BAKER HUGHES

Realtime Log

Natural Formation Evaluation
Gamma Ray

Scale: 1:240
TRUE VERTICAL DEPTH

Company: Anadarko
Well: Niles 29N-28HZ
Field: WELD COUNTY
County: Weld County **State:** Colorado

Status: Final Print
API Number: 051233549400

Surface Location:
Latitude: 40° 11' 21.322" N
Longitude: 104° 47' 24.270" W
SEC: 28 TWP: 3N RNG: 66W

Other Services:
Directional
VSS

Permanent Datum (P.D.): Mean Sea Level Elevation: 0.00 ft.
Log Measured From: Kelly Bushing 13.00 ft. Above P.D.
Depth Reference: Driller's Depth

Elevations:
KB: 4947.00 ft.
DF: N/A
GL: 4934.00 ft.

Interval Logged		Dates				Magnetic Field Reference	
Top:	6605.0 ft.	Date From:	07 Jan 2013	Dip Angle:	66.97 °	Azi Reference North:	True
Bottom:	7542.0 ft.	Date To:	18 Jan 2013	Total		Mag to Reference	
		Spud Date:	06 Jan 2013	Field Strength:	52739.0 nT	North Correction:	8.62 °

Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
13.500 in.	Surface	956.0 ft.	9.625 in.	36.00 lb/ft	Surface	940.0 ft.
8.750 in.	956.0 ft.	7592.0 ft.	7.000 in.	26.00 lb/ft	Surface	7574.0 ft.
6.125 in.	7592.0 ft.	11746.0 ft.				

Mud Record			Deviation Record			
Type	From	To	Hole Size	Interval	Inc / Az (Start)	Inc / Az (End)
Water Based	Surface	11746.0 ft.	8.750 in.	Intermediate	0.3 ° / 181.1 °	87.0 ° / 0.6 °
			6.125 in.	Lateral	87.0 ° / 0.6 °	89.1 ° / 359.6 °
					/	/
					/	/
					/	/

Acquisition System	Software Version	Other	
Advantage	2.20U3	Rig:	Ensign 145 / Anadarko
PATS	6.4.1.34	Job No:	5171785
		District / Unit:	Rocky Mountain /

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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.)
2	2	3	8.750	PDC	2.000	Steerable	6605.0	6854.0	6655.0	6904.0	07 Jan 2013 02:36	10 Jan 2013 07:05	16.1
3	3	4	8.750	PDC	2.000	Steerable	6854.0	7542.0	6904.0	7592.0	10 Jan 2013 08:10	11 Jan 2013 23:40	23.9

Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
York Lewis	07 Jan 2013	10 Jan 2013	Ian McCarrell	07 Jan 2013	18 Jan 2013	Steven Cano	10 Jan 2013	18 Jan 2013

Mud Properties Record

Date / Time	LWD Run No.	Measured Depth (ft.)	Mud Type	Density (ppg)	Viscosity (cp)	pH	Fluid Loss (cc)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
10 Jan 2013 07:30	3	7100.0	Water Based	9.8	13	9.0	N/A	0 / 93	Pit	1400	N/A
14 Jan 2013 07:30	5	7610.0	Water Based	9.3	13	9.0	N/A	0 / 95	Pit	1100	N/A
14 Jan 2013 18:00	5	8950.0	Water Based	9.1	13	9.0	N/A	0 / 95	Pit	1100	N/A

Mnemonics

Curve	Description	Units
GRAX	Gamma Ray - Apparent, 0.5 ft. Avg	API
ROPA	Rate of Penetration, 3.0 ft. Avg	ft/hr
TCDX	Downhole Temperature	degF
WOBA	Surface Weight On Bit, 1.0 ft. Avg	klbf

Equipment and Service Data

LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (ft)	Max O.D. (in.)	Min I.D. (in.)
2	DIR	12235767	Directional	52.69	6.750	2.880
2	SRIG	11858322	Gamma	49.32	6.750	2.880
3	DIR	12235767	Directional	52.67	6.750	2.880
3	SRIG	11858322	Gamma	49.30	6.750	2.880

Service and Tool Mnemonics

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

Comments

1) Baker Hughes INTEQ run 1 utilized 6 1/2 inch NaviTrak services (Directional only) behind an 8 3/4 inch bit and steerable assembly from 938 to 6655 feet MD (937 to 6591 feet TVD).

