



# LWD MEMORY LOG

# Gamma Ray

Scale:		Company: Noble Energy				
1:1200 TVD		Well: Wells Ranch State AA33-790				
Depth Reference:		Field: Weld County				
Driller's Depth		County: Weld				
Status:		State: Colorado				
Final Print		Block: 1				
API No: 05123438760000		Country: United States				
Job ID: 8391832		Wellbore Survey				
Permanent Datum (P.D.): Ground Level		Elevation: 4701.00 ft				
Log Measured From: Rig Floor		Above P.D. 30.00 ft				
Elev. KB: N/A		Elev. DF: 4731.00 ft				
Elev. GL: 4701.00 ft						
Dates		Interval Logged				
Date From: 2017-03-14		Top: (ft) 1917.00				
Date To: 2017-03-16		Bottom: (ft) 16763.00				
Spud Date: 2017-03-12		Azi Reference North: Grid				
		Total Magnetic Field Strength: (nT) 52335				
		Mag to Reference North Correction: (deg) 7.25 E				
Borehole Record		Casing Record				
Hole Size (in)	From (ft)	To (ft)	Size (in)	Weight (lb/ft)	From (ft)	To (ft)
13.250	30.00	1930.00	9.625	36.00	30.00	1920.00
8.500	1930.00	16756.00				

"These interpretations and analyses ("Interpretations") are opinions provided by Baker Hughes Oilfield Operations, Inc ("Baker Hughes"), based upon industry practice, empirical relationships, assumptions and measurements, (many of which may be provided by the customer). The Interpretations are not infallible and may be subject to different opinions.

Vjwu. "Dcmgt"JwiJgu"fggu"pqv"ycttcpv"vjgkt"ceewtce{. "eqttgevpguu. "qt"eqorngvgpguu. "qt"vjcv"vjg"ewuvqogtøu"cpflqt"cp{" "vjktf"rctv{øu"tgnkcpeg"qp"uwej"Kpvgtrtgvcvkqpu"yknn"ceeqornkuj"cp{"rctvkewnct"tguwnvu0"Vjg"ewuvqogt"cuuwogu"hwnn"

responsibility for the use of the Interpretations and for decisions based thereon and the customer agrees to release, defend and indemnify Baker Hughes, its parent, subsidiaries and affiliated or related entities, and subcontractors, together with its and their officers, directors, employees, agents and invitees against, any and all claims, losses, damages, or expenses sustained by the customer or any third party arising out of reliance upon or use of the Interpretations, without regard to the cause(s) thereof, including without limitation any form of negligence on the part of Baker Hughes. Unless other contract terms have been agreed to by the parties, each party's liabilities and qdnkicvkqpu"ujcnn"dg"iqxgtpgf"d{"Dcmgt"JwiJgu"Kpeqtrqtcvgføu"Yqtnfykfg"Vgtou"cpf"Eqpfkvkqpu0\$""

## Log Run Summary

Run No	Bit Run No.	Bit Size  (in)	Bit Type	Bit Gauge Length  (in)	Assembly Type	Logged Interval		Bit Depth Interval		Date / Time		Circ. Hours  (h)
						Top	Bottom	From	To	Start Logging	End Logging	
						(ft)	(ft)	(ft)	(ft)			
1	1	8.500	PDC	2.00	AutoTrak Curve	1917.00	16751.00	1930.00	16763.00	2017-03-13 21:50	2017-03-16 11:54	53.36

## Crew

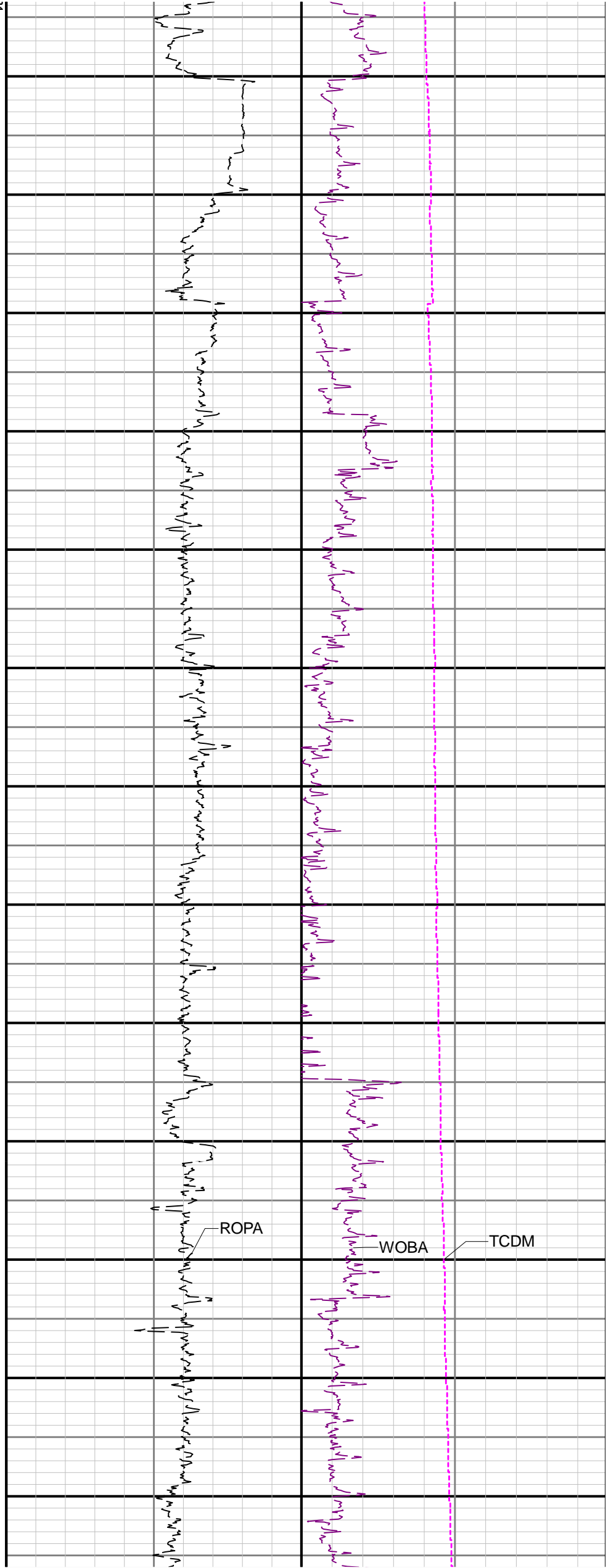
Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
David Browning	2017-03-12	2017-03-16	Steven Cano	2017-03-12	2017-03-16	David Gibbs	2017-03-14	2017-03-16

