BAKER HUGHES

REALTIME LOG

Natural Formation Evaluation
Gamma Ray

Scale: 1:240 TRUE VERTICAL DEPTH	**Company: Anadarko** **Well: USA FED 04N-36HZ** **Field: Weld County (Kerr McGee)** **County: Weld County State: Colorado**
Status: FINAL PRINT	Surface Location: Latitude: 40° 10' 36.296" N Longitude: 104° 43' 58.357" W Section:36 TWN: 3N Range 66E
API Number: 05-123-3689600	Other Services: DIRECTIONAL VSS

Permanent Datum (P.D.):	Ground Level	Elevation:	5041.00 ft.	Elevations:	
Log Measured From:	Kelly Bushing	17.00 ft.	Above P.D.	KB:	17.00 ft.
Depth Reference:	Driller's Depth			DF:	N/A
				GL:	5041.00 ft.

Interval Logged		Dates		Magnetic Field Reference			
Top:	7672.0 ft.	Date From:	19/Sep/13	Dip Angle:	66.96 °	Azi Reference North:	True
Bottom:	11808.0 ft.	Date To:	07/Oct/13	Total		Mag to Reference	
		Spud Date:	19/Sep/13	Field Strength:	52707.0 nT	North Correction:	8.58 °

Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
13.500 in.	SURFACE	940.0 ft.	9.000 in.	36.00 lb/ft	Surface	947.0 ft.
8.500 in.	947.0 ft.	7710.0 ft.	7.000 in.	27.00 lb/ft	Surface	7700.0 ft.
6.125 in.	7710.0 ft.	11808.0 ft.				

Mud Record			Deviation Record			
Type	From	To	Hole Size	Interval	Inc / Az (Start)	Inc / Az (End)
Water Based Mud	947.0 ft.	11808.0 ft.	13.500 in.	Surface	0.0 ° / 0.0 °	0.3 ° / 261.1 °
			8.500 in.	Vertical/Curve	0.9 ° / 243.3 °	84.8 ° / 1.7 °
			6.125 in.	Lateral	89.1 ° / 0.9 °	91.3 ° / 359.5 °
					/	/
					/	/
					/	/

Acquisition System	Software Version	Other		
Advantage	2.20U4	Rig: / Contractor:	Xtreme 8	/ Xtreme Coil Drilling
PATS	6.4.1.34	Job No:	5797242	
		District: / Unit:	Rocky Mountain	/ D & E

INTEQ does not guarantee the accuracy or correctness of interpretations provided in or from this log.
Since all interpretations are opinions based on measurements, INTEQ shall under no circumstances be responsible for consequential damages or any other loss, costs, damages or expenses incurred or sustained in connection with the use of any such interpretations. INTEQ disclaims all expressed and implied warranties related to this service.
INTEQ□s liabilities and obligations shall be governed by INTEQ's Standard Terms and Conditions.

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	2	8.500	PDC		Mud Motor	6740.0	7662.0	947.0	7710.0	02/Oct/2013 20:20	03/Oct/2013 16:00	37.2
3	3	3	6.125	PDC		Mud Motor	7662.0	11757.0	7710.0	11808.0	05/Oct/2013 10:10	06/Oct/2013 23:00	28.9

Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Nick Roosen	02/Oct/2013	07/Oct/2013	Shirley Arimah	02/Oct/2013	07/Oct/2013			

Mud Properties Record

Date / Time	LWD Run No.	Measured Depth (ft.)	Mud Type	Density (ppg)	Viscosity (s/qt)	pH	Fluid Loss (cc)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
03/Oct/2013 07:21	3	5842.0	Water Based Mud	9.6	36	8.5	N/A	1 / 93	Flowline	800	N/A
05/Oct/2013 23:54	4	8602.0	Water Based Mud	9.7	37	9.5	N/A	3 / 90	Flowline	1200	N/A
06/Oct/2013 20:00	4	11808.0	Water Based Mud	9.5	38	9.0	N/A	3/91	Flowline	1200	N/A

Mnemonics

Curve	Description	Units
GRAX	Gamma Ray Apparent, 0.5 ft. Avg	API
TCDX	Downhole Temperature	degF
ROP_AVG	Rate of Penetration, 3.0 ft. Avg	ft/hr
WOB_AVG	Surface Weight on Bit, 1.0 ft. Avg	klbs