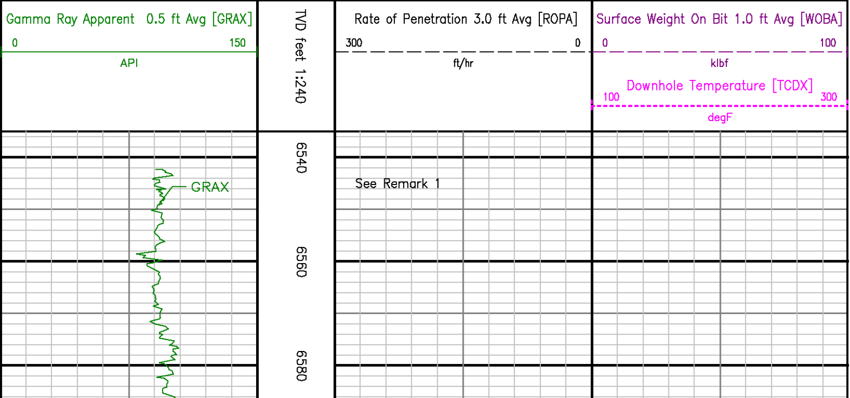
2) Baker Hughes INTEQ run 2 and 3 utilized 6 1/2 inch NaviGamma services (Directional, Gamma Ray, and VSS) behind an 8 3/4 inch bit and steerable assembly from 6655 to 7592 feet MD (6591 to 7172 feet TVD).

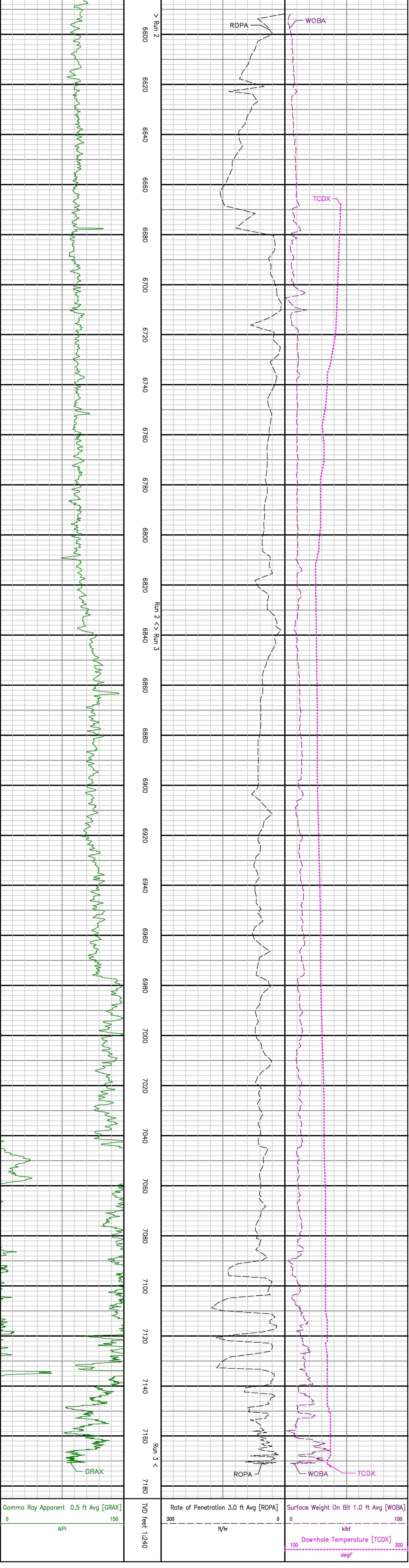
Remarks

Number	Measured Depth (ft)	Hole Section (in.)	LWD Run No.	Remark
1	6670	8.750	2	The interval from surface to 6609 feet MD (6579 feet TVD) was not logged since logging services began with the start of drilling with the curve assembly for run 2.