## Mud Properties Record

Date / Time	Run No.	Measured Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2017-03-13 04:52	1	1930.00	Oil Based Mud	9.1	10	N/A	16.0	84.1/15.9	Active Pit	22000	0.00
2017-03-15 11:50	1	10734.60	Oil Based Mud	9.1	9	N/A	15.0	84.6/15.4	Active Pit	25500	0.00
2017-03-16 11:00	1	16532.99	Oil Based Mud	9.2	12	N/A	15.0	84/16	Active Pit	22500	0.00

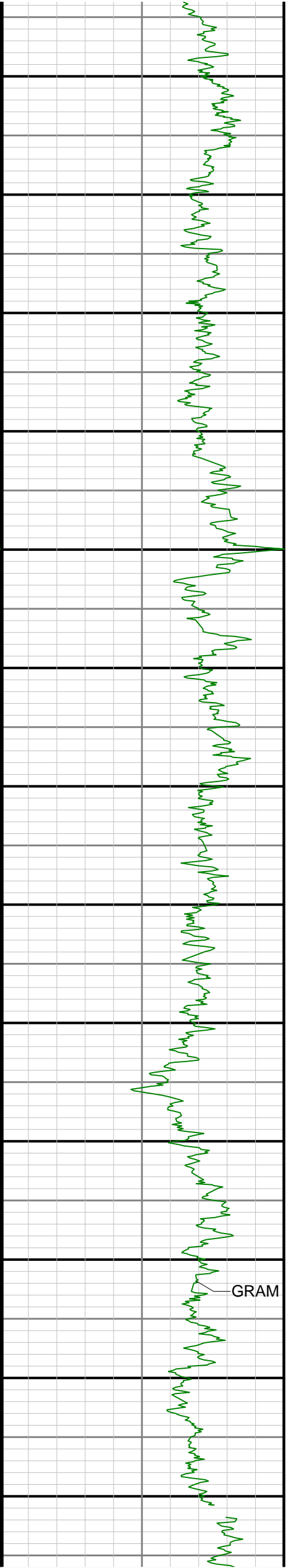
## Equipment and Service Data

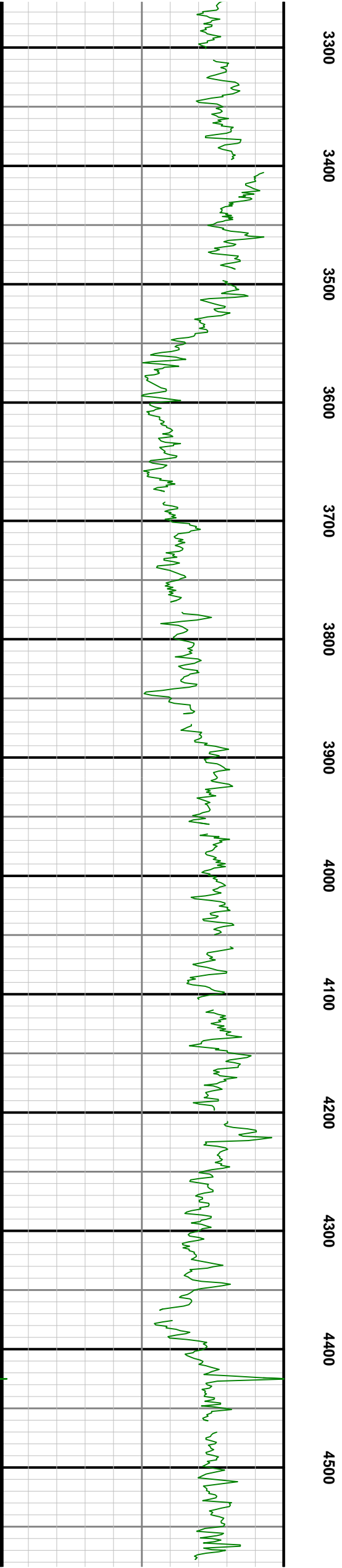
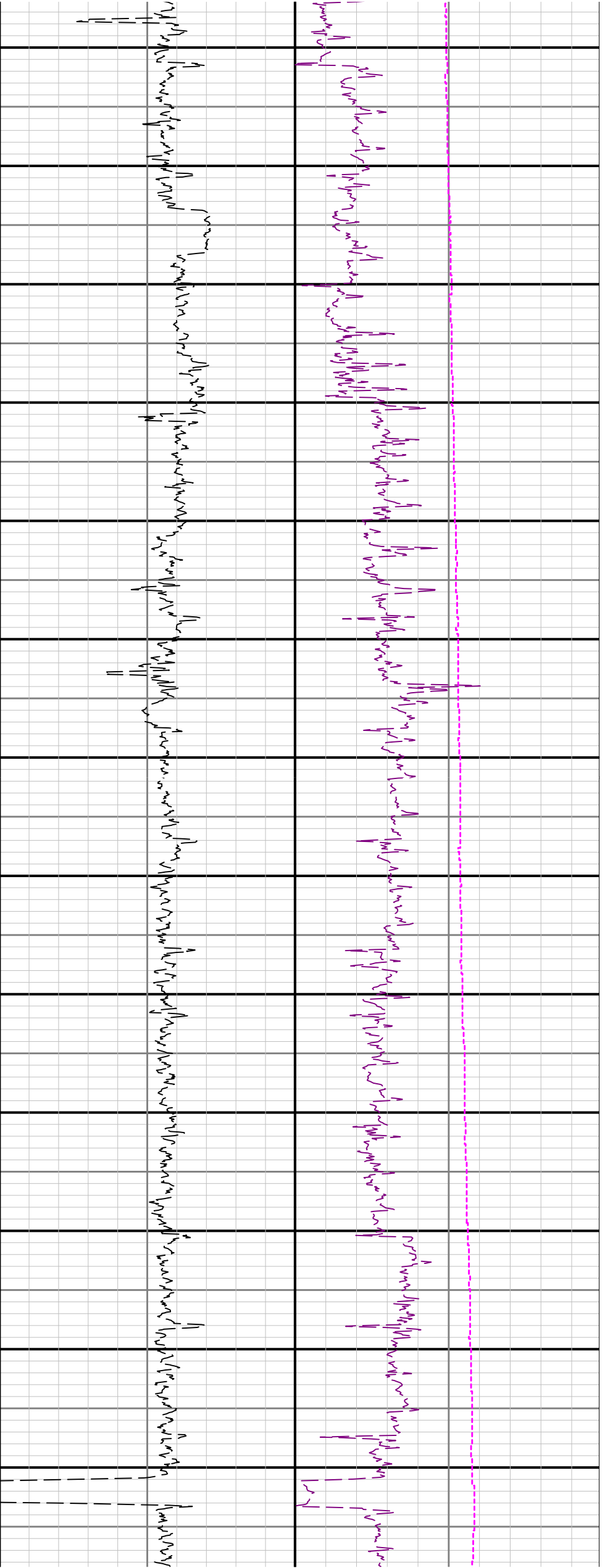


