Realtime Log

BAKER HUGHES

Natural Formation Evaluation

Scale: 1:240 True Vertical Depth	Company: Anadarko
	Well: Badding 35N-2HZ
	Field: Weld County
	Region: Continental US Country: United States

Status: **Field Report**

API Number: 05-123-38285

Surface Location:
Latitude: 40° 5' 38.141" N
Longitude: 104° 44' 55.676" W
SEC: 35 TWN: 2N RNG: 66E

Other Services:
Directional
VSS

Permanent Datum (P.D.):	Ground Level	Elevation:	5116.00 ft.
Log Measured From:	Rig Floor	13.00 ft.	Above P.D.
Depth Reference:	Driller's Depth		

Elevations:
KB: N/A
DF: 5116.00 ft.
GL: 0.00 ft.

Interval Logged		Dates		Magnetic Field Reference			
Top:	6746.0 ft.	Date From:	29/Dec/13	Dip Angle:	66.61 °	Azi Reference North:	True
Bottom:	15133.0 ft.	Date To:	06/Jan/14	Total		Mag to Reference	
		Spud Date:	29/Dec/13	Field Strength:	52951.0 nT	North Correction:	8.31 °

Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
8.750 in.	1069.0 ft.	7765.0 ft.	9.625 in.	36.00 lb/ft	Surface	1185.0 ft.
6.125 in.	7765.0 ft.	15188.0 ft.	7.000 in.	26.00 lb/ft	Surface	15188.0 ft.

Mud Record			Deviation Record			
Type	From	To	Hole Size	Interval	Inc / Az (Start)	Inc / Az (End)
Water Based	6746.0 ft.	15133.0 ft.	8.750 in.	8387.0 ft.	0.5 ° / 197.8 °	85.3 ° / 180.1 °
			6.125 in.	7413.0 ft.	90.7 ° / 181.3 °	91.0 ° / 178.5 °
					/	/
					/	/
					/	/
					/	/

Acquisition System	Software Version	Other	
Advantage	2.20U4	Rig: / Contractor:	Ensign 145 / Ensign Drilling
PATS	6.4.1.34	Job No:	5994933
		District: / Unit:	RMD / D&E

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Log Run Summary

LWD Run No.	BHA Run No.	Bit Run No.	Bit Size (in.)	Bit Type	Bit Gauge Length (in.)	Assembly Type	Logged Interval Top (ft.)	Logged Interval Bottom (ft.)	Bit Depth Interval From (ft.)	Bit Depth Interval To (ft.)	Date / Time Start	Date / Time End	Circ. Time (hrs.)
1	1	1	8.750	PDC	1.000	Steerable	6746.0	7721.0	1195.0	7775.0	29 Dec 2013 21:11	01 Jan 2014 21:11	64.5
2	2	2	6.125	PDC	3.000	Steerable	7721.0	15133.0	7775.0	15188.0	02 Jan 2014 17:36	06 Jan 2015 17:36	53.9

Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Mike Gurnsey	29 Dec 2013	06 Jan 2014	Donald Delay	31 Dec 2013	06 Jan 2014			
Peter Adebayo	29 Dec 2013	06 Jan 2014	Babatunde Akinsoyinu	29 Dec 2013	06 Jan 2014			
			Jimmy Nguyen	29 Dec 2013	31 Dec 2013			

Mud Properties Record

Date / Time	LWD Run No.	Measured Depth (ft.)	Mud Type	Density (ppg)	Viscosity (cp)	pH	Fluid Loss (cc/30min)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
01/Jan/2014 04:38	1	7775.0	Water Based	9.4	40	8.0	N/A	1/93	Active Mud Pit	800	0.0
04/Jan/2014 07:24	2	11836.0	Water Based	9.9	40	8.5	N/A	2 / 91	Active Mud Pit	800	0.0
04/Jan/2014 07:25	2	11837.0	Water Based	9.4	40	8.0	N/A	1 / 93	Active Mud Pit	800	0.0
04/Jan/2014 07:26	2	11838.0	Water Based	9.6	45	8.5	N/A	2 / 91	Active Mud Pit	900	0.0
04/Jan/2014 07:27	2	11839.0	Water Based	9.7	40	8.5	N/A	1 / 93	Active Mud Pit	800	0.0