Equipment and Service Data

LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (m.)	Max O.D. (in.)	Min I.D. (in.)
3	DIR	12168813	Directional	45.76	6.750	3.250
3	SRIG	12023982	Gamma	42.39	6.750	3.250
4	DIR	12042365	Directional	54.24	4.750	1.750
4	SRIG	12595025	Gamma	50.86	4.750	1.750

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 3 utilized 6 1/2 inch NaviGamma services (Gamma Ray and Directional) behind an 8 3/4 inch bit and steerable assembly from 947 to 7710 feet MD (947 to 7300 feet TVD)

(2) Baker Hughes INTEQ run 4 utilized 4 3/4 inch NaviGamma services (Gamma Ray and Directional) behind an 6.125 inch bit and steerable assembly from 7710 to 11808 feet MD (7300 to 7291 feet TVD)

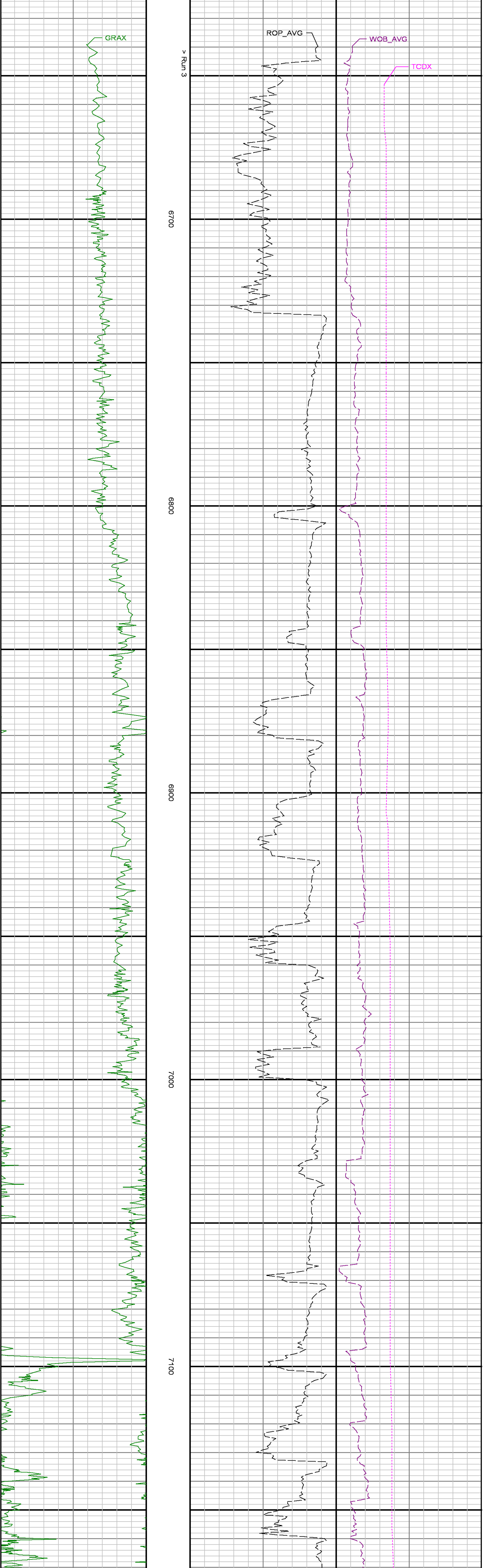
(3) A sliding indicator is shown to the right edge of track 1 as a heavy line.

Remarks

Number	Measured Depth (ft.)	Hole Section (in.)	LWD Run No.	Remark
1	7410	8.500	3	The interval from 7410 to 7662 feet MD (7229 to 7296 feet TVD) was not properly logged due to a gamma sensor failure in the MWD tool. Known good values were intermittent at best. Anadarko staff geologist had already received the necessary markers and it was decided to drill ahead and land the curve without gamma data.
2	7700	6.125	4	The interval from 7662 to 7710 feet MD (7296 to 7300 feet TVD) was logged up to 36 hours later due to trip out of hole to pick up 4 3/4 inch BHA for Lateral Run.
3	11800	6.125	4	The interval from 11757 to 11808 feet MD (7293 to 7291 feet TVD) was not logged due to sensor offset to bit at TD.