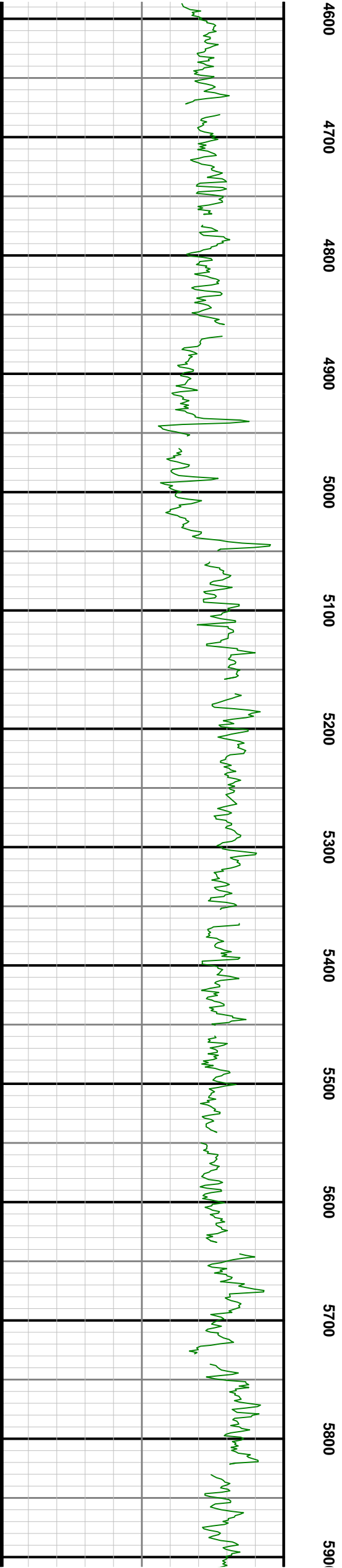
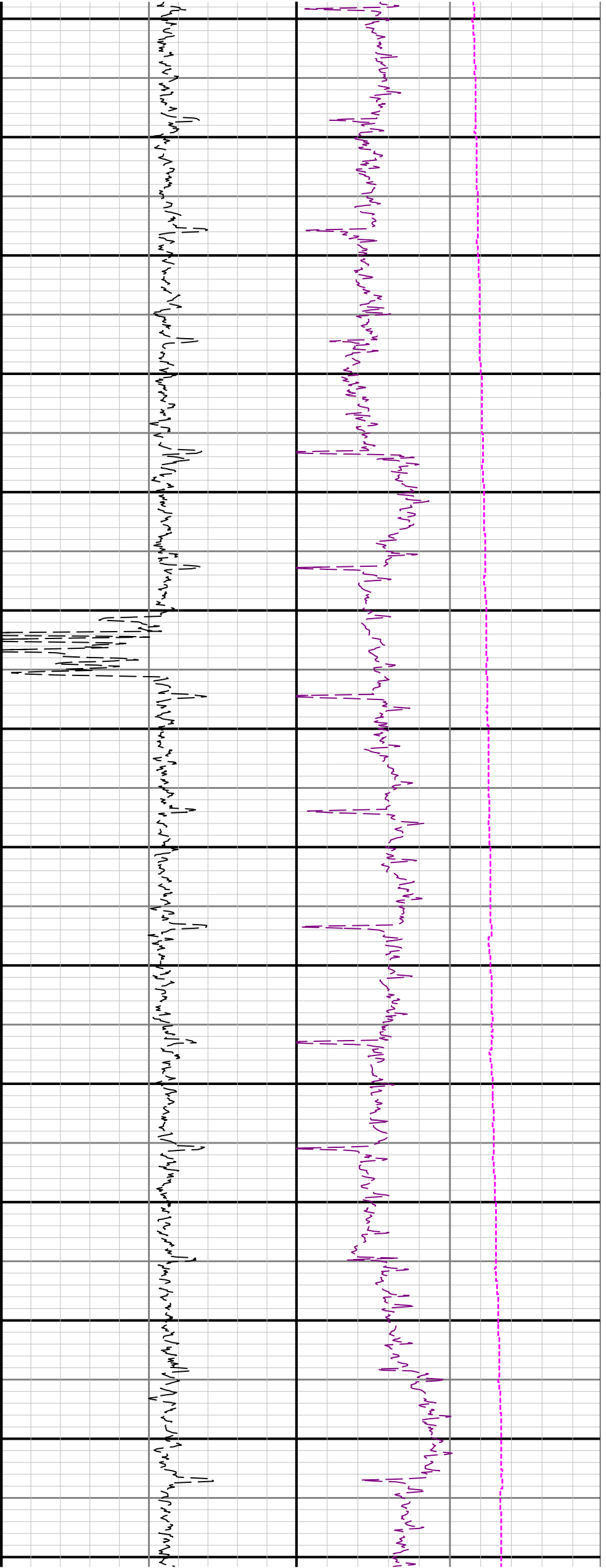


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2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200