BAKER HUGHES

Company : Anadarko
Well : Niles 29N-28HZ
Interval : 6535.00 - 7185.00 feet
Created : 11/Jan/2013 3:36:51 PM





ADVANTAGE Final Survey Listing

Operator	:Anadarko	Field	: WELD COUNTY	API No	: 051233549400
Well	:Niles 29N-28HZ	Rig	: Ensign 145	Job	:5171785
Wellbore	: Niles 29N-28HZ Orig Hole				

Well Origin

Latitude	40.1893 deg	Longitude	-104.7901 deg
North Reference	True	Drill Depth Zero	Kelly Bushing
Vertical Datum is	Mean Sea Level	Vertical Datum to DDZ	4947.00 ft
Vertical Section North	0.00 ft	Vertical Section East	0.00 ft
Vertical Section Azimuth	9.1900 deg	Vertical Section Depth	0.00ft
Grid Convergence	0.0000 deg	Magnetic Declination	8.6200 deg
Total Correction	8.6200 deg	TVD Calculation Method	Minimal Curvature
D-Raw Calculation	Magcorr1	Local Magnetic Field	52739 nT
Local Magnetic Dip Angle	66.9700 deg	Local Gravity Field	9.800 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	878.00	0.3300	181.1000	-1.69	-0.18	877.99	-1.70	-2.50	878.00	0.04	0.04	-20.38
	972.00	0.1900	287.1400	-1.91	-0.33	971.99	-1.94	-2.23	94.00	0.45	-0.15	112.81
	1064.00	0.8100	117.1500	-2.17	0.10	1063.99	-2.12	-1.73	92.00	1.08	0.67	-184.77
	1155.00	1.8400	110.8700	-2.98	2.04	1154.96	-2.62	0.37	91.00	1.14	1.13	-6.90
	1246.00	3.5400	112.4200	-4.57	6.00	1245.86	-3.56	4.64	91.00	1.87	1.87	1.70
	1338.00	4.9700	121.0900	-7.71	12.04	1337.60	-5.69	11.45	92.00	1.70	1.55	9.42
	1430.00	6.4800	116.4200	-12.08	20.10	1429.14	-8.72	20.62	92.00	1.72	1.64	-5.08
	1522.00	7.9000	116.8300	-17.25	30.39	1520.42	-12.17	32.13	92.00	1.54	1.54	0.45
	1614.00	9.6800	110.4100	-22.80	43.28	1611.33	-15.59	46.17	92.00	2.21	1.93	-6.98
	1706.00	9.8100	101.6300	-27.07	58.21	1702.01	-17.43	61.70	92.00	1.62	0.14	-9.54
	1798.00	10.8900	96.3900	-29.62	74.52	1792.52	-17.34	78.21	92.00	1.56	1.17	-5.70
	1890.00	10.5000	96.3200	-31.51	91.49	1882.92	-16.50	95.28	92.00	0.42	-0.42	-0.08
	1985.00	9.5700	91.9200	-32.73	107.99	1976.46	-15.06	111.82	95.00	1.27	-0.98	-4.63
	2080.00	9.2700	93.7900	-33.50	123.52	2070.18	-13.34	127.37	95.00	0.45	-0.32	1.97
	2175.00	10.0700	97.6300	-35.11	139.38	2163.83	-12.40	143.32	95.00	1.08	0.84	4.04
	2270.00	10.8300	100.4200	-37.83	156.39	2257.26	-12.36	160.54	95.00	0.96	0.80	2.94
	2365.00	9.7900	99.0600	-40.71	173.15	2350.72	-12.54	177.55	95.00	1.12	-1.09	-1.43
	2459.00	9.5600	101.7900	-43.57	188.68	2443.39	-12.87	193.34	94.00	0.55	-0.24	2.90
	2554.00	10.0400	103.9000	-47.17	204.44	2537.00	-13.91	209.51	95.00	0.63	0.51	2.22
