

30-015-42071



November 24, 2014

Devon Energy Production Co, L.P.
Well: Cotton Draw Unit #205H (OH)
County/Parish: Eddy County, NM

LEAM MWD: (OH) from 4,466' MD – 14,991' MD
Projection: 15,055' MD

This Borehole Survey taken between 11/05/14 and 11/15/14 had been conducted and calculated according to the highest professional standards and complies with all known State and Federal requirements.

Reviewed and Approved:

Date: November 24, 2014

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



Survey Certification Form

State of New Mexico

Eddy County

Randy Rakowitz , certify that; I am employed by LEAM Drilling Systems LLC., that I did on the day(s) of November 5, 2014 through November 15, 2014, conduct or supervise the taking of MWD Survey from a depth of 4,466' MD to 15,055' 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 C, L.P. for the Cotton Draw Unit #205H in Eddy 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 Rakowitz', written over a horizontal line.

Randy Rakowitz
Sr. MWD Operations Coordinator

LEAM Drilling Systems LLC

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well 205H
Project:	Eddy County, NM (NAD-83)	TVD Reference:	GE 3507' + KB 28' @ 3535.00usft (Cactus 105)
Site:	Cotton Draw Unit	MD Reference:	GE 3507' + KB 28' @ 3535.00usft (Cactus 105)
Well:	205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Multi User.DB

Project	Eddy 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	Cotton Draw Unit		
Site Position:		Northing:	419,194.51 usft
From:	Map	Easting:	722,955.98 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 3.901 N
		Longitude:	103° 44' 47.345 W
		Grid Convergence:	0.31 °

Well	205H		
Well Position	+N/-S	0.00 usft	Northing: 430,259.98 usft
	+E/-W	0.00 usft	Easting: 723,440.41 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 10' 53.374 N
		Longitude:	103° 44' 41.007 W
		Ground Level:	3,510.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	6/25/2013	(°)
			7.41
			(°)
			60.07
			(nT)
			48,368

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
		Direction	(°)
			356.11

Survey Program	Date 11/24/2014		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
100.00	4,296.00	Survey #1 (OH)	VES GyroFlex V2
4,466.00	14,991.00	Survey #2 (OH)	LEAM MWD+HDGM
15,055.00	15,055.00	Survey #3 (OH)	Project
			Description
			MWD+HDGM
			Projection

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.76	290.53	100.00	0.23	-0.62	0.27	0.76	0.76	0.00
200.00	0.95	308.06	199.99	0.98	-1.89	1.10	0.32	0.19	17.53
300.00	0.96	309.52	299.97	2.02	-3.19	2.23	0.03	0.01	1.46
400.00	0.90	316.97	399.96	3.13	-4.38	3.42	0.13	-0.06	7.45
500.00	0.73	317.34	499.95	4.17	-5.34	4.52	0.17	-0.17	0.37
600.00	0.35	215.23	599.95	4.39	-5.95	4.78	0.87	-0.38	-102.11
700.00	0.10	310.60	699.95	4.20	-6.19	4.61	0.37	-0.25	95.37
800.00	0.11	332.21	799.95	4.34	-6.30	4.76	0.04	0.01	21.61