	925.00	0.21	218.21	N/A	-1.88	-4.16	924.98	2.19	94.00	0.39	-0.38	-14.18
	1020.00	0.31	205.36	N/A	-2.25	-4.38	1019.98	2.57	95.00	0.12	0.11	-13.53
	1114.00	0.32	223.90	N/A	-2.67	-4.67	1113.98	3.01	94.00	0.11	0.01	19.72
	1209.00	0.26	222.69	N/A	-3.02	-5.00	1208.98	3.39	95.00	0.06	-0.06	-1.27
	1304.00	0.33	228.09	N/A	-3.36	-5.35	1303.98	3.75	95.00	0.08	0.07	5.68
	1398.00	0.30	239.29	N/A	-3.67	-5.76	1397.98	4.09	94.00	0.07	-0.03	11.91
	1493.00	0.35	247.15	N/A	-3.91	-6.25	1492.98	4.36	95.00	0.07	0.05	8.27
	1588.00	0.28	252.42	N/A	-4.09	-6.73	1587.98	4.58	95.00	0.08	-0.07	5.55
	1682.00	0.22	24.38	N/A	-3.99	-6.88	1681.98	4.50	94.00	0.49	-0.06	140.38
	1776.00	0.05	40.88	N/A	-3.80	-6.78	1775.97	4.30	94.00	0.18	-0.18	17.55
	1870.00	0.16	125.61	N/A	-3.84	-6.64	1869.97	4.33	94.00	0.17	0.12	90.14
	1899.00	0.22	131.93	N/A	-3.91	-6.57	1898.97	4.39	29.00	0.22	0.21	21.79
	1980.00	0.59	197.21	N/A	-4.41	-6.58	1979.97	4.89	81.00	0.66	0.46	80.59
	2074.00	2.94	250.97	N/A	-5.66	-9.00	2073.92	6.31	94.00	2.80	2.50	57.19
	2169.00	5.29	261.28	N/A	-7.11	-15.63	2168.67	8.26	95.00	2.58	2.47	10.85
	2263.00	6.44	266.08	N/A	-8.13	-25.17	2262.18	9.99	94.00	1.33	1.22	5.11
	2358.00	6.40	270.76	N/A	-8.43	-35.78	2356.59	11.08	95.00	0.55	-0.04	4.93
	2453.00	7.30	273.65	N/A	-7.97	-47.10	2450.91	11.47	95.00	1.01	0.95	3.04
	2547.00	7.81	275.98	N/A	-6.93	-59.41	2544.09	11.35	94.00	0.63	0.54	2.48
	2641.00	8.15	272.72	N/A	-5.94	-72.42	2637.18	11.35	94.00	0.60	0.36	-3.47
	2736.00	8.80	269.82	N/A	-5.65	-86.42	2731.14	12.10	95.00	0.82	0.68	-3.05
	2830.00	9.16	268.39	N/A	-5.88	-101.08	2823.99	13.43	94.00	0.45	0.38	-1.52
	2925.00	9.23	268.62	N/A	-6.28	-116.26	2917.77	14.96	95.00	0.08	0.07	0.24
	3019.00	9.26	269.30	N/A	-6.55	-131.36	3010.55	16.36	94.00	0.12	0.03	0.72
	3114.00	9.24	269.18	N/A	-6.75	-146.63	3104.31	17.70	95.00	0.03	-0.02	-0.13
	3209.00	9.13	273.10	N/A	-6.45	-161.78	3198.10	18.54	95.00	0.67	-0.12	4.13
	3303.00	9.23	281.73	N/A	-4.52	-176.61	3290.90	17.72	94.00	1.47	0.11	9.18
	3398.00	9.19	290.17	N/A	-0.35	-191.19	3384.68	14.65	95.00	1.42	-0.04	8.88
	3492.00	9.35	293.07	N/A	5.23	-205.26	3477.45	10.14	94.00	0.53	0.17	3.09
	3586.00	9.45	288.88	N/A	10.72	-219.59	3570.19	5.74	94.00	0.74	0.11	-4.46
	3681.00	9.38	272.25	N/A	13.54	-234.71	3663.93	4.05	95.00	2.85	-0.07	-17.51
	3775.00	9.39	268.49	N/A	13.64	-250.03	3756.67	5.10	94.00	0.65	0.01	-4.00
	3870.00	9.72	268.57	N/A	13.24	-265.79	3850.35	6.68	95.00	0.35	0.35	0.08
	3964.00	9.80	270.15	N/A	13.06	-281.72	3942.99	8.05	94.00	0.30	0.09	1.68
	4059.00	9.67	270.56	N/A	13.16	-297.79	4036.62	9.15	95.00	0.16	-0.14	0.43
	4153.00	9.65	270.92	N/A	13.36	-313.56	4129.29	10.13	94.00	0.07	-0.02	0.38
	4248.00	9.80	272.36	N/A	13.82	-329.60	4222.93	10.87	95.00	0.30	0.16	1.52
	4342.00	9.56	272.90	N/A	14.55	-345.39	4315.59	11.33	94.00	0.27	-0.26	0.57
	4437.00	9.79	272.12	N/A	15.25	-361.34	4409.24	11.83	95.00	0.28	0.24	-0.82
	4531.00	9.69	271.10	N/A	15.69	-377.23	4501.88	12.57	94.00	0.21	-0.11	-1.09
	4626.00	9.64	270.12	N/A	15.86	-393.18	4595.53	13.59	95.00	0.18	-0.05	-1.03
	4721.00	9.70	266.75	N/A	15.43	-409.13	4689.18	15.22	95.00	0.60	0.06	-3.55
	4815.00	9.43	266.22	N/A	14.47	-424.72	4781.88	17.34	94.00	0.30	-0.29	-0.56
	4910.00	9.60	269.97	N/A	13.95	-440.40	4875.57	19.03	95.00	0.68	0.18	3.95
	5004.00	9.81	273.17	N/A	14.39	-456.24	4968.23	19.78	94.00	0.62	0.22	3.40
	5099.00	9.56	272.61	N/A	15.20	-472.20	5061.87	20.17	95.00	0.28	-0.26	-0.59