BAKER HUGHES

Company : Anadarko
Well : USA FED 04N-36HZ
Interval : 6620.00 - 7320.00 feet
Created : 06/Oct/2013 11:20:51 AM



ADVANTAGE Final Survey Listing

Operator : Anadarko
Well : USA FED 04N-36HZ
Wellbore : USA FED 04N-36HZ Orig Hole
Field : Weld County (Kerr McGee)
Rig : Xtreme 8
API No : 05-123-3689600
Job : 5797242

Well Origin

Latitude	40.1767 deg	Longitude	-104.7329 deg
North Reference	True	Drill Depth Zero	Kelly Bushing
Vertical Datum is	Ground Level	Vertical Datum to DDZ	17.00 ft
Vertical Section North	0.00 ft	Vertical Section East	0.00 ft
Vertical Section Azimuth	0.2300 deg	Vertical Section Depth	0.00ft
Grid Convergence	0.0000 deg	Magnetic Declination	8.5800 deg
Total Correction	8.5800 deg	TVD Calculation Method	Minimal Curvature
D-Raw Calculation	Magcorr1	Local Magnetic Field	52707 nT
Local Magnetic Dip Angle	66.9600 deg	Local Gravity Field	9.798 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				
	17.00	0.0000	0.0000	0.00	0.00	17.00	0.00	0.00	17.00	0.00	0.00	0.00
	84.00	0.3200	35.4500	0.15	0.11	84.00	0.15	0.19	67.00	0.48	0.48	52.91
	172.00	0.5300	344.4600	0.74	0.14	172.00	0.75	0.78	88.00	0.47	0.24	-57.94
	267.00	0.5300	11.3000	1.60	0.11	266.99	1.60	1.64	95.00	0.26	0.00	28.25
	360.00	0.4000	33.5200	2.29	0.37	359.99	2.29	2.38	93.00	0.24	-0.14	23.89
	452.00	0.4600	36.6100	2.86	0.77	451.99	2.86	3.07	92.00	0.07	0.07	3.36
	544.00	0.2400	17.5500	3.34	1.05	543.99	3.34	3.62	92.00	0.27	-0.24	-20.72
	637.00	0.3400	73.5000	3.60	1.37	636.99	3.61	4.04	93.00	0.31	0.11	60.16
	730.00	0.3200	32.1400	3.90	1.78	729.98	3.91	4.54	93.00	0.25	-0.02	-44.47
	823.00	0.5200	275.7200	4.16	1.49	822.98	4.17	4.92	93.00	0.78	0.22	-125.18
	891.00	0.2600	261.1300	4.17	1.03	890.98	4.17	5.38	68.00	0.41	-0.38	-21.46
	979.00	0.8800	243.3400	3.83	0.23	978.98	3.83	6.25	88.00	0.72	0.70	-20.22
	1071.00	0.9600	249.2700	3.24	-1.12	1070.96	3.24	7.73	92.00	0.14	0.09	6.45
	1163.00	2.2600	214.7500	1.48	-2.87	1162.93	1.47	10.22	92.00	1.70	1.41	-37.52
	1255.00	4.0600	204.1100	-2.98	-5.24	1254.78	-3.00	15.27	92.00	2.05	1.96	-11.57
	1345.00	5.5500	203.1500	-9.89	-8.25	1344.47	-9.93	22.80	90.00	1.66	1.66	-1.07
	1437.00	6.6600	197.7000	-19.07	-11.62	1435.94	-19.11	32.58	92.00	1.36	1.21	-5.92
	1529.00	8.1300	181.6100	-30.65	-13.43	1527.19	-30.71	44.30	92.00	2.75	1.60	-17.49
	1620.00	8.5300	172.6900	-43.78	-12.75	1617.23	-43.83	57.45	91.00	1.48	0.44	-9.80
	1712.00	10.0900	169.5100	-58.47	-10.41	1708.02	-58.52	72.33	92.00	1.78	1.70	-3.46
	1804.00	9.8000	168.2000	-74.06	-7.35	1798.63	-74.09	88.21	92.00	0.40	-0.32	-1.42