Mnemonics

Curve	Description	Units
ROPA	Rate of Penetration 3.0 ft Avg	ft/hr
TCDX	Downhole Tempurature	deg F
WOBA	Surface Weight on Bit 1.0 ft Avg.	klbf
GRAX	Gamma Ray Apparent 0.5 ft Avg.	API

Equipment and Service Data

LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (ft.)	Max O.D. (in.)	Min I.D. (in.)
1	DIR	11958754	Directional	55.67	6.750	2.875
1	SRIG	10628857	Gamma	52.30	6.750	2.875
2	DIR	12479874	Directional	53.97	4.750	2.625
2	SRIG	12600750	Gamma	50.59	4.750	2.625

Service and Tool Mnemonics

Mnemonic	Name	Description
DIR	Directional	Wellbore directional survey
SRIG	Inclination and Gamma	Probe based gamma ray and inclination module

Comments

Baker Hughes INTEQ run 1 utilized 6 3/4inch NaviGamma services (Gamma, Directional) behind a 8 3/4inch bit and steerable assembly from 1096 to 7775 feet MD (1096 to 7348 feet TVD)

Baker Hughes INTEQ run 1 utilized 4 3/4inch NaviGamma services (Gamma, Directional) behind a 6 1/8inch bit and steerable assembly from 7775 to 15188 feet MD (7348 to 7352 feet TVD)

A sliding indicator is shown on the left side of track 1 as an heavy line. This indicator has been shifted to the Gamma Ray sensor offset to correspond with Gamma Ray sensor offset to correspond with Gamma Ray data acquired while sliding.

Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes INTEQ. Due to lack of control by Baker Hughes INTEQ logging engineers, depth calibrations and measurements could not be independently verified, and the unverified depths as supplied to INTEQ are being used to present logging data.

Remarks

Number	Measured Depth (ft.)	Hole Section (in.)	LWD Run No.	Remark
1	6746	8.750	1	The interval from surface to 6746 feet MD (6705 feet TVD) was not logged since logging service began at the curve kick off point during run 1.
2	15134	6.125	2	The interval from 15134 feet to 15188 feet MD (7354 feet to 7353 feet TVD) GRAX and GRTX was not logged due to Gamma Ray sensor to bit offset upon completing the lateral section.

BAKER HUGHES

Company : Anadarko
Well : Badding 35N-2HZ
Interval : 6690.00 - 7390.00 feet
Created : 06/Jan/2014 2:09:25 AM

Gamma Ray Apparent 0.5 ft Avg GRAX
0
150
API
TVD feet 1:240
Rate of Penetration 3.0 ft Avg ROP_AVG
200
0
ft/hr
Surface Weight On Bit 1.0 ft Avg WOB_AVG
0
100
klbf
Downhole Temperature TCDX
100
200
degF
6700
See Remark 1
6800
6900
GRAX
7000
ROPA
WOBA
TCDX
7100
7200
G5.GRAX
WOBA
TCDX
ROPA
7300
See Remark 2

ADVANTAGE Field Survey Listing

Operator	: Anadarko	Field	: Weld County	API No	: 051233828500
Well	: Badding 35N-2HZ	Rig	: Ensign 145	Job	: 5994933
Wellbore	: Badding 35N-2HZ Orig Hole				

Well Origin

Latitude	40.0939 deg	Longitude	-104.7488 deg
North Reference	True	Drill Depth Zero	NULL
Vertical Datum is	Ground Level	Vertical Datum to DDZ	13.00 ft
Vertical Section North	0.00 ft	Vertical Section East	0.00 ft
Vertical Section Azimuth	179.9400 deg	Vertical Section Depth	0.00ft
Grid Convergence	0.0000 deg	Magnetic Declination	8.3100 deg
Total Correction	8.3100 deg	TVD Calculation Method	Minimal Curvature
D-Raw Calculation	Magcorr1	Local Magnetic Field	52951 nT
Local Magnetic Dip Angle	66.6100 deg	Local Gravity Field	9.801 m/s^2

