

BAKER HUGHES				LWD MEMORY LOG											
				Gamma Ray											
Scale: 1:1200 TVD				Company: Noble Energy											
Depth Reference: Driller's Depth				Well: Holliday Federal LC23-780											
				Field: D&E											
				County: Weld County Country: United States											
				State: Colorado											
Status: Final Print				Surface Location: Latitude: Longitude:						Other Services:					
API No: 05123429500000				SEC: 11 TWN: 9N RGE: 59W						Wellbore Survey					
Job ID: 8300307				Permanent Datum (P.D.): Ground Level						Elev. KB: 5007.00 ft					
Log Measured From: Rig Floor				Above P.D. 30.00 ft						Elev. DF: 4977.00 ft					
Dates				Interval Logged						Magnetic Field Reference					
Date From: 2017-01-20				Top: (ft) 1910.00		Azi Reference North: Grid				Dip Angle: (deg) 67.11					
Date To: 2017-01-21				Bottom: (ft) 6155.00		Total Magnetic Field Strength: (nT) 52703									
Spud Date: 2017-01-19				Mag to Reference North Correction: (deg) 6.59 E											
Borehole Record				Casing Record											
Hole Size (in)		From (ft)		To (ft)		Size (in)		Weight (lb/ft)		From (ft)		To (ft)			
13.500		30.00		1919.00		11.625		36.00		30.00		1910.00			
8.500		1919.00		16710.00											

2017-01-20 14:30	1	2334.45	Oil Based Mud	9.3	10	N/A	19.0	84.3/15.7	Active Pit	21500	0.00
2017-01-21 11:15	2	5949.18	Oil Based Mud	9.1	9	N/A	17.8	83.9/16.1	Active Pit	21500	0.00
2017-01-21 17:19	2	6319.16	Oil Based Mud	9.0	8	N/A	18.5	84.6/15.4	Active Pit	22000	0.00
2017-01-22 03:00	2	8835.79	Oil Based Mud	9.3	9	N/A	17.5	84.4/15.6	Active Pit	23500	0.00
2017-01-22 17:20	2	13226.10	Oil Based Mud	9.4	10	N/A	20.3	85.5/14.5	Active Pit	22500	0.00
2017-01-23 03:09	2	15962.97	Oil Based Mud	9.3	10	N/A	20.3	85.5/14.5	Active Pit	23500	0.00

Equipment and Service Data

Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	ATC_SU	13993179	Near Bit Inclination	5.93	6.67	7.000	4.330
1	ATC_SU	13993179	Near Bit VSS	5.93	6.67	7.000	4.330
1	ATC_MWD	12271805	Gamma (single)	2.75	12.84	7.000	3.250
1	ATC_MWD	12271805	Directional (mag)	12.27	22.36	7.000	3.250
2	ATC_SU	13993179	Near Bit Inclination	5.93	6.76	7.000	4.330
2	ATC_SU	13993179	Near Bit VSS	5.93	6.76	7.000	4.330
2	ATC_MWD	12271805	Gamma (single)	2.75	12.93	7.000	3.250
2	ATC_MWD	12271805	Directional (mag)	12.27	22.45	7.000	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit
ATC_MWD	ATC_MWD	Auto Trak Curve MWD
ATC_LCPM	ATC_LCPM	Auto Trak Curve LCPM

Comments


1	Baker Hughes LWD Runs 1 and 2 utilized 6 3/4 inch Navigamma service (Gamma Ray and Directional) behind a 8 1/2 inch bit and rotary steerable assembly from 1919 to 16710 feet MD (1918 to 6152 TVD).
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Remarks

Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	16694.00	8.500	2	The interval from 16694 to 16710 feet MD (6152 feet TVD) was not logged due to sensor to bit offset at well TD.

Curve Mnemonics

Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
WOBA	Weight On Bit, Average 1 ft Average	klb
GRAM	Gamma Ray - Apparent 3 ft Average	API
TCDM	Downhole Temperature	degF



Company

Well

Interval

Created

Noble Energy

Holliday Federal LC23-780

Date From:

2017-01-20 12:39:03

Date To:

2017-01-21 19:49:09

Top:

1910.00

Bottom:

6155.00

2017-01-23 17:16

Gamma Ray - Apparent 3 ft Average GRAM

0150

API

TVD 1:1200 feet

1800

1900

Depth Averaged ROP 3 ft Average ROPA

10000

ft/h

Weight On Bit, Average 1 ft Average WOBA

050

klb

Downhole Temperature TCDM

0250

degF

GRAM

ROP

WOBA

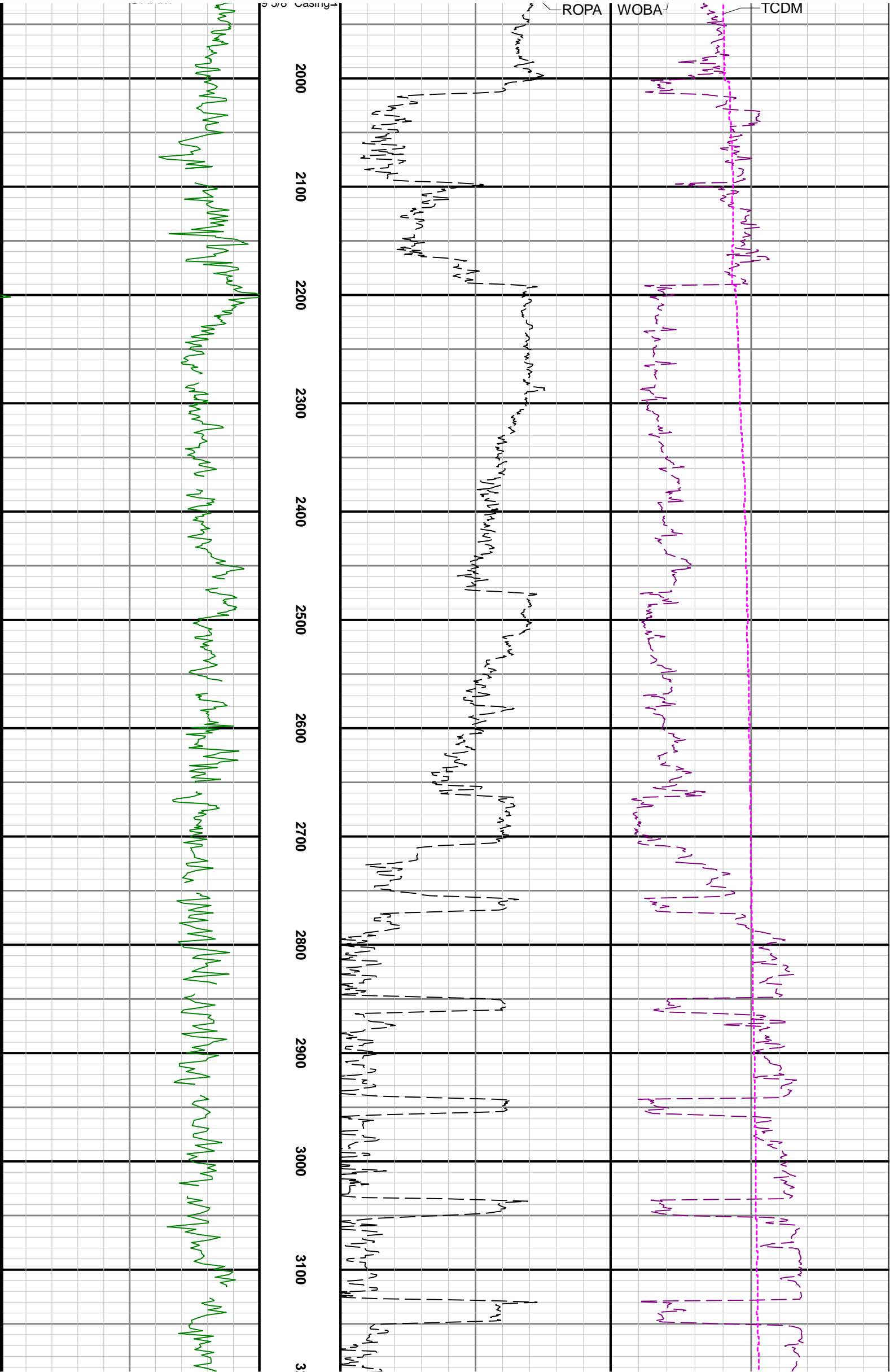
TCDM

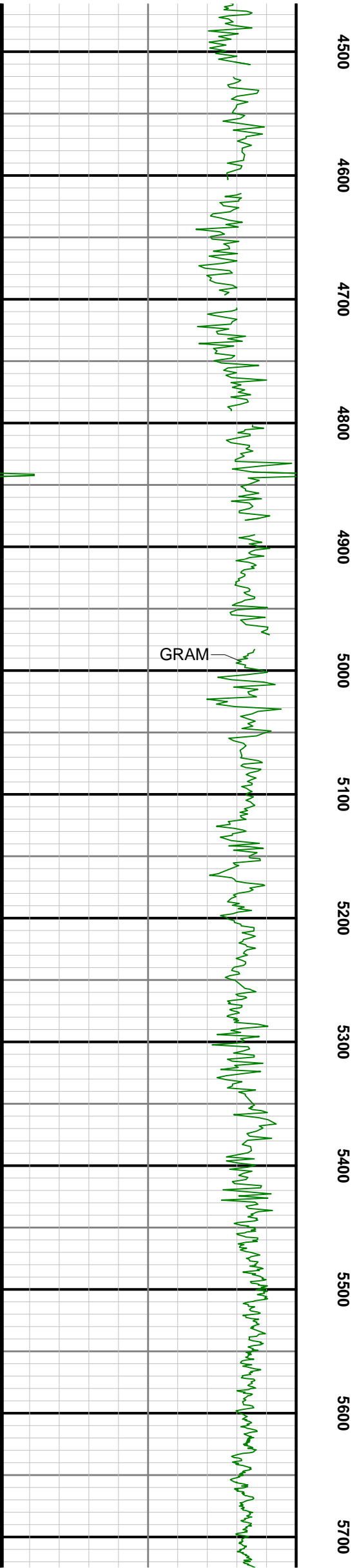
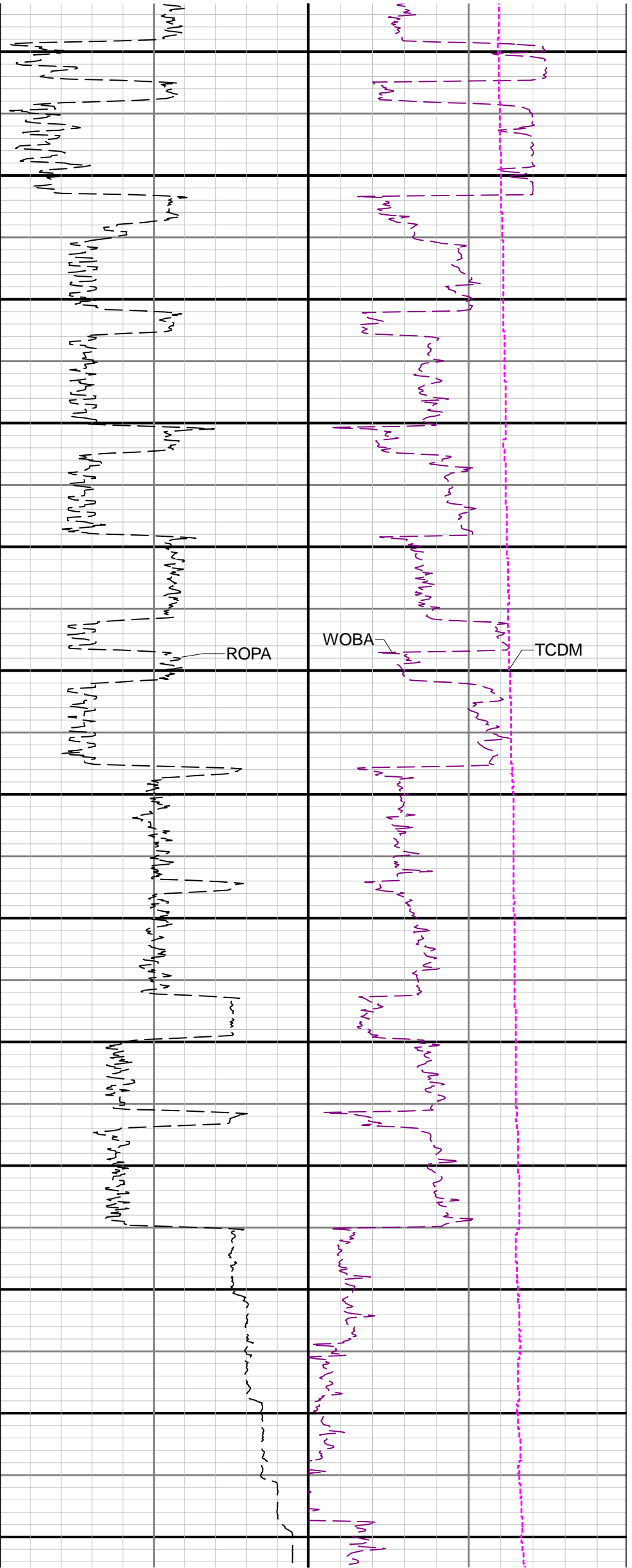
0.5" Section