	1896.00	11.2200	168.6200	-90.50	-3.98	1889.09	-90.52	104.99	92.00	1.55	1.54	0.46
	1988.00	11.5200	166.7900	-108.22	-0.11	1979.28	-108.22	123.13	92.00	0.51	0.33	-1.99
	2080.00	11.2300	171.2000	-126.02	3.36	2069.48	-126.00	141.26	92.00	1.00	-0.32	4.79
	2171.00	10.9100	170.4200	-143.27	6.15	2158.78	-143.24	158.73	91.00	0.39	-0.35	-0.86
	2262.00	10.5200	170.4000	-159.95	8.97	2248.20	-159.91	175.65	91.00	0.43	-0.43	-0.02
	2354.00	9.5700	168.3000	-175.72	11.92	2338.78	-175.67	191.70	92.00	1.11	-1.03	-2.28
	2445.00	9.9900	178.2500	-191.02	13.69	2428.47	-190.96	207.10	91.00	1.91	0.46	10.93
	2537.00	10.9400	179.2600	-207.72	14.05	2518.94	-207.66	223.81	92.00	1.05	1.03	1.10
	2628.00	10.3900	179.4800	-224.56	14.23	2608.37	-224.50	240.65	91.00	0.61	-0.60	0.24
	2719.00	9.8100	180.2900	-240.52	14.27	2697.95	-240.46	256.61	91.00	0.66	-0.64	0.89
	2811.00	10.9300	177.7700	-257.07	14.57	2788.45	-257.01	273.16	92.00	1.31	1.22	-2.74
	2896.00	10.8200	166.5400	-272.89	16.74	2871.93	-272.82	289.12	85.00	2.49	-0.13	-13.21
	2981.00	10.8300	166.7900	-288.42	20.42	2955.42	-288.34	305.09	85.00	0.06	0.01	0.29
	3066.00	10.6500	173.5800	-304.00	23.13	3038.94	-303.90	320.90	85.00	1.50	-0.21	7.99
	3152.00	10.3400	174.7700	-319.58	24.72	3123.50	-319.48	336.56	86.00	0.44	-0.36	1.38
	3237.00	10.4400	172.4100	-334.81	26.43	3207.10	-334.70	351.89	85.00	0.51	0.12	-2.78
	3322.00	9.7000	172.3700	-349.54	28.40	3290.79	-349.43	366.75	85.00	0.87	-0.87	-0.05
	3408.00	9.0900	174.8400	-363.49	29.97	3375.64	-363.37	380.79	86.00	0.85	-0.71	2.87
	3493.00	8.9000	172.8900	-376.70	31.39	3459.59	-376.57	394.08	85.00	0.42	-0.22	-2.29
	3578.00	8.2500	171.0000	-389.25	33.16	3543.64	-389.12	406.75	85.00	0.83	-0.76	-2.22
	3663.00	8.5700	173.5400	-401.57	34.82	3627.73	-401.43	419.18	85.00	0.58	0.38	2.99
	3748.00	8.5600	176.9500	-414.18	35.87	3711.78	-414.03	431.83	85.00	0.60	-0.01	4.01
	3833.00	9.5500	174.8900	-427.52	36.84	3795.72	-427.37	445.21	85.00	1.23	1.16	-2.42
	3919.00	9.7400	175.1800	-441.87	38.08	3880.51	-441.72	459.61	86.00	0.23	0.22	0.34
	4004.00	9.3600	168.5600	-455.81	40.06	3964.33	-455.65	473.69	85.00	1.37	-0.45	-7.79
	4089.00	10.0900	168.4100	-469.88	42.93	4048.11	-469.71	488.05	85.00	0.86	0.86	-0.18
	4175.00	10.3000	169.6700	-484.83	45.82	4132.75	-484.64	503.27	86.00	0.36	0.24	1.47
	4260.00	11.0400	174.1500	-500.40	48.01	4216.28	-500.20	519.00	85.00	1.31	0.87	5.27
	4345.00	10.6100	175.2100	-516.29	49.49	4299.77	-516.09	534.96	85.00	0.56	-0.51	1.25
	4430.00	9.9000	170.5900	-531.30	51.34	4383.41	-531.09	550.08	85.00	1.28	-0.84	-5.44
	4515.00	9.7600	169.7200	-545.60	53.82	4467.17	-545.38	564.59	85.00	0.24	-0.16	-1.02