LEAM Drilling Systems LLC

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Site:	Cotton Draw Unit	MD Reference:	GE 3507' + KB 28' @ 3535.00usft (Cactus 105)
Well:	205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
900.00	0.16	83.63	899.94	4.44	-6.21	4.85	0.22	0.05	111.42
1,000.00	0.24	315.68	999.94	4.60	-6.22	5.02	0.36	0.08	-127.95
1,100.00	0.30	298.52	1,099.94	4.88	-6.59	5.31	0.10	0.06	-17.16
1,200.00	0.44	335.11	1,199.94	5.35	-6.99	5.81	0.27	0.14	36.59
1,300.00	0.52	291.13	1,299.94	5.86	-7.57	6.36	0.37	0.08	-43.98
1,400.00	0.68	304.53	1,399.93	6.36	-8.48	6.92	0.21	0.16	13.40
1,500.00	0.52	8.81	1,499.93	7.15	-8.90	7.74	0.65	-0.16	64.28
1,600.00	0.50	10.93	1,599.92	8.03	-8.75	8.60	0.03	-0.02	2.12
1,700.00	0.46	14.06	1,699.92	8.84	-8.57	9.40	0.05	-0.04	3.13
1,800.00	0.36	25.40	1,799.92	9.52	-8.34	10.06	0.13	-0.10	11.34
1,900.00	0.18	264.49	1,899.92	9.79	-8.36	10.33	0.48	-0.18	-120.91
2,000.00	0.24	298.64	1,999.92	9.87	-8.70	10.44	0.14	0.06	34.15
2,100.00	0.14	297.36	2,099.92	10.03	-8.99	10.61	0.10	-0.10	-1.28
2,200.00	0.19	326.08	2,199.92	10.22	-9.19	10.82	0.10	0.05	28.72
2,300.00	0.25	313.66	2,299.92	10.51	-9.44	11.13	0.08	0.06	-12.42
2,400.00	0.12	223.07	2,399.91	10.58	-9.67	11.21	0.28	-0.13	-90.59
2,500.00	0.26	271.33	2,499.91	10.51	-9.97	11.16	0.20	0.14	48.26
2,600.00	0.23	42.11	2,599.91	10.67	-10.06	11.32	0.45	-0.03	130.78
2,700.00	0.33	217.67	2,699.91	10.59	-10.10	11.25	0.56	0.10	175.56
2,800.00	0.39	212.86	2,799.91	10.07	-10.47	10.76	0.07	0.06	-4.81
2,900.00	0.45	209.41	2,899.91	9.45	-10.84	10.16	0.07	0.06	-3.45
3,000.00	0.46	181.08	2,999.91	8.70	-11.04	9.43	0.22	0.01	-28.33
3,100.00	0.74	183.89	3,099.90	7.66	-11.09	8.39	0.28	0.28	2.81
3,200.00	0.40	205.42	3,199.90	6.70	-11.29	7.45	0.40	-0.34	21.53
3,300.00	0.26	93.97	3,299.89	6.37	-11.21	7.11	0.55	-0.14	-111.45
3,400.00	0.15	46.16	3,399.89	6.44	-10.89	7.16	0.19	-0.11	-47.81
3,500.00	0.14	80.32	3,499.89	6.55	-10.68	7.26	0.09	-0.01	34.16
3,600.00	0.46	102.38	3,599.89	6.49	-10.16	7.16	0.33	0.32	22.06
3,700.00	0.51	138.82	3,699.89	6.07	-9.48	6.69	0.31	0.05	36.44
3,800.00	0.61	110.26	3,799.88	5.55	-8.69	6.12	0.29	0.10	-28.56
3,900.00	0.78	117.01	3,899.88	5.05	-7.58	5.56	0.19	0.17	6.75
4,000.00	1.08	122.68	3,999.86	4.23	-6.18	4.64	0.31	0.30	5.67
4,100.00	1.43	135.12	4,099.84	2.84	-4.51	3.14	0.44	0.35	12.44
4,200.00	1.56	124.49	4,199.81	1.19	-2.50	1.35	0.31	0.13	-10.63
4,296.00	1.67	132.56	4,295.77	-0.50	-0.40	-0.47	0.26	0.11	8.41
4,466.00	1.10	137.30	4,465.72	-3.37	2.53	-3.54	0.34	-0.34	2.79
4,561.00	0.60	126.80	4,560.71	-4.34	3.55	-4.57	0.55	-0.53	-11.05
4,655.00	0.60	129.80	4,654.70	-4.95	4.32	-5.23	0.03	0.00	3.19
4,750.00	0.60	143.50	4,749.70	-5.67	5.00	-6.00	0.15	0.00	14.42
4,844.00	0.60	141.20	4,843.69	-6.45	5.60	-6.81	0.03	0.00	-2.45
4,939.00	0.60	130.30	4,938.69	-7.16	6.29	-7.57	0.12	0.00	-11.47
5,033.00	0.60	127.20	5,032.68	-7.78	7.06	-8.24	0.03	0.00	-3.30
5,128.00	0.60	129.40	5,127.68	-8.39	7.84	-8.90	0.02	0.00	2.32

