD+HDGM	
13,923.00	13,923.00	Survey #2 (ST)	Project	Projection	

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
188.00	0.48	326.00	188.00	0.65	-0.44	0.66	0.26	0.26	0.00
213.00	0.31	355.71	213.00	0.81	-0.50	0.81	1.04	-0.68	118.84
273.00	0.40	359.00	273.00	1.18	-0.52	1.18	0.15	0.15	5.48
399.00	0.48	338.00	398.99	2.11	-0.73	2.12	0.14	0.06	-16.67
556.00	0.70	330.13	555.98	3.55	-1.45	3.57	0.15	0.14	-5.01
743.00	0.48	28.14	742.98	5.23	-1.65	5.25	0.32	-0.12	31.02
838.00	0.79	28.80	837.97	6.15	-1.15	6.17	0.33	0.33	0.69

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Well:	8H	North Reference:	Grid
Wellbore:	ST	Survey Calculation Method:	Minimum Curvature
Design:	ST	Database:	EDM 5000.1 Multi_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)
931.00	1.10	39.52	930.96	7.41	-0.27	7.41	0.38	0.33	11.53
1,026.00	1.41	45.30	1,025.93	8.93	1.14	8.92	0.35	0.33	6.08
1,218.00	0.40	71.73	1,217.91	10.80	3.46	10.76	0.56	-0.53	13.77
1,311.00	0.31	39.30	1,310.91	11.10	3.93	11.05	0.23	-0.10	-34.87
1,423.00	0.31	246.90	1,422.91	11.21	3.84	11.17	0.54	0.00	-136.07
1,516.00	0.09	217.72	1,515.91	11.06	3.56	11.01	0.25	-0.24	-31.38
1,608.00	0.22	267.03	1,607.90	10.99	3.34	10.95	0.19	0.14	53.60
1,698.00	0.04	329.32	1,697.90	11.01	3.15	10.97	0.23	-0.20	69.21
1,793.00	0.31	316.03	1,792.90	11.22	2.96	11.19	0.29	0.28	-13.99
1,888.00	0.31	330.00	1,887.90	11.63	2.65	11.60	0.08	0.00	14.71
1,982.00	0.40	343.33	1,981.90	12.17	2.43	12.14	0.13	0.10	14.18
2,077.00	0.48	333.21	2,076.90	12.84	2.16	12.81	0.12	0.08	-10.65
2,172.00	0.79	342.83	2,171.89	13.82	1.78	13.80	0.34	0.33	10.13
2,267.00	0.79	322.93	2,266.88	14.97	1.19	14.95	0.29	0.00	-20.95
2,361.00	0.79	319.02	2,360.87	15.97	0.38	15.97	0.06	0.00	-4.16
2,456.00	1.01	331.32	2,455.86	17.20	-0.45	17.21	0.31	0.23	12.95
2,551.00	1.10	331.00	2,550.85	18.74	-1.30	18.75	0.09	0.09	-0.34
2,645.00	1.01	343.80	2,644.83	20.32	-1.96	20.34	0.27	-0.10	13.62
2,738.00	1.10	340.02	2,737.82	21.95	-2.50	21.97	0.12	0.10	-4.06
2,834.00	1.32	0.63	2,833.79	23.92	-2.80	23.95	0.50	0.23	21.47
2,967.00	1.41	6.04	2,966.76	27.08	-2.61	27.11	0.12	0.07	4.07
3,021.00	1.10	8.81	3,020.74	28.25	-2.46	28.28	0.58	-0.57	5.13
3,116.00	1.32	18.60	3,115.72	30.19	-1.97	30.21	0.32	0.23	10.31
3,210.00	1.32	11.71	3,209.70	32.27	-1.41	32.29	0.17	0.00	-7.33
3,306.00	1.58	19.44	3,305.67	34.60	-0.74	34.61	0.34	0.27	8.05
3,404.00	2.20	29.50	3,403.61	37.52	0.63	37.51	0.72	0.63	10.27
3,495.00	2.29	33.24	3,494.54	40.56	2.49	40.52	0.19	0.10	4.11
3,589.00	2.99	32.23	3,588.44	44.20	4.83	44.14	0.75	0.74	-1.07