	4601.00	10.6200	168.8500	-560.54	56.65	4551.81	-560.31	579.81	86.00	1.02	1.00	-1.01
	4686.00	10.3500	172.0400	-575.79	59.23	4635.39	-575.55	595.27	85.00	0.75	-0.32	3.75
	4771.00	10.0700	175.5700	-590.76	60.86	4719.04	-590.51	610.33	85.00	0.81	-0.33	4.15
	4856.00	10.4900	172.5300	-605.84	62.44	4802.68	-605.59	625.49	85.00	0.81	0.49	-3.58
	4941.00	10.0100	171.5000	-620.82	64.54	4886.32	-620.56	640.62	85.00	0.60	-0.56	-1.21
	5027.00	10.4400	174.3400	-635.97	66.41	4970.96	-635.70	655.88	86.00	0.77	0.50	3.30
	5112.00	10.1800	176.8200	-651.13	67.59	5054.59	-650.86	671.09	85.00	0.61	-0.31	2.92
	5197.00	8.2900	174.8500	-664.74	68.55	5138.48	-664.46	684.73	85.00	2.25	-2.22	-2.32
	5283.00	7.2800	175.1200	-676.34	69.57	5223.69	-676.06	696.38	86.00	1.18	-1.17	0.31
	5368.00	6.9300	173.7900	-686.80	70.59	5308.03	-686.52	706.89	85.00	0.45	-0.41	-1.56
	5453.00	5.3900	172.4500	-695.86	71.66	5392.54	-695.57	716.01	85.00	1.82	-1.81	-1.58
	5538.00	4.6200	170.5100	-703.19	72.75	5477.22	-702.90	723.42	85.00	0.93	-0.91	-2.28
	5624.00	4.1400	168.4300	-709.65	73.95	5562.97	-709.35	729.99	86.00	0.59	-0.56	-2.42
	5709.00	3.0200	165.9700	-714.83	75.11	5647.80	-714.52	735.30	85.00	1.33	-1.32	-2.89
	5794.00	1.9200	157.0600	-718.31	76.20	5732.72	-718.00	738.95	85.00	1.37	-1.29	-10.48
	5879.00	0.9700	115.1700	-719.93	77.41	5817.69	-719.62	740.97	85.00	1.60	-1.12	-49.28
	5965.00	0.7600	47.5500	-719.86	78.49	5903.68	-719.54	742.05	86.00	1.14	-0.24	-78.63
	6135.00	0.0900	263.2100	-719.11	79.19	6073.68	-718.79	743.07	170.00	0.49	-0.39	-84.91
	6390.00	0.8300	157.0700	-720.84	79.71	6328.67	-720.51	744.87	255.00	0.34	0.29	-41.62
	6475.00	0.1400	332.4300	-721.31	79.90	6413.67	-720.98	745.39	85.00	1.14	-0.81	206.31
	6646.00	0.4600	106.5200	-721.32	80.46	6584.67	-720.99	745.95	171.00	0.33	0.19	78.42
	6731.00	1.5300	35.6900	-720.50	81.45	6669.65	-720.16	747.23	85.00	1.70	1.26	-83.33
	6816.00	4.6300	9.1000	-716.19	82.66	6754.52	-715.85	751.71	85.00	3.92	3.65	-31.28
	6858.00	10.4700	6.0200	-710.71	83.33	6796.14	-710.37	757.22	42.00	13.93	13.90	-7.33
	6901.00	15.7600	6.7200	-701.02	84.42	6838.01	-700.68	766.98	43.00	12.31	12.30	1.63
	6944.00	19.4600	4.9000	-688.08	85.72	6878.98	-687.73	779.98	43.00	8.70	8.60	-4.23
	6986.00	22.4800	1.5200	-673.08	86.53	6918.20	-672.73	795.01	42.00	7.74	7.19	-8.05
	7029.00	25.8700	1.5600	-655.48	87.00	6957.42	-655.12	812.61	43.00	7.88	7.88	0.09
	7072.00	28.5600	0.0300	-635.82	87.26	6995.66	-635.46	832.28	43.00	6.46	6.26	-3.56
	7114.00	33.0600	359.5800	-614.31	87.18	7031.72	-613.96	853.78	42.00	10.73	10.71	-1.07