LEAM Drilling Systems LLC

Survey Report

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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
5,223.00	0.60	122.60	5,222.67	-8.98	8.64	-9.54	0.07	0.00	-7.16
5,317.00	0.70	128.40	5,316.66	-9.60	9.51	-10.22	0.13	0.11	6.17
5,412.00	0.60	127.00	5,411.66	-10.26	10.36	-10.94	0.11	-0.11	-1.47
5,506.00	0.60	131.00	5,505.65	-10.88	11.13	-11.61	0.04	0.00	4.26
5,601.00	0.70	186.60	5,600.65	-11.78	11.43	-12.53	0.64	0.11	58.53
5,696.00	0.90	196.90	5,695.64	-13.07	11.15	-13.80	0.26	0.21	10.84
5,790.00	0.90	207.10	5,789.63	-14.43	10.60	-15.12	0.17	0.00	10.85
5,885.00	0.90	213.30	5,884.62	-15.72	9.85	-16.35	0.10	0.00	6.53
5,980.00	0.90	214.00	5,979.60	-16.96	9.02	-17.54	0.01	0.00	0.74
6,074.00	0.90	225.10	6,073.59	-18.10	8.09	-18.60	0.19	0.00	11.81
6,169.00	1.60	257.10	6,168.57	-18.92	6.27	-19.30	1.01	0.74	33.68
6,264.00	1.80	259.50	6,263.53	-19.49	3.51	-19.68	0.22	0.21	2.53
6,358.00	1.90	256.40	6,357.48	-20.12	0.54	-20.11	0.15	0.11	-3.30
6,452.00	2.70	252.50	6,451.40	-21.15	-3.09	-20.90	0.87	0.85	-4.15
6,547.00	3.40	254.80	6,546.27	-22.57	-7.94	-21.97	0.75	0.74	2.42
6,642.00	3.40	256.20	6,641.10	-23.98	-13.39	-23.01	0.09	0.00	1.47
6,736.00	3.40	249.90	6,734.94	-25.60	-18.72	-24.27	0.40	0.00	-6.70
6,831.00	4.30	244.80	6,829.72	-28.08	-24.59	-26.35	1.01	0.95	-5.37
6,926.00	5.10	245.60	6,924.40	-31.34	-31.65	-29.12	0.84	0.84	0.84
7,020.00	5.20	247.90	7,018.02	-34.67	-39.40	-31.92	0.24	0.11	2.45
7,115.00	5.00	247.70	7,112.64	-37.86	-47.22	-34.57	0.21	-0.21	-0.21
7,210.00	6.00	246.90	7,207.21	-41.38	-55.62	-37.51	1.06	1.05	-0.84
7,303.00	6.20	246.00	7,299.68	-45.33	-64.68	-40.84	0.24	0.22	-0.97
7,398.00	6.10	246.30	7,394.13	-49.45	-73.99	-44.31	0.11	-0.11	0.32
7,493.00	6.20	245.80	7,488.59	-53.58	-83.29	-47.81	0.12	0.11	-0.53
7,587.00	6.00	245.10	7,582.05	-57.73	-92.38	-51.33	0.23	-0.21	-0.74
7,682.00	6.00	245.80	7,676.53	-61.85	-101.41	-54.83	0.08	0.00	0.74
7,776.00	6.00	244.80	7,770.02	-65.96	-110.33	-58.32	0.11	0.00	-1.06
7,871.00	5.60	244.40	7,864.53	-70.08	-119.01	-61.84	0.42	-0.42	-0.42
7,965.00	5.30	243.20	7,958.11	-74.02	-127.02	-65.23	0.34	-0.32	-1.28
8,060.00	5.00	241.60	8,052.72	-77.96	-134.58	-68.65	0.35	-0.32	-1.68
8,155.00	5.00	241.80	8,147.36	-81.89	-141.87	-72.08	0.02	0.00	0.21
8,249.00	5.70	246.20	8,240.95	-85.71	-149.75	-75.35	0.86	0.74	4.68
8,344.00	5.50	246.50	8,335.50	-89.43	-158.24	-78.49	0.21	-0.21	0.32
8,439.00	5.30	248.10	8,430.08	-92.88	-166.49	-81.37	0.26	-0.21	1.68
8,533.00	5.20	245.10	8,523.68	-96.29	-174.38	-84.24	0.31	-0.11	-3.19
8,628.00	5.20	242.30	8,618.29	-100.11	-182.09	-87.52	0.27	0.00	-2.95
8,723.00	4.90	254.20	8,712.93	-103.21	-189.81	-90.10	1.14	-0.32	12.53
8,817.00	4.30	259.20	8,806.62	-104.97	-197.13	-91.35	0.77	-0.64	5.32
8,912.00	3.60	260.60	8,901.40	-106.12	-203.58	-92.06	0.74	-0.74	1.47
9,006.00	4.00	264.10	8,995.19	-106.94	-209.75	-92.46	0.49	0.43	3.72
9,101.00	3.10	260.90	9,090.01	-107.69	-215.58	-92.81	0.97	-0.95	-3.37
9,196.00	2.60	249.00	9,184.89	-108.86	-220.13	-93.68	0.81	-0.53	-12.53