	2649.00	9.8800	108.4800	-51.74	220.21	2630.57	-15.91	225.92	95.00	0.85	-0.17	4.82
	2744.00	10.5100	107.5800	-56.94	236.20	2724.07	-18.49	242.74	95.00	0.68	0.66	-0.95
	2838.00	11.2300	103.8600	-61.72	253.26	2816.38	-20.48	260.46	94.00	1.07	0.77	-3.96
	2933.00	10.6000	103.5600	-65.99	270.74	2909.66	-21.90	278.44	95.00	0.67	-0.66	-0.32
	3028.00	9.8600	104.3800	-70.06	287.11	3003.15	-23.30	295.32	95.00	0.79	-0.78	0.86
	3123.00	9.5000	100.8200	-73.55	302.69	3096.80	-24.26	311.28	95.00	0.74	-0.38	-3.75
	3218.00	9.4800	100.6000	-76.46	318.08	3190.50	-24.68	326.95	95.00	0.04	-0.02	-0.23
	3313.00	9.1800	100.1300	-79.23	333.23	3284.24	-24.99	342.35	95.00	0.33	-0.32	-0.49
	3408.00	8.3400	98.9300	-81.63	347.50	3378.14	-25.09	356.81	95.00	0.90	-0.88	-1.26
	3502.00	9.0000	100.5700	-84.04	361.46	3471.06	-25.23	370.98	94.00	0.75	0.70	1.74
	3597.00	9.0500	102.6500	-87.04	376.05	3564.89	-25.86	385.88	95.00	0.35	0.05	2.19
	3692.00	9.2900	101.1700	-90.16	390.87	3658.67	-26.58	401.02	95.00	0.35	0.25	-1.56
	3787.00	9.8600	97.2600	-92.67	406.46	3752.35	-26.57	416.81	95.00	0.91	0.60	-4.12
	3882.00	10.2900	96.9500	-94.73	422.95	3845.88	-25.96	433.43	95.00	0.46	0.45	-0.33
	3977.00	10.4400	99.7100	-97.21	439.86	3939.33	-25.71	450.52	95.00	0.55	0.16	2.91
	4072.00	11.1200	101.6500	-100.51	457.31	4032.66	-26.18	468.29	95.00	0.81	0.72	2.04
	4166.00	11.1800	100.4700	-103.99	475.15	4124.88	-26.77	486.46	94.00	0.25	0.06	-1.26
	4261.00	9.2600	101.5500	-107.20	491.70	4218.37	-27.29	503.32	95.00	2.03	-2.02	1.14
	4356.00	8.4200	100.6000	-110.01	506.02	4312.24	-27.78	517.92	95.00	0.90	-0.88	-1.00
	4451.00	9.0000	104.0000	-113.09	520.07	4406.15	-28.57	532.29	95.00	0.82	0.61	3.58
	4546.00	9.3000	104.6700	-116.83	534.71	4499.94	-29.93	547.40	95.00	0.34	0.32	0.71
	4641.00	10.5200	101.5100	-120.50	550.63	4593.52	-31.01	563.74	95.00	1.41	1.28	-3.33
	4736.00	11.1100	100.0800	-123.84	568.14	4686.83	-31.51	581.57	95.00	0.68	0.62	-1.51
	4831.00	10.3300	100.5100	-126.99	585.53	4780.17	-31.85	599.24	95.00	0.83	-0.82	0.45
	4926.00	9.3100	99.9500	-129.87	601.47	4873.78	-32.14	615.44	95.00	1.08	-1.07	-0.59
	5020.00	9.2200	103.7800	-132.98	616.28	4966.55	-32.85	630.57	94.00	0.66	-0.10	4.07
	5115.00	9.4400	99.9600	-136.14	631.34	5060.30	-33.56	645.96	95.00	0.69	0.23	-4.02
	5210.00	10.2100	101.0000	-139.09	647.28	5153.90	-33.93	662.17	95.00	0.83	0.81	1.09
	5305.00	9.1000	100.3900	-142.06	662.93	5247.56	-34.36	678.10	95.00	1.17	-1.17	-0.64
	5400.00	8.7400	99.9000	-144.65	677.43	5341.41	-34.60	692.83	95.00	0.39	-0.38	-0.52