	5194.00	9.49	274.06	N/A	16.11	-487.89	5155.56	20.43	95.00	0.26	-0.07	1.53
	5288.00	9.49	274.34	N/A	17.25	-503.35	5248.28	20.45	94.00	0.05	0.00	0.30
	5383.00	9.42	271.94	N/A	18.10	-518.93	5341.99	20.76	95.00	0.42	-0.07	-2.53
	5477.00	9.31	268.04	N/A	18.10	-534.21	5434.73	21.91	94.00	0.69	-0.12	-4.15
	5572.00	9.34	267.25	N/A	17.47	-549.59	5528.48	23.69	95.00	0.14	0.03	-0.83
	5666.00	9.38	266.82	N/A	16.68	-564.86	5621.23	25.62	94.00	0.09	0.04	-0.46
	5761.00	9.26	265.93	N/A	15.71	-580.21	5714.97	27.74	95.00	0.20	-0.13	-0.94
	5856.00	9.34	264.15	N/A	14.38	-595.51	5808.72	30.21	95.00	0.31	0.08	-1.87
	5950.00	9.36	262.61	N/A	12.62	-610.68	5901.48	33.10	94.00	0.27	0.02	-1.64
	6045.00	11.16	261.51	N/A	10.27	-627.43	5994.95	36.69	95.00	1.91	1.89	-1.16
	6139.00	17.54	230.67	N/A	-0.08	-647.43	6086.10	48.51	94.00	10.37	6.79	-32.81
	6234.00	22.70	207.17	N/A	-25.52	-666.92	6175.42	75.33	95.00	9.99	5.43	-24.74
	6329.00	26.37	187.78	N/A	-62.80	-678.17	6261.96	113.35	95.00	9.26	3.86	-20.41
	6423.00	32.94	185.36	N/A	-108.98	-683.39	6343.61	159.80	94.00	7.10	6.99	-2.57
	6518.00	43.04	188.92	N/A	-166.88	-690.85	6418.39	218.09	95.00	10.88	10.63	3.75
	6613.00	53.14	192.24	N/A	-236.24	-703.97	6481.78	288.24	95.00	10.94	10.63	3.49
	6707.00	62.82	193.05	N/A	-313.91	-721.42	6531.56	366.99	94.00	10.32	10.30	0.86
	6802.00	69.15	184.09	N/A	-399.58	-734.17	6570.27	453.38	95.00	10.88	6.66	-9.43
	6896.00	73.03	178.53	N/A	-488.42	-736.15	6600.75	542.12	94.00	6.95	4.13	-5.91
	6990.00	79.28	177.20	N/A	-579.58	-732.73	6623.23	632.77	94.00	6.79	6.65	-1.41
	7085.00	88.03	177.20	N/A	-673.79	-728.13	6633.72	726.37	95.00	9.21	9.21	0.00
	7179.00	89.05	177.29	N/A	-767.65	-723.61	6636.11	819.63	94.00	1.09	1.09	0.10
	7274.00	88.92	177.26	N/A	-862.53	-719.09	6637.80	913.91	95.00	0.14	-0.14	-0.03
	7368.00	90.18	178.59	N/A	-956.46	-715.69	6638.54	1007.32	94.00	1.95	1.34	1.41
	7463.00	89.91	180.14	N/A	-1051.45	-714.64	6638.46	1101.97	95.00	1.66	-0.28	1.63
	7558.00	90.25	179.91	N/A	-1146.45	-714.68	6638.33	1196.70	95.00	0.43	0.36	-0.24
	7652.00	90.03	179.47	N/A	-1240.45	-714.17	6638.10	1290.40	94.00	0.52	-0.23	-0.47
	7747.00	90.15	179.35	N/A	-1335.45	-713.19	6637.95	1385.06	95.00	0.18	0.13	-0.13
	7842.00	90.12	179.88	N/A	-1430.44	-712.55	6637.73	1479.74	95.00	0.56	-0.03	0.56
	7936.00	90.18	179.82	N/A	-1524.44	-712.31	6637.48	1573.46	94.00	0.09	0.06	-0.06
	8031.00	90.12	180.77	N/A	-1619.44	-712.80	6637.23	1668.22	95.00	1.00	-0.06	1.00
	8125.00	90.37	182.05	N/A	-1713.41	-715.11	6636.83	1762.10	94.00	1.39	0.27	1.36
	8220.00	90.28	181.51	N/A	-1808.36	-718.06	6636.29	1857.01	95.00	0.58	-0.09	-0.57
	8315.00	90.34	181.51	N/A	-1903.33	-720.56	6635.78	1951.90	95.00	0.06	0.06	0.00
	8409.00	90.34	181.45	N/A	-1997.29	-722.99	6635.22	2045.78	94.00	0.06	0.00	-0.06
	8503.00	90.37	181.23	N/A	-2091.27	-725.19	6634.64	2139.66	94.00	0.24	0.03	-0.23
	8598.00	90.09	181.16	N/A	-2186.25	-727.17	6634.25	2234.52	95.00	0.30	-0.29	-0.07
	8692.00	90.15	181.10	N/A	-2280.23	-729.03	6634.06	2328.37	94.00	0.09	0.06	-0.06
	8787.00	89.91	180.72	N/A	-2375.21	-730.53	6634.01	2423.21	95.00	0.47	-0.25	-0.40
	8881.00	89.91	177.93	N/A	-2469.20	-729.43	6634.16	2516.85	94.00	2.97	0.00	-2.97
	8976.00	90.09	176.81	N/A	-2564.10	-725.07	6634.16	2611.15	95.00	1.19	0.19	-1.18
	9071.00	89.82	177.11	N/A	-2658.96	-720.03	6634.23	2705.38	95.00	0.42	-0.28	0.32