1.0" Section

1.5" Section

2.0" Section





	1874.00	0.42	180.46	N/A	-4.97	-2.68	1873.97	4.97	94.00	0.20	0.20	6.16
	1899.00	0.43	184.70	N/A	-5.16	-2.68	1898.97	5.16	25.00	0.13	0.04	16.96
	1980.00	0.68	105.33	N/A	-5.59	-2.24	1979.97	5.59	81.00	0.91	0.31	-97.99
	2075.00	0.24	223.86	N/A	-5.88	-1.84	2074.97	5.88	95.00	0.87	-0.46	124.77
	2169.00	0.09	23.73	N/A	-5.96	-1.95	2168.97	5.95	94.00	0.35	-0.16	170.07
	2264.00	1.93	331.06	N/A	-4.49	-2.69	2263.95	4.48	95.00	1.98	1.94	-55.44
	2359.00	4.39	335.86	N/A	0.23	-4.95	2358.80	-0.24	95.00	2.60	2.59	5.05
	2454.00	5.93	336.86	N/A	8.06	-8.37	2453.41	-8.07	95.00	1.62	1.62	1.05
	2548.00	8.01	337.41	N/A	18.57	-12.79	2546.71	-18.59	94.00	2.21	2.21	0.59
	2643.00	9.60	339.20	N/A	32.09	-18.15	2640.59	-32.12	95.00	1.70	1.67	1.88
	2737.00	11.01	340.10	N/A	47.86	-23.99	2733.07	-47.90	94.00	1.51	1.50	0.96
	2832.00	11.08	340.27	N/A	64.98	-30.16	2826.31	-65.03	95.00	0.08	0.07	0.18
	2927.00	11.12	340.92	N/A	82.23	-36.23	2919.53	-82.29	95.00	0.14	0.04	0.68
	3022.00	10.97	342.00	N/A	99.49	-42.02	3012.77	-99.55	95.00	0.27	-0.16	1.14
	3116.00	10.93	342.89	N/A	116.51	-47.41	3105.06	-116.59	94.00	0.18	-0.04	0.95
	3211.00	10.61	344.42	N/A	133.54	-52.40	3198.39	-133.63	95.00	0.45	-0.34	1.61
	3305.00	11.09	347.45	N/A	150.70	-56.69	3290.71	-150.79	94.00	0.79	0.51	3.22
	3400.00	11.10	347.47	N/A	168.55	-60.66	3383.93	-168.64	95.00	0.01	0.01	0.02
	3495.00	11.25	345.70	N/A	186.46	-64.94	3477.13	-186.56	95.00	0.39	0.16	-1.86
	3589.00	11.23	343.29	N/A	204.11	-69.83	3569.33	-204.22	94.00	0.50	-0.02	-2.56
	3684.00	11.33	340.99	N/A	221.79	-75.53	3662.49	-221.91	95.00	0.49	0.11	-2.42
	3778.00	11.26	338.06	N/A	239.03	-81.97	3754.67	-239.16	94.00	0.61	-0.07	-3.12
	3873.00	11.21	337.91	N/A	256.19	-88.91	3847.85	-256.33	95.00	0.06	-0.05	-0.16
	3968.00	11.18	338.50	N/A	273.32	-95.75	3941.04	-273.47	95.00	0.12	-0.03	0.62
	4062.00	11.00	340.82	N/A	290.27	-102.04	4033.29	-290.43	94.00	0.51	-0.19	2.47
	4157.00	10.67	345.72	N/A	307.35	-107.19	4126.60	-307.52	95.00	1.03	-0.35	5.16
	4251.00	11.09	348.67	N/A	324.65	-111.11	4218.91	-324.82	94.00	0.74	0.45	3.14
	4346.00	11.15	350.27	N/A	342.66	-114.46	4312.13	-342.84	95.00	0.33	0.06	1.68
	4441.00	11.12	351.97	N/A	360.79	-117.29	4405.34	-360.97	95.00	0.35	-0.03	1.79