3,686.00	3.21	33.63	3,685.30	48.60	7.68	48.51	0.24	0.23	1.44
3,781.00	3.12	39.44	3,780.16	52.81	10.79	52.68	0.35	-0.09	6.12
3,876.00	3.52	39.44	3,875.00	57.06	14.29	56.89	0.42	0.42	0.00
3,971.00	2.50	46.33	3,969.86	60.75	17.64	60.53	1.14	-1.07	7.25
4,066.00	2.50	45.10	4,064.77	63.64	20.61	63.39	0.06	0.00	-1.29
4,160.00	1.71	51.43	4,158.71	65.96	23.16	65.68	0.87	-0.84	6.73
4,253.00	2.29	59.61	4,251.65	67.77	25.84	67.45	0.69	0.62	8.80
4,347.00	3.52	72.22	4,345.53	69.60	30.21	69.23	1.47	1.31	13.41
4,441.00	3.30	80.52	4,439.37	70.92	35.63	70.49	0.57	-0.23	8.83
4,535.00	3.79	72.71	4,533.19	72.29	41.26	71.79	0.73	0.52	-8.31
4,628.00	4.92	74.49	4,625.92	74.27	48.04	73.69	1.22	1.22	1.91
4,725.00	5.58	73.22	4,722.51	76.75	56.56	76.06	0.69	0.68	-1.31
4,821.00	5.80	74.80	4,818.04	79.37	65.71	78.57	0.28	0.23	1.65
4,916.00	5.32	78.80	4,912.59	81.48	74.67	80.57	0.65	-0.51	4.21
5,011.00	4.92	78.10	5,007.21	83.18	82.97	82.17	0.43	-0.42	-0.74

Leam Drilling Systems LLC

Survey Report

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Site:	Taipan 10 State Com	MD Reference:	3704.3' GL + 25' RKB @ 3729.30usft
Well:	8H	North Reference:	Grid
Wellbore:	ST	Survey Calculation Method:	Minimum Curvature
Design:	ST	Database:	EDM 5000.1 Multi_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)
5,109.00	4.61	77.79	5,104.87	84.87	90.93	83.77	0.32	-0.32	-0.32
5,298.00	3.78	76.19	5,293.36	87.97	104.41	86.70	0.44	-0.44	-0.85
5,392.00	3.08	74.61	5,387.19	89.38	109.85	88.05	0.75	-0.74	-1.68
5,487.00	2.29	71.97	5,482.09	90.64	114.12	89.26	0.84	-0.83	-2.78
5,581.00	1.41	54.74	5,576.04	91.89	116.85	90.48	1.10	-0.94	-18.33
5,675.00	1.06	350.10	5,670.02	93.42	117.64	91.99	1.44	-0.37	-68.77
5,770.00	2.11	306.46	5,764.99	95.32	116.08	93.92	1.61	1.11	-45.94
5,865.00	3.52	296.09	5,859.87	97.64	112.06	96.29	1.57	1.48	-10.92
5,959.00	5.45	288.88	5,953.58	100.36	105.24	99.08	2.14	2.05	-7.67
6,053.00	6.16	288.00	6,047.10	103.36	96.22	102.19	0.76	0.76	-0.94
6,148.00	5.80	285.72	6,141.58	106.24	86.75	105.18	0.45	-0.38	-2.40
6,242.00	6.51	279.57	6,235.04	108.41	76.93	107.47	1.03	0.76	-6.54
6,336.00	6.42	278.86	6,328.44	110.10	66.48	109.30	0.13	-0.10	-0.76
6,431.00	6.42	278.16	6,422.84	111.68	55.97	110.99	0.08	0.00	-0.74
6,525.00	7.12	275.35	6,516.19	112.96	44.97	112.42	0.82	0.74	-2.99
6,620.00	7.21	275.52	6,610.45	114.09	33.18	113.68	0.10	0.09	0.18
6,715.00	8.18	270.60	6,704.59	114.73	20.48	114.48	1.23	1.02	-5.18
6,809.00	8.53	268.32	6,797.59	114.60	6.83	114.51	0.51	0.37	-2.43