	5494.00	9.4800	102.4600	-147.55	692.03	5434.22	-35.13	707.71	94.00	0.90	0.79	2.72
	5589.00	8.2100	103.3700	-150.81	706.27	5528.09	-36.07	722.32	95.00	1.34	-1.34	0.96
	5684.00	7.1600	103.9300	-153.80	718.61	5622.24	-37.06	735.02	95.00	1.11	-1.11	0.59
	5779.00	5.9700	104.7900	-156.49	729.14	5716.61	-38.03	745.88	95.00	1.26	-1.25	0.91
	5874.00	5.0400	106.6400	-158.94	737.91	5811.17	-39.05	755.00	95.00	1.00	-0.98	1.95
	5968.00	3.3600	88.8700	-160.07	744.62	5904.92	-39.09	761.80	94.00	2.24	-1.79	-18.90
	6063.00	1.1700	58.0700	-159.50	748.23	5999.84	-37.96	765.45	95.00	2.56	-2.31	-32.42
	6158.00	0.5900	60.0900	-158.75	749.48	6094.83	-37.01	766.91	95.00	0.61	-0.61	2.13
	6253.00	0.3300	123.9900	-158.66	750.13	6189.83	-36.82	767.57	95.00	0.56	-0.27	67.26
	6348.00	0.5000	321.2800	-158.48	750.09	6284.83	-36.65	767.74	95.00	0.86	0.18	-171.27
	6443.00	0.7300	299.7700	-157.86	749.31	6379.82	-36.16	768.74	95.00	0.34	0.24	-22.64
	6538.00	0.6800	257.2400	-157.68	748.24	6474.82	-36.16	769.83	95.00	0.54	-0.05	-44.77
	6596.00	1.0700	245.3300	-157.99	747.41	6532.81	-36.59	770.72	58.00	0.74	0.67	-20.53
	6632.00	1.0800	246.5100	-158.26	746.79	6568.80	-36.96	771.39	36.00	0.07	0.03	3.28
	6695.00	4.9700	354.8300	-155.78	746.00	6631.73	-34.64	774.00	63.00	8.58	6.17	171.94
	6727.00	7.7400	1.5900	-152.24	745.93	6663.53	-31.16	777.53	32.00	8.95	8.66	21.13
	6759.00	7.4200	10.2500	-148.06	746.36	6695.25	-26.96	781.74	32.00	3.70	-1.00	27.06
	6790.00	8.7900	10.3700	-143.76	747.14	6725.94	-22.59	786.11	31.00	4.42	4.42	0.39
	6822.00	11.9000	8.0900	-138.08	748.05	6757.41	-16.84	791.86	32.00	9.80	9.72	-7.12
	6853.00	15.3900	9.4200	-130.86	749.17	6787.53	-9.53	799.17	31.00	11.30	11.26	4.29
	6886.00	18.7200	12.3600	-121.36	751.02	6819.08	0.14	808.84	33.00	10.42	10.09	8.91
	6917.00	21.1900	8.1300	-110.96	752.88	6848.22	10.71	819.41	31.00	9.22	7.97	-13.65
	6948.00	24.9900	4.2400	-98.87	754.16	6876.73	22.84	831.56	31.00	13.20	12.26	-12.55
	6980.00	28.7500	4.2300	-84.45	755.23	6905.27	37.25	846.02	32.00	11.75	11.75	-0.03
	7011.00	32.5000	4.0900	-68.71	756.37	6931.94	52.98	861.81	31.00	12.10	12.10	-0.45
	7043.00	36.0700	4.1000	-50.73	757.66	6958.38	70.93	879.84	32.00	11.16	11.16	0.03
	7075.00	39.1100	0.6700	-31.23	758.45	6983.73	90.30	899.35	32.00	11.53	9.50	-10.72
	7106.00	42.6400	358.7900	-10.95	758.34	7007.17	110.30	919.63	31.00	12.06	11.39	-6.06
	7138.00	47.1100	357.8400	11.61	757.67	7029.84	132.47	942.20	32.00	14.12	13.97	-2.97