LEAM Drilling Systems LLC

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Well:	205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)
9,290.00	2.30	250.00	9,278.80	-110.27	-223.89	-94.83	0.32	-0.32	1.06
9,385.00	1.00	251.40	9,373.76	-111.19	-226.47	-95.57	1.37	-1.37	1.47
9,480.00	0.80	253.90	9,468.75	-111.64	-227.89	-95.92	0.21	-0.21	2.63
9,575.00	0.70	254.80	9,563.74	-111.97	-229.09	-96.17	0.11	-0.11	0.95
9,661.00	0.80	245.50	9,649.74	-112.36	-230.14	-96.49	0.18	0.12	-10.81
9,691.00	1.10	239.80	9,679.73	-112.59	-230.58	-96.69	1.05	1.00	-19.00
9,724.00	1.10	217.90	9,712.72	-113.00	-231.05	-97.07	1.27	0.00	-66.36
9,755.00	1.20	289.20	9,743.72	-113.13	-231.54	-97.16	4.33	0.32	230.00
9,787.00	3.80	337.60	9,775.69	-112.04	-232.26	-96.02	9.79	8.13	151.25
9,818.00	7.00	346.90	9,806.55	-109.25	-233.08	-93.18	10.67	10.32	30.00
9,850.00	10.20	351.30	9,838.18	-104.55	-233.95	-88.44	10.20	10.00	13.75
9,881.00	13.50	356.60	9,868.52	-98.22	-234.58	-82.08	11.20	10.65	17.10
9,912.00	16.70	0.40	9,898.45	-90.15	-234.76	-74.02	10.80	10.32	12.26
9,944.00	19.20	1.30	9,928.89	-80.29	-234.61	-64.19	7.86	7.81	2.81
9,976.00	20.60	359.70	9,958.98	-69.40	-234.52	-53.33	4.69	4.38	-5.00
10,007.00	22.00	358.00	9,987.86	-58.14	-234.75	-42.08	4.94	4.52	-5.48
10,039.00	24.50	357.40	10,017.26	-45.52	-235.26	-29.46	7.85	7.81	-1.88
10,070.00	27.80	356.00	10,045.08	-31.89	-236.06	-15.80	10.83	10.65	-4.52
10,102.00	31.00	355.70	10,072.96	-16.22	-237.20	-0.09	10.01	10.00	-0.94
10,133.00	32.90	356.20	10,099.26	0.14	-238.36	16.31	6.19	6.13	1.61
10,165.00	34.90	355.70	10,125.82	17.94	-239.62	34.16	6.31	6.25	-1.56
10,196.00	36.90	354.10	10,150.93	36.05	-241.24	52.33	7.13	6.45	-5.16
10,228.00	39.00	352.50	10,176.16	55.59	-243.54	71.98	7.25	6.56	-5.00
10,259.00	40.80	351.10	10,199.94	75.27	-246.38	91.81	6.49	5.81	-4.52
10,291.00	43.30	350.90	10,223.70	96.43	-249.74	113.15	7.82	7.81	-0.63
10,322.00	46.30	352.30	10,245.70	118.04	-252.92	134.93	10.19	9.68	4.52
10,354.00	48.50	352.70	10,267.36	141.39	-255.99	158.43	6.94	6.88	1.25
10,385.00	51.90	353.00	10,287.20	165.02	-258.95	182.21	10.99	10.97	0.97
10,417.00	54.50	353.70	10,306.36	190.47	-261.92	207.80	8.31	8.13	2.19
10,448.00	57.00	354.60	10,323.81	215.96	-264.53	233.41	8.41	8.06	2.90
10,480.00	60.10	355.30	10,340.50	243.15	-266.93	260.70	9.87	9.69	2.19
10,511.00	63.10	356.20	10,355.25	270.34	-268.94	287.96	10.01	9.68	2.90
10,543.00	66.50	356.40	10,368.87	299.23	-270.81	316.91	10.64	10.63	0.63
10,574.00	69.70	356.60	10,380.43	327.93	-272.57	345.67	10.34	10.32	0.65
10,606.00	73.20	356.40	10,390.61	358.21	-274.42	376.00	10.95	10.94	-0.63
10,637.00	76.90	356.40	10,398.61	388.10	-276.30	405.95	11.94	11.94	0.00
10,669.00	81.00	356.00	10,404.74	419.43	-278.38	437.35	12.87	12.81	-1.25
10,700.00	84.20	355.10	10,408.73	450.07	-280.77	468.08	10.72	10.32	-2.90
10,732.00	86.30	354.60	10,411.38	481.83	-283.63	499.96	6.74	6.56	-1.56
10,827.00	87.90	355.30	10,416.19	576.34	-291.98	594.82	1.84	1.68	0.74
10,921.00	88.70	355.90	10,418.97	670.02	-299.19	688.77	1.06	0.85	0.64
11,016.00	90.00	356.90	10,420.05	764.82	-305.15	783.76	1.73	1.37	1.05
11,111.00	91.30	357.80	10,418.97	859.71	-309.55	878.73	1.66	1.37	0.95
11,205.00	91.00	356.90	10,417.09	953.59	-313.89	972.69	1.01	-0.32	-0.96