	4535.00	11.19	353.13	N/A	378.82	-119.65	4497.56	-379.00	94.00	0.25	0.07	1.23
	4629.00	10.33	353.76	N/A	396.25	-121.65	4589.91	-396.44	94.00	0.92	-0.91	0.67
	4724.00	10.67	351.69	N/A	413.42	-123.85	4683.32	-413.61	95.00	0.53	0.36	-2.18
	4819.00	10.59	349.07	N/A	430.69	-126.78	4776.69	-430.89	95.00	0.52	-0.08	-2.76
	4913.00	11.10	347.95	N/A	448.02	-130.30	4869.01	-448.23	94.00	0.59	0.54	-1.19
	5007.00	10.58	343.67	N/A	465.16	-134.62	4961.33	-465.37	94.00	1.02	-0.55	-4.55
	5102.00	10.63	342.15	N/A	481.87	-139.76	5054.71	-482.08	95.00	0.30	0.05	-1.60
	5196.00	11.25	340.05	N/A	498.74	-145.54	5147.00	-498.96	94.00	0.78	0.66	-2.23
	5291.00	11.18	336.14	N/A	515.87	-152.43	5240.19	-516.11	95.00	0.80	-0.07	-4.12
	5385.00	10.90	333.07	N/A	532.13	-160.14	5332.45	-532.38	94.00	0.69	-0.30	-3.27
	5480.00	10.01	330.32	N/A	547.31	-168.30	5425.87	-547.57	95.00	1.07	-0.94	-2.89
	5574.00	7.10	312.86	N/A	558.36	-176.61	5518.83	-558.64	94.00	4.12	-3.10	-18.57
	5669.00	7.94	283.41	N/A	563.88	-187.30	5613.05	-564.17	95.00	4.10	0.88	-31.00
	5763.00	10.26	251.77	N/A	562.77	-201.57	5705.92	-563.08	94.00	5.77	2.47	-33.66
	5858.00	13.37	212.53	N/A	550.84	-215.54	5799.04	-551.18	95.00	8.86	3.27	-41.31
	5952.00	21.48	203.00	N/A	525.79	-228.13	5888.67	-526.14	94.00	9.12	8.63	-10.14
	6047.00	31.78	189.68	N/A	484.97	-239.17	5973.55	-485.35	95.00	12.47	10.84	-14.02
	6141.00	45.72	188.55	N/A	427.01	-248.39	6046.68	-427.40	94.00	14.85	14.83	-1.20
	6236.00	59.76	188.27	N/A	352.40	-259.40	6104.05	-352.80	95.00	14.78	14.78	-0.29
	6330.00	74.38	186.85	N/A	266.80	-270.70	6140.57	-267.23	94.00	15.61	15.55	-1.51
	6425.00	88.89	181.37	N/A	173.34	-277.33	6154.37	-173.77	95.00	16.30	15.27	-5.77
	6519.00	90.12	180.05	N/A	79.35	-278.50	6155.18	-79.79	94.00	1.92	1.31	-1.40
	6614.00	90.22	179.48	N/A	-15.65	-278.11	6154.90	15.21	95.00	0.61	0.11	-0.60
	6708.00	90.15	178.33	N/A	-109.63	-276.31	6154.60	109.19	94.00	1.23	-0.07	-1.22
	6802.00	89.94	175.57	N/A	-203.49	-271.31	6154.52	203.06	94.00	2.94	-0.22	-2.94
	6897.00	90.00	174.98	N/A	-298.16	-263.48	6154.57	297.75	95.00	0.62	0.06	-0.62
	6992.00	90.22	174.70	N/A	-392.78	-254.94	6154.39	392.38	95.00	0.37	0.23	-0.29
	7086.00	90.22	173.80	N/A	-486.30	-245.52	6154.03	485.92	94.00	0.96	0.00	-0.96