Tie	MD ft	Incl deg	Azim deg	North ft	East ft	TVD ft	VS ft	Incr VS ft	Crs Len ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft
	0.00	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00				
U	1093.00	0.5300	197.7700	-4.49	-4.20	1092.97	4.49	4.81	1093.00	0.05	0.05	-14.84
	1226.00	0.5900	219.5900	-5.60	-4.82	1225.96	5.60	6.09	133.00	0.17	0.05	16.41
	1257.00	0.6800	226.1400	-5.85	-5.06	1256.96	5.85	6.43	31.00	0.37	0.29	21.13
	1350.00	1.2500	337.5900	-5.30	-5.84	1349.95	5.29	7.39	93.00	1.75	0.61	119.84
	1444.00	2.8400	358.4200	-2.02	-6.30	1443.89	2.02	10.70	94.00	1.84	1.69	22.16
	1537.00	4.3200	1.4400	3.78	-6.27	1536.71	-3.79	16.51	93.00	1.60	1.59	3.25
	1631.00	6.1300	8.5600	12.29	-5.44	1630.31	-12.29	25.05	94.00	2.04	1.93	7.57
	1725.00	7.9400	11.4400	23.61	-3.40	1723.60	-23.62	36.56	94.00	1.96	1.93	3.06
	1818.00	8.4500	13.8800	36.54	-0.49	1815.65	-36.54	49.81	93.00	0.66	0.55	2.62
	1912.00	10.1000	20.3200	50.98	4.03	1908.42	-50.97	64.94	94.00	2.07	1.76	6.85
	2005.00	11.1700	16.9300	67.24	9.49	1999.83	-67.23	82.09	93.00	1.33	1.15	-3.65
	2099.00	11.0300	16.7000	84.57	14.72	2092.07	-84.55	100.19	94.00	0.16	-0.15	-0.24
	2192.00	11.4600	11.8700	102.13	19.18	2183.28	-102.11	118.31	93.00	1.11	0.46	-5.19
	2285.00	11.4900	10.8700	120.27	22.82	2274.43	-120.24	136.81	93.00	0.22	0.03	-1.08
	2379.00	11.1400	8.4500	138.44	25.92	2366.60	-138.42	155.25	94.00	0.63	-0.37	-2.57
	2472.00	11.0700	7.5200	156.18	28.41	2457.86	-156.15	173.16	93.00	0.21	-0.08	-1.00
	2566.00	10.4100	4.8700	173.59	30.32	2550.21	-173.56	190.67	94.00	0.88	-0.70	-2.82
	2659.00	10.4900	4.8000	190.40	31.74	2641.67	-190.37	207.54	93.00	0.09	0.09	-0.08
	2753.00	10.2100	3.5900	207.24	32.97	2734.14	-207.21	224.43	94.00	0.38	-0.30	-1.29
	2846.00	9.8200	4.0400	223.38	34.05	2825.72	-223.34	240.60	93.00	0.43	-0.42	0.48
	2939.00	9.5400	5.7300	238.96	35.38	2917.40	-238.92	256.24	93.00	0.43	-0.30	1.82
	3119.00	8.7100	5.6100	267.36	38.20	3095.12	-267.32	284.78	180.00	0.46	-0.46	-0.07
	3299.00	9.1200	2.7200	295.18	40.21	3272.94	-295.13	312.67	180.00	0.34	0.23	-1.61
	3480.00	8.4100	3.6700	322.71	41.74	3451.83	-322.67	340.25	181.00	0.40	-0.39	0.52
	3660.00	8.3300	2.2800	348.88	43.10	3629.91	-348.83	366.45	180.00	0.12	-0.04	-0.77
	3750.00	8.9400	4.4500	362.36	43.90	3718.89	-362.32	379.96	90.00	0.77	0.68	2.41
	3840.00	8.4300	2.1800	375.93	44.69	3807.86	-375.88	393.55	90.00	0.68	-0.57	-2.52
	4020.00	7.9100	1.8800	401.49	45.60	3986.03	-401.44	419.13	180.00	0.29	-0.29	-0.17
	4200.00	6.6600	0.7000	424.31	46.14	4164.58	-424.26	441.95	180.00	0.70	-0.69	-0.66
	4380.00	5.9900	358.4000	444.14	46.00	4343.48	-444.09	461.78	180.00	0.40	-0.37	-1.28
	4560.00	5.6800	0.0000	462.43	45.74	4522.55	-462.38	480.07	180.00	0.19	-0.17	0.89