	7157.00	38.1900	359.3000	-589.27	86.93	7066.66	-588.92	878.82	43.00	11.94	11.93	-0.65
	7200.00	43.6400	359.5600	-561.12	86.66	7099.15	-560.77	906.97	43.00	12.68	12.67	0.60
	7242.00	47.4100	359.6600	-531.16	86.45	7128.57	-530.81	936.94	42.00	8.98	8.98	0.24
	7285.00	50.3500	359.9300	-498.77	86.34	7156.84	-498.42	969.33	43.00	6.85	6.84	0.63
	7328.00	52.6500	358.9200	-465.12	86.00	7183.61	-464.77	1002.97	43.00	5.66	5.35	-2.35
	7370.00	56.4900	357.8500	-430.92	85.02	7207.95	-430.58	1037.19	42.00	9.38	9.14	-2.55
	7413.00	61.5500	356.8600	-394.11	83.32	7230.08	-393.77	1074.04	43.00	11.93	11.77	-2.30
	7455.00	66.6200	357.5600	-356.39	81.48	7248.43	-356.06	1111.81	42.00	12.16	12.07	1.67
	7498.00	71.6000	359.6300	-316.24	80.51	7263.76	-315.92	1151.96	43.00	12.42	11.58	4.81
	7540.00	75.9600	2.2000	-275.93	81.16	7275.49	-275.61	1192.28	42.00	11.93	10.38	6.12
	7583.00	79.0300	1.9300	-233.99	82.68	7284.80	-233.65	1234.25	43.00	7.17	7.14	-0.63
	7625.00	81.8600	1.7500	-192.59	84.01	7291.77	-192.26	1275.67	42.00	6.75	6.74	-0.43
	7662.00	84.7600	1.7100	-155.87	85.11	7296.08	-155.52	1312.41	37.00	7.84	7.84	-0.11
	7782.00	89.0800	0.9200	-36.10	87.86	7302.52	-35.75	1432.21	120.00	3.66	3.60	-0.66
	7867.00	89.2300	0.1800	48.89	88.68	7303.78	49.24	1517.20	85.00	0.89	0.18	-0.87
	7952.00	90.5200	0.2300	133.88	88.98	7303.96	134.24	1602.20	85.00	1.52	1.52	0.06
	8037.00	90.6500	359.5800	218.88	88.84	7303.10	219.23	1687.19	85.00	0.78	0.15	-0.76
	8122.00	90.7100	359.6300	303.87	88.25	7302.09	304.22	1772.19	85.00	0.09	0.07	0.06
	8208.00	91.4500	359.7200	389.85	87.77	7300.47	390.20	1858.17	86.00	0.87	0.86	0.10
	8293.00	90.7700	359.3100	474.83	87.05	7298.82	475.18	1943.15	85.00	0.93	-0.80	-0.48
	8378.00	91.6400	358.6100	559.80	85.51	7297.03	560.14	2028.13	85.00	1.31	1.02	-0.82
	8463.00	90.9900	359.0200	644.76	83.75	7295.08	645.09	2113.11	85.00	0.90	-0.76	0.48
	8549.00	90.6200	358.8200	730.73	82.13	7293.87	731.06	2199.10	86.00	0.49	-0.43	-0.23
	8634.00	89.9100	0.0900	815.73	81.32	7293.48	816.05	2284.10	85.00	1.71	-0.84	1.49
	8719.00	90.1200	0.9300	900.72	82.08	7293.46	901.04	2369.10	85.00	1.02	0.25	0.99
	8804.00	89.9400	1.2200	985.71	83.67	7293.41	986.03	2454.10	85.00	0.40	-0.21	0.34
	8889.00	90.4000	1.3800	1070.68	85.60	7293.16	1071.02	2539.10	85.00	0.57	0.54	0.19
	8975.00	89.9100	1.1800	1156.66	87.52	7292.93	1157.00	2625.10	86.00	0.62	-0.57	-0.23
	9060.00	90.0600	1.7300	1241.63	89.68	7292.95	1241.98	2710.10	85.00	0.67	0.18	0.65
	9145.00	89.1100	1.3200	1326.60	91.94	7293.57	1326.96	2795.09	85.00	1.22	-1.12	-0.48