	7180.00	90.25	174.37	N/A	-579.80	-235.84	6153.64	579.43	94.00	0.61	0.03	0.61
	7275.00	90.22	175.80	N/A	-674.45	-227.70	6153.25	674.09	95.00	1.51	-0.03	1.51
	7369.00	90.06	176.24	N/A	-768.22	-221.17	6153.02	767.87	94.00	0.50	-0.17	0.47
	7464.00	90.31	174.93	N/A	-862.94	-213.86	6152.72	862.60	95.00	1.40	0.26	-1.38
	7559.00	90.09	173.95	N/A	-957.49	-204.66	6152.38	957.16	95.00	1.06	-0.23	-1.03
	7654.00	90.18	174.77	N/A	-1052.03	-195.32	6152.16	1051.72	95.00	0.87	0.09	0.86
	7748.00	90.28	176.06	N/A	-1145.72	-187.81	6151.78	1145.43	94.00	1.38	0.11	1.37
	7843.00	90.15	177.08	N/A	-1240.55	-182.12	6151.43	1240.26	95.00	1.08	-0.14	1.07
	7938.00	89.97	177.51	N/A	-1335.44	-177.64	6151.33	1335.16	95.00	0.49	-0.19	0.45
	8032.00	90.03	177.80	N/A	-1429.37	-173.79	6151.33	1429.09	94.00	0.32	0.06	0.31
	8126.00	89.91	179.15	N/A	-1523.33	-171.29	6151.38	1523.06	94.00	1.44	-0.13	1.44
	8221.00	90.15	179.09	N/A	-1618.32	-169.83	6151.33	1618.05	95.00	0.26	0.25	-0.06
	8316.00	90.18	180.29	N/A	-1713.32	-169.32	6151.05	1713.05	95.00	1.26	0.03	1.26
	8410.00	90.00	180.63	N/A	-1807.31	-170.07	6150.91	1807.04	94.00	0.41	-0.19	0.36
	8505.00	90.03	179.58	N/A	-1902.31	-170.25	6150.88	1902.04	95.00	1.11	0.03	-1.11
	8599.00	89.88	177.44	N/A	-1996.27	-167.80	6150.95	1996.01	94.00	2.28	-0.16	-2.28
	8694.00	89.91	176.99	N/A	-2091.16	-163.19	6151.13	2090.90	95.00	0.47	0.03	-0.47
	8789.00	90.03	177.34	N/A	-2186.04	-158.49	6151.18	2185.79	95.00	0.39	0.13	0.37
	8883.00	90.03	177.06	N/A	-2279.93	-153.90	6151.13	2279.69	94.00	0.30	0.00	-0.30
	8978.00	90.03	177.21	N/A	-2374.81	-149.15	6151.08	2374.58	95.00	0.16	0.00	0.16
	9072.00	90.15	176.84	N/A	-2468.69	-144.27	6150.93	2468.46	94.00	0.41	0.13	-0.39
	9167.00	90.09	177.49	N/A	-2563.57	-139.57	6150.73	2563.35	95.00	0.69	-0.06	0.68
	9261.00	89.85	179.20	N/A	-2657.53	-136.86	6150.78	2657.31	94.00	1.84	-0.26	1.82
	9355.00	90.09	181.44	N/A	-2751.52	-137.38	6150.83	2751.30	94.00	2.40	0.26	2.38
	9450.00	90.25	183.47	N/A	-2846.43	-141.45	6150.55	2846.20	95.00	2.14	0.17	2.14
	9544.00	89.91	183.49	N/A	-2940.25	-147.15	6150.42	2940.02	94.00	0.36	-0.36	0.02
	9639.00	90.12	182.89	N/A	-3035.10	-152.44	6150.39	3034.86	95.00	0.67	0.22	-0.63
	9733.00	89.97	182.45	N/A	-3129.00	-156.82	6150.32	3128.75	94.00	0.49	-0.16	-0.47