	4740.00	5.2800	358.2000	479.62	45.48	4701.72	-479.57	497.26	180.00	0.24	-0.22	-1.00
	4920.00	5.3300	356.2400	496.24	44.67	4880.95	-496.19	513.90	180.00	0.10	0.03	-1.09
	5010.00	4.4400	5.5600	503.88	44.73	4970.63	-503.83	521.54	90.00	1.32	-0.99	10.36
	5100.00	3.1700	5.5800	509.82	45.31	5060.43	-509.77	527.51	90.00	1.41	-1.41	0.02
	5190.00	2.7400	22.0000	514.29	46.36	5150.31	-514.24	532.11	90.00	1.05	-0.48	18.24
	5281.00	2.0000	46.1200	517.41	48.32	5241.23	-517.36	535.79	91.00	1.35	-0.81	26.51
	5371.00	0.8200	34.9200	519.03	49.82	5331.20	-518.97	537.99	90.00	1.34	-1.31	-12.44
	5461.00	1.7100	133.2800	518.63	51.17	5421.19	-518.58	539.40	90.00	2.22	0.99	109.29
	5641.00	1.4900	134.8000	515.14	54.78	5601.12	-515.08	544.42	180.00	0.12	-0.12	0.84
	6000.00	0.9800	107.9300	510.91	61.02	5960.04	-510.84	551.96	359.00	0.21	-0.14	-7.48
	6360.00	1.7400	110.8400	508.02	69.05	6319.93	-507.94	560.50	360.00	0.21	0.21	0.81
	6739.00	0.4100	86.3000	506.06	75.78	6698.86	-505.98	567.51	379.00	0.36	-0.35	-6.47
	6810.00	0.9100	184.3200	505.51	76.00	6769.85	-505.43	568.09	71.00	1.48	0.70	138.06
	6855.00	5.5500	180.9800	502.98	75.93	6814.77	-502.90	570.63	45.00	10.32	10.31	-7.42
	6900.00	10.5500	181.2200	496.68	75.81	6859.31	-496.60	576.93	45.00	11.11	11.11	0.53
	6945.00	15.3600	181.3300	486.60	75.58	6903.15	-486.52	587.01	45.00	10.69	10.69	0.24
	6990.00	20.8300	178.1000	472.63	75.71	6945.91	-472.55	600.98	45.00	12.35	12.16	-7.18
	7035.00	26.2300	177.3900	454.69	76.43	6987.16	-454.61	618.94	45.00	12.02	12.00	-1.58
	7080.00	30.9300	177.3600	433.19	77.41	7026.66	-433.11	640.46	45.00	10.44	10.44	-0.07
	7125.00	34.6100	177.8700	408.86	78.42	7064.49	-408.77	664.81	45.00	8.20	8.18	1.13
	7170.00	39.4800	179.9000	381.76	78.92	7100.40	-381.68	691.91	45.00	11.16	10.82	4.51
	7215.00	43.9700	180.9600	351.82	78.68	7133.98	-351.74	721.85	45.00	10.10	9.98	2.36
	7260.00	48.7800	181.6200	319.27	77.94	7165.02	-319.18	754.42	45.00	10.74	10.69	1.47
	7306.00	52.2500	181.2100	283.78	77.07	7194.26	-283.70	789.91	46.00	7.57	7.54	-0.89
	7351.00	55.3400	180.1300	247.48	76.65	7220.84	-247.40	826.22	45.00	7.13	6.87	-2.40
	7396.00	58.9500	178.8900	209.68	76.98	7245.25	-209.60	864.01	45.00	8.35	8.02	-2.76
	7441.00	61.1000	179.4900	170.71	77.53	7267.73	-170.63	902.99	45.00	4.92	4.78	1.33
	7486.00	63.8400	177.5800	130.82	78.56	7288.53	-130.74	942.89	45.00	7.16	6.09	-4.24
	7531.00	69.0200	178.0600	89.62	80.12	7306.52	-89.54	984.12	45.00	11.55	11.51	1.07
	7576.00	74.2300	178.3200	46.95	81.47	7320.70	-46.87	1026.81	45.00	11.59	11.58	0.58
	7621.00	77.3900	178.9500	3.34	82.51	7331.73	-3.26	1070.43	45.00	7.15	7.02	1.40
	7666.00	80.6700	179.7800	-40.83	83.00	7340.29	40.91	1114.61	45.00	7.51	7.29	1.84
	7718.00	85.2500	180.1400	-92.42	83.03	7346.66	92.51	1166.20	52.00	8.83	8.81	0.69