LEAM Drilling Systems LLC

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well 205H
Project:	Eddy County, NM (NAD-83)	TVD Reference:	GE 3507' + KB 28' @ 3535.00usft (Cactus 105)
Site:	Cotton Draw Unit	MD Reference:	GE 3507' + KB 28' @ 3535.00usft (Cactus 105)
Well:	205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)	
11,300.00	90.30	357.10	10,416.01	1,048.45	-318.86	1,067.67	0.77	-0.74	0.21	
11,395.00	90.50	357.40	10,415.35	1,143.34	-323.42	1,162.65	0.38	0.21	0.32	
11,490.00	91.90	357.40	10,413.36	1,238.22	-327.73	1,257.60	1.47	1.47	0.00	
11,584.00	91.30	357.30	10,410.73	1,332.08	-332.07	1,351.54	0.65	-0.64	-0.11	
11,679.00	90.10	357.10	10,409.57	1,426.96	-336.71	1,446.52	1.28	-1.26	-0.21	
11,774.00	90.20	356.00	10,409.32	1,521.79	-342.43	1,541.51	1.16	0.11	-1.16	
11,868.00	91.80	356.00	10,407.68	1,615.54	-348.99	1,635.49	1.70	1.70	0.00	
11,963.00	91.10	355.50	10,405.28	1,710.25	-356.02	1,730.46	0.91	-0.74	-0.53	
12,058.00	88.50	355.90	10,405.61	1,804.97	-363.15	1,825.45	2.77	-2.74	0.42	
12,152.00	91.90	356.40	10,405.28	1,898.75	-369.46	1,919.44	3.66	3.62	0.53	
12,247.00	88.60	356.40	10,404.87	1,993.54	-375.42	2,014.42	3.47	-3.47	0.00	
12,342.00	85.40	356.40	10,409.84	2,088.21	-381.38	2,109.28	3.37	-3.37	0.00	
12,436.00	85.10	356.60	10,417.62	2,181.72	-387.10	2,202.95	0.38	-0.32	0.21	
12,531.00	85.30	356.90	10,425.57	2,276.23	-392.46	2,297.61	0.38	0.21	0.32	
12,625.00	85.10	357.40	10,433.44	2,369.78	-397.12	2,391.27	0.57	-0.21	0.53	
12,720.00	85.80	357.80	10,440.97	2,464.40	-401.09	2,485.93	0.85	0.74	0.42	
12,815.00	86.40	358.30	10,447.44	2,559.13	-404.31	2,580.66	0.82	0.63	0.53	
12,910.00	87.40	357.60	10,452.57	2,653.92	-407.70	2,675.47	1.28	1.05	-0.74	