	9733.00	89.97	182.43	N/A	-3129.30	-130.02	6150.32	3128.73	94.00	0.49	-0.16	-0.47
	9828.00	90.00	181.56	N/A	-3223.94	-160.14	6150.34	3223.69	95.00	0.94	0.03	-0.94
	9922.00	89.85	181.77	N/A	-3317.90	-162.88	6150.47	3317.64	94.00	0.27	-0.16	0.22
	10017.00	90.03	180.94	N/A	-3412.88	-165.12	6150.57	3412.61	95.00	0.89	0.19	-0.87
	10111.00	89.88	180.47	N/A	-3506.87	-166.28	6150.64	3506.60	94.00	0.52	-0.16	-0.50
	10206.00	90.06	178.65	N/A	-3601.86	-165.55	6150.69	3601.60	95.00	1.93	0.19	-1.92
	10300.00	89.88	178.54	N/A	-3695.83	-163.24	6150.74	3695.57	94.00	0.22	-0.19	-0.12
	10395.00	89.97	179.02	N/A	-3790.81	-161.22	6150.86	3790.55	95.00	0.51	0.09	0.51
	10489.00	89.69	173.65	N/A	-3884.58	-155.21	6151.14	3884.34	94.00	5.72	-0.30	-5.71
	10584.00	89.94	166.65	N/A	-3978.13	-138.97	6151.45	3977.90	95.00	7.37	0.26	-7.37
	10678.00	90.18	170.45	N/A	-4070.24	-120.32	6151.35	4070.04	94.00	4.05	0.26	4.04
	10773.00	89.91	175.38	N/A	-4164.48	-108.60	6151.28	4164.31	95.00	5.20	-0.28	5.19
	10867.00	89.88	175.37	N/A	-4258.18	-101.02	6151.45	4258.01	94.00	0.03	-0.03	-0.01
	10961.00	89.88	178.54	N/A	-4352.03	-96.03	6151.65	4351.88	94.00	3.37	0.00	3.37
	11055.00	90.06	179.04	N/A	-4446.01	-94.05	6151.70	4445.86	94.00	0.57	0.19	0.53
	11149.00	90.06	179.06	N/A	-4540.00	-92.49	6151.60	4539.85	94.00	0.02	0.00	0.02
	11244.00	89.97	180.12	N/A	-4634.99	-91.81	6151.57	4634.84	95.00	1.12	-0.09	1.12
	11338.00	89.88	180.60	N/A	-4728.99	-92.40	6151.70	4728.84	94.00	0.52	-0.10	0.51
	11432.00	89.97	180.83	N/A	-4822.98	-93.57	6151.82	4822.83	94.00	0.26	0.10	0.24
	11526.00	89.88	180.17	N/A	-4916.98	-94.39	6151.94	4916.83	94.00	0.71	-0.10	-0.70
	11621.00	89.91	180.40	N/A	-5011.98	-94.86	6152.12	5011.82	95.00	0.24	0.03	0.24
	11715.00	89.97	180.89	N/A	-5105.97	-95.92	6152.21	5105.82	94.00	0.53	0.06	0.52
	11810.00	89.94	180.27	N/A	-5200.97	-96.88	6152.29	5200.81	95.00	0.65	-0.03	-0.65
	11904.00	90.12	179.59	N/A	-5294.97	-96.77	6152.24	5294.81	94.00	0.75	0.19	-0.72
	11999.00	90.09	178.08	N/A	-5389.94	-94.84	6152.07	5389.79	95.00	1.59	-0.03	-1.59
	12093.00	89.97	177.32	N/A	-5483.87	-91.06	6152.02	5483.72	94.00	0.82	-0.13	-0.81
	12188.00	90.15	176.67	N/A	-5578.74	-86.08	6151.92	5578.59	95.00	0.71	0.19	-0.68
	12283.00	89.88	176.18	N/A	-5673.55	-80.16	6151.89	5673.42	95.00	0.59	-0.28	-0.52
	12377.00	89.97	176.79	N/A	-5767.37	-74.40	6152.01	5767.25	94.00	0.66	0.10	0.65
	12472.00	89.97	175.98	N/A	-5862.18	-68.41	6152.06	5862.07	95.00	0.85	0.00	-0.85
	12566.00	90.00	176.36	N/A	-5955.97	-62.13	6152.09	5955.87	94.00	0.41	0.03	0.40
	12661.00	90.15	177.35	N/A	-6050.83	-56.92	6151.96	6050.73	95.00	1.05	0.16	1.04
	12755.00	90.25	177.45	N/A	-6144.73	-52.65	6151.64	6144.64	94.00	0.15	0.11	0.11
	12850.00	90.12	179.70	N/A	-6239.70	-50.29	6151.33	6239.61	95.00	2.37	-0.14	2.37
	12944.00	90.28	179.67	N/A	-6333.69	-49.77	6151.00	6333.61	94.00	0.17	0.17	-0.03
	13039.00	90.15	182.43	N/A	-6428.67	-51.51	6150.65	6428.58	95.00	2.91	-0.14	2.91
	13133.00	90.03	182.37	N/A	-6522.59	-55.45	6150.50	6522.49	94.00	0.14	-0.13	-0.06
	13227.00	90.09	186.92	N/A	-6616.25	-63.06	6150.40	6616.14	94.00	4.84	0.06	4.84