	9164.00	90.15	177.50	N/A	-2751.86	-715.66	6634.25	2797.68	93.00	0.55	0.35	0.42
	9259.00	89.94	178.15	N/A	-2846.79	-712.05	6634.18	2892.08	95.00	0.72	-0.22	0.68
	9353.00	90.25	179.19	N/A	-2940.76	-709.87	6634.02	2985.63	94.00	1.15	0.33	1.11
	9448.00	90.03	180.27	N/A	-3035.76	-709.42	6633.79	3080.32	95.00	1.16	-0.23	1.14
	9542.00	90.12	180.73	N/A	-3129.76	-710.24	6633.67	3174.12	94.00	0.50	0.10	0.49
	9637.00	90.00	180.20	N/A	-3224.75	-711.01	6633.57	3268.91	95.00	0.57	-0.13	-0.56
	9732.00	90.22	180.03	N/A	-3319.75	-711.20	6633.39	3363.65	95.00	0.29	0.23	-0.18
	9826.00	90.06	180.91	N/A	-3413.75	-711.98	6633.16	3457.44	94.00	0.95	-0.17	0.94
	9921.00	90.03	181.97	N/A	-3508.72	-714.36	6633.08	3552.32	95.00	1.12	-0.03	1.12
	10016.00	90.12	183.13	N/A	-3603.62	-718.59	6632.96	3647.28	95.00	1.22	0.09	1.22
	10110.00	89.88	182.76	N/A	-3697.50	-723.42	6632.96	3741.25	94.00	0.47	-0.26	-0.39
	10205.00	90.03	182.27	N/A	-3792.41	-727.59	6633.03	3836.21	95.00	0.54	0.16	-0.52
	10299.00	89.85	181.91	N/A	-3886.34	-731.02	6633.13	3930.14	94.00	0.43	-0.19	-0.38
	10394.00	89.97	181.54	N/A	-3981.30	-733.88	6633.28	4025.04	95.00	0.41	0.13	-0.39
	10488.00	90.09	181.43	N/A	-4075.27	-736.31	6633.23	4118.93	94.00	0.17	0.13	-0.12
	10583.00	90.09	180.84	N/A	-4170.25	-738.19	6633.08	4213.79	95.00	0.62	0.00	-0.62
	10677.00	89.97	180.33	N/A	-4264.24	-739.15	6633.03	4307.59	94.00	0.56	-0.13	-0.54
	10771.00	89.97	180.67	N/A	-4358.24	-739.97	6633.08	4401.38	94.00	0.36	0.00	0.36
	10867.00	89.97	177.83	N/A	-4454.22	-738.72	6633.13	4497.00	96.00	2.96	0.00	-2.96
	10961.00	90.06	179.29	N/A	-4548.19	-736.35	6633.11	4590.53	94.00	1.56	0.10	1.55
	11055.00	90.00	177.32	N/A	-4642.14	-733.57	6633.06	4684.01	94.00	2.10	-0.06	-2.10
	11150.00	90.31	177.72	N/A	-4737.05	-729.46	6632.80	4778.35	95.00	0.53	0.33	0.42
	11245.00	90.06	177.90	N/A	-4831.98	-725.83	6632.49	4872.74	95.00	0.32	-0.26	0.19
	11339.00	90.15	181.90	N/A	-4925.96	-725.67	6632.32	4966.45	94.00	4.26	0.10	4.26
	11434.00	90.12	185.25	N/A	-5020.77	-731.59	6632.10	5061.43	95.00	3.53	-0.03	3.53
	11529.00	90.22	184.32	N/A	-5115.43	-739.52	6631.82	5156.42	95.00	0.98	0.11	-0.98
	11623.00	90.12	182.62	N/A	-5209.26	-745.21	6631.54	5250.41	94.00	1.81	-0.11	-1.81
	11717.00	90.18	180.67	N/A	-5303.21	-747.90	6631.29	5344.30	94.00	2.08	0.06	-2.07
	11812.00	90.06	178.32	N/A	-5398.20	-747.07	6631.09	5438.96	95.00	2.48	-0.13	-2.47
	11907.00	90.25	177.10	N/A	-5493.13	-743.27	6630.84	5533.33	95.00	1.30	0.20	-1.28
	12001.00	90.25	174.97	N/A	-5586.89	-736.77	6630.43	5626.35	94.00	2.27	0.00	-2.27
	12096.00	90.03	175.38	N/A	-5681.56	-728.78	6630.19	5720.15	95.00	0.49	-0.23	0.43
	12190.00	90.18	176.54	N/A	-5775.32	-722.16	6630.02	5813.16	94.00	1.24	0.16	1.23
	12285.00	90.25	178.68	N/A	-5870.23	-718.20	6629.66	5907.51	95.00	2.25	0.07	2.25
	12379.00	90.03	180.71	N/A	-5964.23	-717.70	6629.43	6001.20	94.00	2.17	-0.23	2.16
	12474.00	90.25	184.02	N/A	-6059.13	-721.62	6629.20	6096.14	95.00	3.49	0.23	3.48
	12568.00	90.06	185.40	N/A	-6152.81	-729.33	6628.95	6190.13	94.00	1.48	-0.20	1.47
	12663.00	90.22	182.73	N/A	-6247.56	-736.07	6628.72	6285.12	95.00	2.82	0.17	-2.81
	12758.00	90.09	181.67	N/A	-6342.49	-739.72	6628.46	6380.06	95.00	1.12	-0.14	-1.12
	12852.00	90.22	181.74	N/A	-6436.45	-742.51	6628.20	6473.96	94.00	0.16	0.14	0.07