	7839.00	90.7000	181.2800	-213.29	81.53	7350.94	213.37	1287.08	121.00	4.60	4.50	0.94
	7931.00	89.7200	181.2800	-305.26	79.48	7350.60	305.35	1379.07	92.00	1.07	-1.07	0.00
	8025.00	90.3700	181.4000	-399.24	77.28	7350.53	399.32	1473.07	94.00	0.70	0.69	0.13
	8115.00	90.6400	180.9100	-489.21	75.46	7349.73	489.29	1563.07	90.00	0.62	0.30	-0.54
	8212.00	91.6300	180.8600	-586.18	73.97	7347.81	586.26	1660.05	97.00	1.02	1.02	-0.05
	8305.00	90.9500	179.9400	-679.15	73.32	7345.72	679.23	1753.02	93.00	1.23	-0.73	-0.99
	8399.00	90.4200	180.1000	-773.15	73.29	7344.60	773.22	1847.02	94.00	0.59	-0.56	0.17
	8492.00	89.2900	180.2300	-866.15	73.02	7344.83	866.22	1940.02	93.00	1.22	-1.22	0.14
	8585.00	89.5900	179.6600	-959.14	73.11	7345.74	959.22	2033.01	93.00	0.69	0.32	-0.61
	8772.00	90.0600	178.1900	-1146.10	76.61	7346.31	1146.18	2220.00	187.00	0.83	0.25	-0.79
	8865.00	89.5000	179.0200	-1239.07	78.88	7346.67	1239.15	2313.00	93.00	1.08	-0.60	0.89
	8959.00	89.2500	179.5700	-1333.06	80.04	7347.69	1333.14	2407.00	94.00	0.64	-0.27	0.59
	9053.00	89.2500	180.4600	-1427.05	80.01	7348.92	1427.13	2500.99	94.00	0.95	0.00	0.95
	9146.00	88.9200	181.4300	-1520.02	78.48	7350.41	1520.11	2593.97	93.00	1.10	-0.35	1.04
	9333.00	89.5000	181.5000	-1706.94	73.70	7352.99	1707.02	2780.96	187.00	0.31	0.31	0.04
	9520.00	90.2100	180.5900	-1893.91	70.29	7353.46	1893.98	2967.95	187.00	0.62	0.38	-0.49
	9700.00	90.8600	179.9200	-2073.90	69.49	7351.78	2073.97	3147.94	180.00	0.52	0.36	-0.37
	9880.00	90.7700	181.3800	-2253.86	67.44	7349.22	2253.93	3327.92	180.00	0.81	-0.05	0.81
	9970.00	90.4600	181.9100	-2343.82	64.86	7348.25	2343.89	3417.91	90.00	0.68	-0.34	0.59
	10060.00	89.6300	181.8600	-2433.77	61.90	7348.18	2433.83	3507.91	90.00	0.92	-0.92	-0.06
	10150.00	90.5500	181.6200	-2523.73	59.17	7348.04	2523.79	3597.91	90.00	1.06	1.02	-0.27
	10240.00	89.4400	181.0300	-2613.70	57.09	7348.05	2613.76	3687.91	90.00	1.40	-1.23	-0.66
	10330.00	89.5900	180.8100	-2703.69	55.64	7348.81	2703.74	3777.91	90.00	0.30	0.17	-0.24
	10420.00	89.9300	180.2200	-2793.68	54.83	7349.19	2793.74	3867.91	90.00	0.76	0.38	-0.66
	10600.00	89.2000	179.3500	-2973.67	55.51	7350.55	2973.73	4047.90	180.00	0.63	-0.41	-0.48
	10780.00	89.5600	177.7500	-3153.60	60.06	7352.50	3153.66	4227.88	180.00	0.91	0.20	-0.89
	10870.00	90.3000	178.7800	-3243.56	62.79	7352.61	3243.62	4317.88	90.00	1.41	0.82	1.14
	11050.00	89.5600	178.0600	-3423.48	67.75	7352.83	3423.55	4497.88	180.00	0.57	-0.41	-0.40
	11230.00	90.2100	179.5500	-3603.44	71.50	7353.19	3603.51	4677.87	180.00	0.90	0.36	0.83
	11320.00	90.0000	179.2800	-3693.43	72.42	7353.03	3693.51	4767.87	90.00	0.38	-0.23	-0.30
	11500.00	89.5600	177.8000	-3873.37	77.01	7353.72	3873.45	4947.86	180.00	0.86	-0.24	-0.82