6,904.00	8.27	264.10	6,891.58	113.69	-7.01	113.76	0.70	-0.27	-4.44
6,998.00	7.74	259.19	6,984.66	111.81	-19.95	112.04	0.92	-0.56	-5.22
7,093.00	6.77	257.07	7,078.90	109.35	-31.69	109.73	1.06	-1.02	-2.23
7,187.00	6.77	256.89	7,172.24	106.86	-42.49	107.36	0.02	0.00	-0.19
7,282.00	6.24	258.82	7,266.63	104.59	-53.01	105.22	0.60	-0.56	2.03
7,376.00	5.54	258.30	7,360.13	102.67	-62.46	103.42	0.75	-0.74	-0.55
7,471.00	4.40	257.59	7,454.78	100.96	-70.51	101.80	1.20	-1.20	-0.75
7,566.00	2.90	248.63	7,549.58	99.30	-76.31	100.21	1.68	-1.58	-9.43
7,660.00	1.76	223.49	7,643.50	97.39	-79.52	98.34	1.60	-1.21	-26.74
7,755.00	1.41	214.53	7,738.47	95.37	-81.19	96.34	0.45	-0.37	-9.43
7,850.00	0.70	233.51	7,833.45	94.06	-82.31	95.04	0.82	-0.75	19.98
7,944.00	0.88	240.19	7,927.44	93.36	-83.40	94.36	0.21	0.19	7.11
8,038.00	0.97	221.21	8,021.43	92.40	-84.55	93.41	0.34	0.10	-20.19
8,133.00	1.32	217.34	8,116.41	90.93	-85.75	91.95	0.38	0.37	-4.07
8,227.00	1.58	213.65	8,210.38	88.99	-87.12	90.03	0.29	0.28	-3.93
8,322.00	1.23	215.41	8,305.35	87.07	-88.44	88.12	0.37	-0.37	1.85
8,416.00	0.97	223.49	8,399.34	85.67	-89.57	86.74	0.32	-0.28	8.60
8,448.00	0.88	263.04	8,431.33	85.44	-90.00	86.52	1.97	-0.28	123.59
8,481.00	1.14	307.34	8,464.33	85.61	-90.51	86.69	2.42	0.79	134.24
8,513.00	2.64	347.59	8,496.31	86.52	-90.92	87.61	5.99	4.69	125.78
8,544.00	5.72	359.02	8,527.22	88.76	-91.10	89.85	10.24	9.94	36.87
8,576.00	9.50	359.90	8,558.94	93.00	-91.14	94.09	11.82	11.81	2.75
8,608.00	13.01	357.79	8,590.32	99.24	-91.28	100.33	11.04	10.97	-6.59
8,639.00	16.71	355.33	8,620.27	107.17	-91.78	108.27	12.11	11.94	-7.94
8,671.00	20.58	354.63	8,650.59	117.36	-92.68	118.47	12.11	12.09	-2.19
8,703.00	23.98	354.98	8,680.20	129.44	-93.77	130.56	10.63	10.63	1.09

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8,734.00	27.79	354.27	8,708.08	142.91	-95.05	144.05	12.33	12.29	-2.29
8,765.00	31.13	352.87	8,735.07	158.06	-96.76	159.21	11.00	10.77	-4.52
8,797.00	34.38	352.34	8,761.98	175.23	-99.00	176.41	10.20	10.16	-1.66
8,829.00	37.90	351.81	8,787.82	193.92	-101.60	195.13	11.04	11.00	-1.66
8,860.00	41.86	351.29	8,811.60	213.57	-104.53	214.82	12.82	12.77	-1.68
8,892.00	45.46	350.58	8,834.75	235.38	-108.01	236.67	11.35	11.25	-2.22
8,924.00	48.89	349.00	8,856.50	258.48	-112.18	259.81	11.31	10.72	-4.94
8,956.00	52.58	347.07	8,876.75	282.70	-117.32	284.10	12.44	11.53	-6.03
8,987.00	55.93	346.19	8,894.85	307.18	-123.14	308.64	11.05	10.81	-2.84
9,019.00	60.23	345.48	8,911.77	333.51	-129.79	335.04	13.57	13.44	-2.22