	12947.00	90.06	183.92	N/A	-6531.33	-747.20	6627.97	6568.92	95.00	2.30	-0.17	2.29
	13041.00	90.12	181.89	N/A	-6625.20	-751.97	6627.82	6662.89	94.00	2.16	0.06	-2.16
	13135.00	90.15	182.25	N/A	-6719.14	-755.36	6627.60	6756.82	94.00	0.38	0.03	0.38
	13230.00	89.97	178.93	N/A	-6814.12	-756.34	6627.50	6851.61	95.00	3.50	-0.19	-3.49
	13419.00	90.03	172.15	N/A	-7002.44	-741.65	6627.50	7038.30	189.00	3.59	0.03	-3.59
	13514.00	90.09	173.89	N/A	-7096.73	-730.11	6627.40	7131.46	95.00	1.83	0.06	1.83
	13609.00	90.22	176.65	N/A	-7191.40	-722.27	6627.15	7225.28	95.00	2.91	0.14	2.91
	13703.00	90.00	178.76	N/A	-7285.32	-718.51	6626.97	7318.65	94.00	2.26	-0.23	2.24
	13798.00	90.28	181.18	N/A	-7380.31	-718.46	6626.73	7413.38	95.00	2.56	0.29	2.55
	13892.00	90.52	182.57	N/A	-7474.26	-721.54	6626.08	7507.29	94.00	1.50	0.26	1.48
	13986.00	90.49	183.29	N/A	-7568.13	-726.34	6625.25	7601.26	94.00	0.77	-0.03	0.77
	14081.00	90.55	182.35	N/A	-7663.01	-731.01	6624.39	7696.22	95.00	0.99	0.06	-0.99
	14175.00	90.46	183.12	N/A	-7756.90	-735.50	6623.56	7790.18	94.00	0.82	-0.10	0.82
	14270.00	90.55	183.59	N/A	-7851.73	-741.06	6622.72	7885.17	95.00	0.50	0.09	0.49
	14459.00	90.12	181.77	N/A	-8040.51	-749.89	6621.62	8074.08	189.00	0.99	-0.23	-0.96
	14554.00	90.03	179.85	N/A	-8135.50	-751.24	6621.49	8168.90	95.00	2.02	-0.09	-2.02
	14648.00	90.12	178.32	N/A	-8229.48	-749.74	6621.37	8262.51	94.00	1.63	0.10	-1.63
	14743.00	89.97	177.36	N/A	-8324.41	-746.16	6621.29	8356.91	95.00	1.02	-0.16	-1.01
	14838.00	90.15	177.65	N/A	-8419.32	-742.02	6621.20	8451.24	95.00	0.36	0.19	0.31
	14932.00	90.06	179.00	N/A	-8513.28	-739.27	6621.02	8544.73	94.00	1.44	-0.10	1.44
	15027.00	90.28	180.61	N/A	-8608.28	-738.95	6620.74	8639.44	95.00	1.71	0.23	1.69
	15122.00	90.06	182.43	N/A	-8703.24	-741.47	6620.46	8734.32	95.00	1.93	-0.23	1.92
	15216.00	90.06	183.21	N/A	-8797.12	-746.09	6620.36	8828.29	94.00	0.83	0.00	0.83
	15311.00	90.25	183.26	N/A	-8891.97	-751.45	6620.10	8923.27	95.00	0.21	0.20	0.05
	15406.00	90.22	182.82	N/A	-8986.84	-756.49	6619.71	9018.25	95.00	0.46	-0.03	-0.46
	15500.00	90.12	181.42	N/A	-9080.77	-759.97	6619.44	9112.18	94.00	1.49	-0.11	-1.49
	15595.00	90.28	180.50	N/A	-9175.76	-761.56	6619.10	9207.02	95.00	0.98	0.17	-0.97
	15690.00	90.12	179.63	N/A	-9270.75	-761.67	6618.77	9301.76	95.00	0.93	-0.17	-0.92
	15784.00	90.12	178.00	N/A	-9364.73	-759.73	6618.58	9395.32	94.00	1.73	0.00	-1.73
	15879.00	90.28	177.56	N/A	-9459.66	-756.05	6618.24	9489.71	95.00	0.49	0.17	-0.46
	15973.00	90.00	177.81	N/A	-9553.58	-752.25	6618.01	9583.09	94.00	0.40	-0.30	0.27
	16068.00	90.22	178.82	N/A	-9648.54	-749.46	6617.83	9677.57	95.00	1.09	0.23	1.06
	16163.00	90.15	179.50	N/A	-9743.53	-748.06	6617.52	9772.19	95.00	0.72	-0.07	0.72
	16351.00	90.22	178.93	N/A	-9931.51	-745.49	6616.92	9959.45	188.00	0.31	0.04	-0.30
	16446.00	90.22	179.30	N/A	-10026.50	-744.02	6616.55	10054.06	95.00	0.39	0.00	0.39
	16540.00	90.00	179.04	N/A	-10120.49	-742.66	6616.37	10147.68	94.00	0.36	-0.23	-0.28
	16635.00	90.25	179.26	N/A	-10215.48	-741.25	6616.17	10242.30	95.00	0.35	0.26	0.23
	16730.00	90.03	179.37	N/A	-10310.47	-740.11	6615.93	10336.94	95.00	0.26	-0.23	0.12
Projection	16763.00	90.03	179.37	N/A	-10343.47	-739.75	6615.92	10369.82	33.00	0.00	0.00	0.00