	11590.00	89.6300	177.4800	-3963.29	80.71	7354.36	3963.37	5037.86	90.00	0.36	0.08	-0.36
	11680.00	88.3900	178.0100	-4053.20	84.26	7355.91	4053.29	5127.84	90.00	1.50	-1.38	0.59
	11770.00	89.8700	179.2400	-4143.16	86.41	7357.28	4143.25	5217.83	90.00	2.14	1.64	1.37
	11860.00	89.7200	179.6200	-4233.16	87.31	7357.60	4233.25	5307.83	90.00	0.45	-0.17	0.42
	11950.00	89.5000	180.0300	-4323.16	87.58	7358.21	4323.25	5397.83	90.00	0.52	-0.24	0.46
	12040.00	89.1600	180.8400	-4413.15	86.90	7359.26	4413.24	5487.82	90.00	0.98	-0.38	0.90
	12220.00	88.9200	179.7400	-4593.12	85.99	7362.28	4593.20	5667.79	180.00	0.63	-0.13	-0.61
	12310.00	89.1900	180.3300	-4683.10	85.94	7363.77	4683.19	5757.78	90.00	0.72	0.30	0.66
	12400.00	89.7500	180.6800	-4773.10	85.14	7364.60	4773.18	5847.77	90.00	0.73	0.62	0.39
	12490.00	90.3600	180.6600	-4863.09	84.09	7364.51	4863.17	5937.77	90.00	0.68	0.68	-0.02
	12580.00	90.7400	180.9100	-4953.08	82.86	7363.65	4953.16	6027.77	90.00	0.51	0.42	0.28
	12670.00	89.8400	180.0600	-5043.07	82.09	7363.19	5043.15	6117.77	90.00	1.38	-1.00	-0.94
	12760.00	90.7700	179.9800	-5133.07	82.06	7362.71	5133.15	6207.76	90.00	1.04	1.03	-0.09
	12850.00	90.0300	181.1700	-5223.06	81.16	7362.08	5223.14	6297.76	90.00	1.56	-0.82	1.32
	12940.00	88.6700	180.8300	-5313.04	79.59	7363.11	5313.12	6387.75	90.00	1.56	-1.51	-0.38
	13120.00	89.3500	179.9400	-5493.00	78.38	7366.22	5493.08	6567.72	180.00	0.62	0.38	-0.49
	13210.00	89.5600	179.8400	-5583.00	78.55	7367.07	5583.08	6657.72	90.00	0.26	0.23	-0.11
	13390.00	90.3300	180.6900	-5762.99	77.72	7367.24	5763.07	6837.72	180.00	0.64	0.43	0.47
	13570.00	90.5800	180.6200	-5942.98	75.66	7365.81	5943.05	7017.71	180.00	0.14	0.14	-0.04
	13660.00	91.3200	180.1800	-6032.96	75.03	7364.32	6033.04	7107.70	90.00	0.96	0.82	-0.49
	13750.00	90.2400	180.9700	-6122.95	74.13	7363.10	6123.02	7197.69	90.00	1.49	-1.20	0.88
	13930.00	90.1800	180.9600	-6302.92	71.10	7362.44	6302.99	7377.68	180.00	0.03	-0.03	-0.01
	14110.00	90.4000	180.3800	-6482.90	69.00	7361.53	6482.97	7557.68	180.00	0.34	0.12	-0.32
	14290.00	90.7700	179.2900	-6662.89	69.51	7359.69	6662.96	7737.67	180.00	0.64	0.21	-0.61
	14380.00	89.8100	178.6600	-6752.87	71.12	7359.23	6752.94	7827.67	90.00	1.28	-1.07	-0.70
	14560.00	90.1800	179.4100	-6932.85	74.16	7359.25	6932.92	8007.66	180.00	0.46	0.21	0.42
	14740.00	90.1800	179.1800	-7112.83	76.37	7358.68	7112.91	8187.66	180.00	0.13	0.00	-0.13
	14920.00	91.1400	178.7100	-7292.79	79.68	7356.61	7292.87	8367.65	180.00	0.59	0.53	-0.26
	15010.00	90.2100	178.5500	-7382.75	81.84	7355.55	7382.84	8457.64	90.00	1.05	-1.03	-0.18
	15133.00	90.9800	178.5300	-7505.71	84.97	7354.27	7505.79	8580.63	123.00	0.63	0.63	-0.02
Projection to TD:												
	15188.00	91.3265	178.5300	-7560.68	86.38	7353.17	7560.76	8635.62	55.00	0.63	0.63	0.00