13,004.00	88.90	357.60	10,455.61	2,747.79	-411.64	2,769.39	1.60	1.60	0.00	
13,099.00	91.50	359.90	10,455.28	2,842.75	-413.71	2,864.27	3.65	2.74	2.42	
13,193.00	90.70	359.50	10,453.47	2,936.73	-414.20	2,958.07	0.95	-0.85	-0.43	
13,288.00	90.20	358.30	10,452.73	3,031.71	-416.03	3,052.95	1.37	-0.53	-1.26	
13,383.00	89.80	357.10	10,452.73	3,126.63	-419.84	3,147.91	1.33	-0.42	-1.26	
13,477.00	90.00	356.40	10,452.89	3,220.48	-425.17	3,241.90	0.77	0.21	-0.74	
13,572.00	89.80	355.50	10,453.06	3,315.24	-431.88	3,336.90	0.97	-0.21	-0.95	
13,666.00	89.30	355.90	10,453.79	3,408.97	-438.93	3,430.90	0.68	-0.53	0.43	
13,761.00	88.90	356.00	10,455.29	3,503.72	-445.63	3,525.88	0.43	-0.42	0.11	
13,856.00	88.80	356.20	10,457.19	3,598.49	-452.09	3,620.87	0.24	-0.11	0.21	
13,951.00	89.30	357.10	10,458.77	3,693.31	-457.64	3,715.85	1.08	0.53	0.95	
14,045.00	89.70	356.90	10,459.59	3,787.18	-462.56	3,809.83	0.48	0.43	-0.21	
14,140.00	91.10	357.60	10,458.92	3,882.06	-467.12	3,904.81	1.65	1.47	0.74	
14,235.00	91.00	357.10	10,457.18	3,976.94	-471.51	3,999.77	0.54	-0.11	-0.53	
14,329.00	89.50	356.40	10,456.77	4,070.79	-476.84	4,093.76	1.76	-1.60	-0.74	
14,424.00	87.10	356.20	10,459.59	4,165.54	-482.97	4,188.71	2.54	-2.53	-0.21	
14,519.00	86.90	356.20	10,464.56	4,260.20	-489.26	4,283.58	0.21	-0.21	0.00	
14,613.00	87.80	356.60	10,468.91	4,353.92	-495.15	4,377.48	1.05	0.96	0.43	
14,707.00	89.40	356.70	10,471.21	4,447.72	-500.64	4,471.44	1.71	1.70	0.11	
14,802.00	89.50	356.90	10,472.12	4,542.57	-505.95	4,566.43	0.24	0.11	0.21	
14,896.00	89.40	357.60	10,473.02	4,636.46	-510.46	4,660.41	0.75	-0.11	0.74	
14,991.00	89.40	357.30	10,474.02	4,731.36	-514.68	4,755.38	0.32	0.00	-0.32	
15,055.00	89.40	357.30	10,474.69	4,795.28	-517.70	4,819.36	0.00	0.00	0.00	
Projection										