	7170.00	51.8200	357.3600	35.90	756.65	7050.63	156.28	966.51	32.00	14.76	14.72	-1.50
	7201.00	56.4400	357.7900	60.99	755.59	7068.79	180.88	991.63	31.00	14.95	14.90	1.39
	7233.00	60.7700	357.8800	88.28	754.56	7085.46	207.66	1018.94	32.00	13.53	13.53	0.28
	7264.00	63.3600	358.6000	115.65	753.72	7099.98	234.55	1046.32	31.00	8.60	8.35	2.32
	7296.00	66.2000	358.7200	144.59	753.04	7113.61	263.00	1075.27	32.00	8.88	8.87	0.37
	7328.00	69.0000	358.8200	174.17	752.41	7125.81	292.10	1104.85	32.00	8.75	8.75	0.31
	7359.00	71.8000	358.8200	203.36	751.81	7136.20	320.82	1134.05	31.00	9.03	9.03	0.00
	7391.00	75.0400	358.9700	234.02	751.22	7145.33	351.00	1164.72	32.00	10.13	10.13	0.47
	7423.00	77.1200	359.4800	265.08	750.80	7153.03	381.59	1195.78	32.00	6.68	6.50	1.59
	7454.00	78.2700	359.2900	295.36	750.47	7159.64	411.43	1226.06	31.00	3.76	3.71	-0.61
	7486.00	81.5900	359.7200	326.87	750.20	7165.23	442.48	1257.57	32.00	10.46	10.38	1.34
	7517.00	85.0000	0.4700	357.65	750.25	7168.85	472.88	1288.35	31.00	11.26	11.00	2.42
	7538.00	86.9800	0.6000	378.60	750.45	7170.32	493.59	1309.30	21.00	9.45	9.43	0.62
	7613.00	89.3500	359.6000	453.55	750.58	7172.72	567.60	1384.25	75.00	3.43	3.16	-1.33
	7708.00	89.5300	0.2700	548.55	750.47	7173.65	661.36	1479.25	95.00	0.73	0.19	0.71
	7803.00	89.5300	0.3000	643.54	750.94	7174.43	755.21	1574.24	95.00	0.03	0.00	0.03
	7897.00	89.6300	359.5500	737.54	750.82	7175.12	847.98	1668.24	94.00	0.80	0.11	-0.80
	7992.00	90.1200	358.4000	832.52	749.12	7175.33	941.48	1763.24	95.00	1.32	0.52	-1.21
	8087.00	90.2100	358.9600	927.49	746.93	7175.05	1034.88	1858.24	95.00	0.60	0.09	0.59
	8182.00	90.7000	358.5500	1022.47	744.87	7174.30	1128.31	1953.23	95.00	0.67	0.52	-0.43
	8277.00	91.1100	0.1600	1117.45	743.80	7172.80	1221.90	2048.22	95.00	1.75	0.43	1.69
	8372.00	90.2700	359.1700	1212.44	743.24	7171.65	1315.58	2143.21	95.00	1.37	-0.88	-1.04
	8467.00	90.0900	0.9000	1307.43	743.30	7171.36	1409.36	2238.21	95.00	1.83	-0.19	1.82
	8562.00	88.9200	1.2700	1402.41	745.10	7172.18	1503.41	2333.20	95.00	1.29	-1.23	0.39
	8657.00	89.6500	1.8100	1497.37	747.65	7173.36	1597.56	2428.19	95.00	0.96	0.77	0.57
	8752.00	88.8200	359.9300	1592.34	749.09	7174.63	1691.54	2523.18	95.00	2.16	-0.87	-1.98
	8846.00	89.9600	0.3700	1686.34	749.34	7175.63	1784.37	2617.17	94.00	1.30	1.21	0.47
	8941.00	89.9300	358.3000	1781.32	748.24	7175.72	1877.96	2712.17	95.00	2.18	-0.03	-2.18
	9036.00	89.7800	358.2000	1876.28	745.34	7175.96	1971.23	2807.17	95.00	0.19	-0.16	-0.11
	9131.00	89.5600	359.8900	1971.26	743.75	7176.51	2064.74	2902.16	95.00	1.79	-0.23	1.78