9,051.00	62.61	345.66	8,927.08	360.72	-136.80	362.34	7.45	7.44	0.56
9,082.00	64.81	345.84	8,940.81	387.65	-143.64	389.36	7.12	7.10	0.58
9,113.00	68.32	346.19	8,953.13	415.25	-150.51	417.03	11.37	11.32	1.13
9,144.00	72.28	346.72	8,963.58	443.62	-157.34	445.48	12.88	12.77	1.71
9,176.00	74.92	347.07	8,972.62	473.51	-164.30	475.46	8.32	8.25	1.09
9,207.00	77.12	346.54	8,980.10	502.80	-171.17	504.83	7.29	7.10	-1.71
9,234.00	75.62	345.84	8,986.47	528.28	-177.43	530.38	6.10	-5.56	-2.59
9,265.00	77.03	346.36	8,993.80	557.52	-184.66	559.70	4.83	4.55	1.68
9,296.00	77.65	346.89	9,000.59	586.94	-191.66	589.21	2.60	2.00	1.71
9,328.00	79.84	347.07	9,006.84	617.52	-198.73	619.87	6.87	6.84	0.56
9,360.00	82.39	347.77	9,011.78	648.38	-205.62	650.80	8.26	7.97	2.19
9,391.00	83.45	347.59	9,015.60	678.43	-212.18	680.94	3.47	3.42	-0.58
9,423.00	85.03	347.77	9,018.81	709.53	-218.97	712.12	4.97	4.94	0.56
9,454.00	86.17	347.77	9,021.19	739.74	-225.52	742.40	3.68	3.68	0.00
9,485.00	87.76	348.12	9,022.83	770.01	-231.98	772.75	5.25	5.13	1.13
9,517.00	89.43	348.12	9,023.61	801.32	-238.57	804.13	5.22	5.22	0.00
9,577.00	90.57	348.21	9,023.61	860.04	-250.88	863.00	1.91	1.90	0.15
9,671.00	90.92	347.50	9,022.39	951.93	-270.65	955.12	0.84	0.37	-0.76
9,766.00	91.98	347.68	9,019.99	1,044.68	-291.06	1,048.11	1.13	1.12	0.19
9,860.00	91.89	350.32	9,016.81	1,136.89	-308.98	1,140.53	2.81	-0.10	2.81
9,954.00	91.19	350.14	9,014.29	1,229.49	-324.93	1,233.32	0.77	-0.74	-0.19
10,049.00	91.01	347.33	9,012.46	1,322.64	-343.48	1,326.68	2.96	-0.19	-2.96
10,238.00	89.87	350.32	9,011.01	1,508.02	-380.10	1,512.49	1.69	-0.60	1.58
10,332.00	89.08	352.43	9,011.87	1,600.95	-394.20	1,605.58	2.40	-0.84	2.24
10,427.00	89.43	353.13	9,013.11	1,695.19	-406.14	1,699.96	0.82	0.37	0.74
10,522.00	90.04	354.36	9,013.55	1,789.62	-416.49	1,794.51	1.45	0.64	1.29
10,616.00	91.10	354.89	9,012.61	1,883.20	-425.29	1,888.18	1.26	1.13	0.56
10,711.00	91.28	357.35	9,010.64	1,977.95	-431.72	1,983.01	2.60	0.19	2.59
10,805.00	91.28	358.75	9,008.54	2,071.87	-434.92	2,076.96	1.49	0.00	1.49
10,900.00	89.69	356.29	9,007.73	2,166.77	-439.03	2,171.90	3.08	-1.67	-2.59
10,994.00	88.81	356.82	9,008.97	2,260.59	-444.68	2,265.78	1.09	-0.94	0.56
11,089.00	88.02	358.05	9,011.59	2,355.46	-448.93	2,360.69	1.54	-0.83	1.29
11,184.00	88.72	357.88	9,014.30	2,450.36	-452.30	2,455.63	0.76	0.74	-0.18

Leam Drilling Systems LLC

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well 8H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3704.3' GL + 25' RKB @ 3729.30usft