	9230.00	90.2200	1.8400	1411.57	94.28	7294.06	1411.93	2880.09	85.00	1.44	1.31	0.61
	9315.00	90.2800	0.9700	1496.54	96.37	7293.69	1496.91	2965.09	85.00	1.03	0.07	-1.02
	9401.00	90.5900	0.7500	1582.53	97.66	7293.04	1582.91	3051.09	86.00	0.44	0.36	-0.26
	9486.00	90.3400	359.3300	1667.52	97.72	7292.35	1667.90	3136.08	85.00	1.70	-0.29	-1.67
	9571.00	89.6300	359.7800	1752.52	97.06	7292.37	1752.89	3221.08	85.00	0.99	-0.84	0.53
	9656.00	89.9700	359.9300	1837.52	96.84	7292.67	1837.89	3306.08	85.00	0.44	0.40	0.18
	9741.00	89.2900	359.4900	1922.51	96.41	7293.22	1922.88	3391.08	85.00	0.95	-0.80	-0.52
	9826.00	89.5400	359.5400	2007.51	95.69	7294.09	2007.87	3476.07	85.00	0.30	0.29	0.06
	9911.00	90.2500	359.3000	2092.50	94.83	7294.24	2092.86	3561.07	85.00	0.88	0.84	-0.28
	9997.00	89.8500	359.3300	2178.49	93.80	7294.17	2178.85	3647.07	86.00	0.47	-0.47	0.03
	10082.00	89.1400	358.5400	2263.48	92.22	7294.92	2263.83	3732.07	85.00	1.25	-0.84	-0.93
	10167.00	89.2600	358.4100	2348.44	89.96	7296.10	2348.78	3817.06	85.00	0.21	0.14	-0.15
	10253.00	89.2000	359.0700	2434.41	88.07	7297.26	2434.74	3903.05	86.00	0.77	-0.07	0.77
	10338.00	89.0800	359.6500	2519.39	87.12	7298.53	2519.72	3988.04	85.00	0.70	-0.14	0.68
	10423.00	89.4100	1.4100	2604.38	87.91	7299.65	2604.71	4073.03	85.00	2.11	0.39	2.07
	10508.00	89.4500	0.7000	2689.36	89.47	7300.50	2689.70	4158.02	85.00	0.84	0.05	-0.84
	10593.00	89.6600	0.2300	2774.35	90.16	7301.16	2774.69	4243.02	85.00	0.61	0.25	-0.55
	10679.00	89.4800	0.5800	2860.35	90.77	7301.80	2860.69	4329.02	86.00	0.46	-0.21	0.41
	10764.00	90.4600	2.0000	2945.32	92.68	7301.85	2945.67	4414.02	85.00	2.03	1.15	1.67
	10849.00	90.7400	0.9300	3030.29	94.86	7300.96	3030.65	4499.01	85.00	1.30	0.33	-1.26
	10934.00	91.2600	2.8800	3115.23	97.68	7299.48	3115.59	4583.99	85.00	2.37	0.61	2.29
	11019.00	91.3900	2.8100	3200.10	101.90	7297.51	3200.48	4668.97	85.00	0.17	0.15	-0.08
	11105.00	90.5200	2.1100	3286.01	105.59	7296.08	3286.40	4754.96	86.00	1.30	-1.01	-0.81
	11190.00	91.1400	1.8200	3370.95	108.51	7294.85	3371.35	4839.95	85.00	0.81	0.73	-0.34
	11275.00	89.7500	1.9700	3455.90	111.32	7294.19	3456.31	4924.94	85.00	1.64	-1.64	0.18
	11360.00	90.6500	1.6400	3540.85	113.99	7293.89	3541.28	5009.94	85.00	1.13	1.06	-0.39
	11445.00	90.1500	0.1900	3625.84	115.35	7293.30	3626.27	5094.94	85.00	1.80	-0.59	-1.71
	11531.00	89.1700	359.6600	3711.83	115.24	7293.81	3712.27	5180.93	86.00	1.30	-1.14	-0.62
	11752.00	91.3300	359.5200	3932.81	113.66	7292.84	3933.24	5401.92	221.00	0.98	0.98	-0.06
Projection to TD:												
	11808.00	91.3300	359.5200	3988.80	113.19	7291.54	3989.22	5457.90	56.00	0.00	0.00	0.00