	9226.00	89.8700	0.0600	2066.26	743.71	7176.98	2158.52	2997.16	95.00	0.37	0.33	0.18
	9320.00	90.3000	0.3500	2160.26	744.05	7176.84	2251.36	3091.16	94.00	0.55	0.46	0.31
	9415.00	90.5400	358.7400	2255.25	743.29	7176.15	2345.01	3186.15	95.00	1.71	0.25	-1.69
	9510.00	90.7900	0.2900	2350.24	742.49	7175.04	2438.65	3281.14	95.00	1.65	0.26	1.63
	9605.00	89.9300	0.0500	2445.23	742.77	7174.45	2532.47	3376.14	95.00	0.94	-0.91	-0.25
	9700.00	88.5100	359.5200	2540.22	742.41	7175.74	2626.19	3471.13	95.00	1.60	-1.49	-0.56
	9794.00	89.3500	359.3700	2634.20	741.50	7177.50	2718.81	3565.11	94.00	0.91	0.89	-0.16
	9889.00	89.7200	359.6600	2729.19	740.70	7178.27	2812.46	3660.11	95.00	0.49	0.39	0.31
	9984.00	89.8400	1.3400	2824.19	741.53	7178.63	2906.36	3755.10	95.00	1.77	0.13	1.77
	10079.00	89.6600	359.9300	2919.18	742.58	7179.05	3000.30	3850.10	95.00	1.50	-0.19	-1.48
	10174.00	89.7200	358.9000	3014.17	741.61	7179.56	3093.92	3945.10	95.00	1.09	0.06	-1.08
	10269.00	89.9000	0.6400	3109.16	741.23	7179.87	3187.64	4040.09	95.00	1.84	0.19	1.83
	10363.00	89.9600	0.7700	3203.16	742.39	7179.99	3280.61	4134.09	94.00	0.15	0.06	0.14
	10458.00	90.0900	1.2800	3298.14	744.09	7179.95	3374.64	4229.09	95.00	0.55	0.14	0.54
	10553.00	90.0300	0.3900	3393.13	745.47	7179.85	3468.63	4324.09	95.00	0.94	-0.06	-0.94
	10648.00	90.1800	0.5700	3488.13	746.27	7179.67	3562.54	4419.09	95.00	0.25	0.16	0.19
	10743.00	90.2100	0.5100	3583.12	747.16	7179.35	3656.46	4514.09	95.00	0.07	0.03	-0.06
	10838.00	89.6600	0.5300	3678.12	748.02	7179.46	3750.37	4609.09	95.00	0.58	-0.58	0.02
	10933.00	89.2900	1.5100	3773.10	749.72	7180.33	3844.40	4704.09	95.00	1.10	-0.39	1.03
	11028.00	88.4200	1.5000	3868.04	752.21	7182.23	3938.53	4799.07	95.00	0.92	-0.92	-0.01
	11123.00	89.9000	0.9200	3963.01	754.22	7183.62	4032.60	4894.05	95.00	1.67	1.56	-0.61
	11217.00	89.2600	0.4500	4057.00	755.34	7184.31	4125.56	4988.05	94.00	0.84	-0.68	-0.50
	11312.00	90.6700	0.8500	4151.99	756.42	7184.37	4219.50	5083.05	95.00	1.54	1.48	0.42
	11407.00	90.4300	359.8700	4246.98	757.01	7183.46	4313.37	5178.04	95.00	1.06	-0.25	-1.03
	11502.00	90.2700	0.0800	4341.98	756.97	7182.88	4407.14	5273.04	95.00	0.28	-0.17	0.22
	11597.00	89.8700	0.7100	4436.98	757.63	7182.76	4501.03	5368.04	95.00	0.79	-0.42	0.66
	11688.00	89.1000	359.6400	4527.97	757.91	7183.58	4590.90	5459.03	91.00	1.45	-0.85	-1.18
Projection to TD:												
	11746.00	89.1000	359.6400	4585.96	757.54	7184.49	4648.09	5517.03	58.00	0.00	0.00	0.00