Site:	Taipan 10 State Com	MD Reference:	3704.3' GL + 25' RKB @ 3729.30usft
Well:	8H	North Reference:	Grid
Wellbore:	ST	Survey Calculation Method:	Minimum Curvature
Design:	ST	Database:	EDM 5000.1 Multi_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)
11,278.00	88.72	0.16	9,016.40	2,544.32	-453.91	2,549.60	2.42	0.00	2.43
11,373.00	88.90	359.63	9,018.37	2,639.29	-454.08	2,644.57	0.59	0.19	-0.56
11,468.00	90.48	1.21	9,018.88	2,734.28	-453.38	2,739.55	2.35	1.66	1.66
11,562.00	91.10	0.86	9,017.59	2,828.26	-451.69	2,833.49	0.76	0.66	-0.37
11,656.00	91.63	359.98	9,015.35	2,922.23	-451.00	2,927.45	1.09	0.56	-0.94
11,751.00	92.24	2.27	9,012.14	3,017.15	-449.13	3,022.34	2.49	0.64	2.41
11,846.00	91.19	1.74	9,009.30	3,112.05	-445.81	3,117.19	1.24	-1.11	-0.56
11,940.00	91.98	2.80	9,006.70	3,205.94	-442.09	3,211.03	1.41	0.84	1.13
12,035.00	91.19	2.45	9,004.07	3,300.80	-437.74	3,305.83	0.91	-0.83	-0.37
12,130.00	91.36	1.74	9,001.95	3,395.71	-434.27	3,400.70	0.77	0.18	-0.75
12,225.00	91.98	2.09	8,999.19	3,490.62	-431.09	3,495.56	0.75	0.65	0.37
12,320.00	90.13	1.21	8,997.44	3,585.56	-428.36	3,590.46	2.16	-1.95	-0.93
12,415.00	90.04	0.34	8,997.30	3,680.55	-427.08	3,685.42	0.92	-0.09	-0.92
12,510.00	91.54	1.74	8,995.99	3,775.52	-425.35	3,780.37	2.16	1.58	1.47
12,605.00	91.54	1.04	8,993.43	3,870.45	-423.05	3,875.27	0.74	0.00	-0.74
12,700.00	91.36	0.34	8,991.03	3,965.42	-421.90	3,970.21	0.76	-0.19	-0.74
12,794.00	92.68	0.34	8,987.72	4,059.35	-421.35	4,064.13	1.40	1.40	0.00
12,889.00	90.48	358.23	8,985.10	4,154.30	-422.53	4,159.09	3.21	-2.32	-2.22
12,985.00	90.31	358.05	8,984.43	4,250.25	-425.65	4,255.06	0.26	-0.18	-0.19
13,080.00	90.92	358.75	8,983.41	4,345.20	-428.30	4,350.05	0.98	0.64	0.74
13,174.00	90.40	0.34	8,982.33	4,439.19	-429.05	4,444.04	1.78	-0.55	1.69
13,270.00	89.78	359.28	8,982.18	4,535.19	-429.37	4,540.03	1.28	-0.65	-1.10
13,365.00	90.13	359.46	8,982.26	4,630.18	-430.41	4,635.03	0.41	0.37	0.19
13,459.00	90.22	359.11	8,981.97	4,724.17	-431.58	4,729.03	0.38	0.10	-0.37
13,553.00	90.04	359.46	8,981.75	4,818.17	-432.76	4,823.03	0.42	-0.19	0.37
13,647.00	90.92	359.63	8,980.97	4,912.16	-433.50	4,917.02	0.95	0.94	0.18
13,743.00	89.69	0.16	8,980.46	5,008.16	-433.68	5,013.02	1.40	-1.28	0.55
13,837.00	89.43	0.34	8,981.18	5,102.15	-433.27	5,107.00	0.34	-0.28	0.19
13,869.00	89.78	0.51	8,981.40	5,134.15	-433.03	5,138.99	1.22	1.09	0.53
13,923.00	89.78	0.51	8,981.61	5,188.15	-432.55	5,192.98	0.00	0.00	0.00
Projection									