	13322.00	89.94	185.97	N/A	-6710.65	-73.72	6150.37	6710.53	95.00	1.01	-0.16	-1.00
	13416.00	90.06	182.13	N/A	-6804.40	-80.36	6150.37	6804.26	94.00	4.09	0.13	-4.09
	13511.00	90.09	179.66	N/A	-6899.38	-81.85	6150.25	6899.24	95.00	2.60	0.03	-2.60
	13606.00	89.78	181.14	N/A	-6994.37	-82.51	6150.36	6994.24	95.00	1.59	-0.33	1.56
	13700.00	90.03	181.08	N/A	-7088.36	-84.33	6150.51	7088.21	94.00	0.27	0.27	-0.06
	13794.00	89.88	178.98	N/A	-7182.35	-84.38	6150.59	7182.21	94.00	2.24	-0.16	-2.23
	13889.00	89.94	177.26	N/A	-7277.30	-81.26	6150.74	7277.16	95.00	1.81	0.06	-1.81
	13984.00	89.97	180.73	N/A	-7372.27	-79.60	6150.81	7372.13	95.00	3.65	0.03	3.65
	14078.00	89.97	180.00	N/A	-7466.26	-80.20	6150.86	7466.13	94.00	0.78	0.00	-0.78
	14173.00	89.94	177.61	N/A	-7561.24	-78.22	6150.93	7561.10	95.00	2.52	-0.03	-2.52
	14267.00	90.06	176.30	N/A	-7655.10	-73.22	6150.93	7654.98	94.00	1.40	0.13	-1.39
	14362.00	90.00	175.28	N/A	-7749.84	-66.25	6150.89	7749.73	95.00	1.08	-0.06	-1.07
	14456.00	89.85	172.22	N/A	-7843.27	-56.02	6151.01	7843.18	94.00	3.26	-0.16	-3.26
	14551.00	89.78	171.66	N/A	-7937.33	-42.70	6151.31	7937.26	95.00	0.59	-0.07	-0.59
	14645.00	89.85	172.70	N/A	-8030.46	-29.91	6151.62	8030.40	94.00	1.11	0.07	1.11
	14740.00	90.09	174.72	N/A	-8124.88	-19.50	6151.67	8124.84	95.00	2.14	0.25	2.13
	14834.00	90.09	175.26	N/A	-8218.52	-11.29	6151.52	8218.49	94.00	0.57	0.00	0.57
	14929.00	89.97	176.88	N/A	-8313.30	-4.78	6151.47	8313.28	95.00	1.71	-0.13	1.71
	15023.00	89.85	177.16	N/A	-8407.17	0.11	6151.62	8407.16	94.00	0.32	-0.13	0.30
	15118.00	89.97	177.84	N/A	-8502.08	4.25	6151.77	8502.07	95.00	0.73	0.13	0.72
	15212.00	89.85	179.19	N/A	-8596.04	6.69	6151.92	8596.04	94.00	1.44	-0.13	1.44
	15307.00	90.06	179.78	N/A	-8691.04	7.54	6151.99	8691.04	95.00	0.66	0.22	0.62
	15401.00	89.85	180.53	N/A	-8785.04	7.29	6152.06	8785.04	94.00	0.83	-0.22	0.80
	15496.00	89.97	180.77	N/A	-8880.03	6.21	6152.21	8880.03	95.00	0.28	0.13	0.25
	15590.00	89.78	181.15	N/A	-8974.02	4.63	6152.42	8974.01	94.00	0.45	-0.20	0.40
	15685.00	90.09	179.95	N/A	-9069.01	3.72	6152.53	9069.01	95.00	1.30	0.33	-1.26
	15780.00	89.88	180.03	N/A	-9164.01	3.74	6152.55	9164.01	95.00	0.24	-0.22	0.08
	15874.00	89.85	181.60	N/A	-9258.00	2.40	6152.77	9257.99	94.00	1.67	-0.03	1.67
	15969.00	90.18	180.47	N/A	-9352.98	0.69	6152.75	9352.97	95.00	1.24	0.35	-1.19
	16063.00	89.97	179.59	N/A	-9446.98	0.64	6152.62	9446.97	94.00	0.96	-0.22	-0.94
	16157.00	90.06	179.40	N/A	-9540.98	1.47	6152.60	9540.97	94.00	0.22	0.10	-0.20
	16252.00	89.94	180.12	N/A	-9635.98	1.86	6152.60	9635.97	95.00	0.77	-0.13	0.76
	16346.00	90.03	181.22	N/A	-9729.97	0.76	6152.62	9729.96	94.00	1.17	0.10	1.17
	16441.00	89.94	180.32	N/A	-9824.96	-0.51	6152.65	9824.95	95.00	0.95	-0.09	-0.95
	16536.00	89.85	178.44	N/A	-9919.95	0.52	6152.82	9919.94	95.00	1.98	-0.09	-1.98
	16630.00	90.00	177.17	N/A	-10013.88	4.12	6152.95	10013.87	94.00	1.36	0.16	-1.35
	16686.00	89.91	176.46	N/A	-10069.79	7.23	6152.99	10069.79	56.00	1.28	-0.16	-1.27
Projection	16710.00	89.91	176.46	N/A	-10093.74	8.71	6153.03	10093.75	24.00	0.00	0.00	0.00