



CNX



Borehole: <b>Original Borehole</b>	Well: <b>OXF-13D-HS</b>	Field: <b>WV Doddridge Co (NAD 27)</b>	Structure: <b>Patterson 805</b>
Gravity & Magnetic Parameters Model: <b>HDOM 2015</b> Dip: <b>64.63°</b> Date: <b>04-Jul-2015</b> MagDec: <b>-7.79°</b> FS: <b>83236.632mT</b> Gravity FS: <b>999.501mgn (9.80665 Based)</b>	Surface Location NAD27 West Virginia State Plane, Northern Zone, US Feet Lat: <b>N 39 10 7.33</b> Northing: <b>24612.119US</b> Grid Conv: <b>-0.7856"</b> Lon: <b>W 80 44 51.54</b> Easting: <b>1646231.379US</b> Scale Fact: <b>0.9997239</b>	Miscellaneous Slot: <b>OXF-13D-HS</b> TVD Ref: <b>KB(1191.11ft above MSL)</b> Plan: <b>CNX OXF-13D-HS Rev1 SLS 20Jul16</b>	

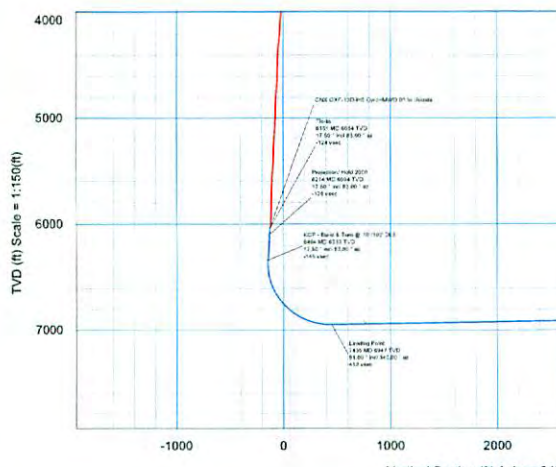
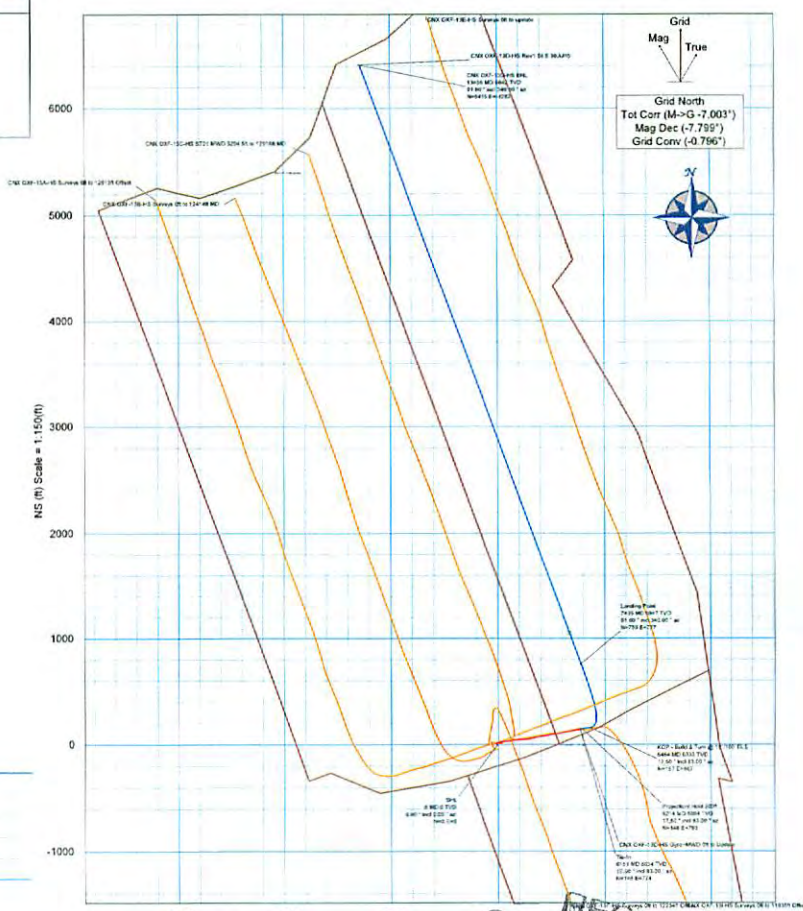
Target Description	Section	Orientation	Latitude	Longitude	Northing	Easting	TVD	Vloc	ICPSG1	ICPSG2
OXF-13D-HS-13D-HS	Platino	N/A	N 39 10 7.33	W 80 44 51.54	24612.11	1646231.38	119.11	0.09	6.36	6.36
OXF-13D-HS-13D-HS	Platino	N/A	N 39 10 7.33	W 80 44 51.54	24612.11	1646231.38	119.11	0.09	6.36	6.36
OXF-13D-HS-13D-HS	Platino	N/A	N 39 10 7.33	W 80 44 51.54	24612.11	1646231.38	119.11	0.09	6.36	6.36
OXF-13D-HS-13D-HS	Platino	N/A	N 39 10 7.33	W 80 44 51.54	24612.11	1646231.38	119.11	0.09	6.36	6.36
OXF-13D-HS-13D-HS	Platino	N/A	N 39 10 7.33	W 80 44 51.54	24612.11	1646231.38	119.11	0.09	6.36	6.36

Critical Point	ICD	INCL	AZIM	TVD	VSEC	ICPSG1	ICPSG2	DLB
Top	1190.00	17.00	93.00	604.00	121.00	141.54	773.34	
Top of Hole 200'	610.00	17.00	93.00	604.00	121.00	141.54	773.34	0.00
Top of Hole 100'	510.00	17.00	93.00	604.00	121.00	141.54	773.34	0.00
Landmark Point	1434.44	91.00	349.00	604.00	400.00	376.61	776.81	49.00
OXF-13D-HS-BRL	1389.64	91.00	349.00	604.00	397.04	374.14	774.14	0.00

FAIT	Seq	Survey Tool	Vendor/Type	Head Size (in)	SRP Rate (in/hr)	MD Rate (in/hr)	MD To (ft)	Survey Frequency (Hz)	SRP Rate (ft/min)	MD Rate (ft/min)	Comments/Condition
1	1	SLS_NGSDH0707070707070707	CNC	11.6	33.375	0	29	Act Slow	0.73	0.73	
1	2	SLS_NGSDH0707070707070707	CNC	11.6	33.375	29	6900	Act Slow	0.41	1.13	
1	3	SLS_NGSDH0707070707070707	CNC	11.6	33.375	1090	2704.5	Act Slow	0.16	0.90	
1	4	SLS_NGSDH0707070707070707	CNC	11.6	33.375	1704.5	3900	Act Slow	0.28	0.94	
1	5	SLS_NGSDH0707070707070707	CNC	8.75	8.8	3800	8105.5	Act Slow	21.87	9.93	
1	6	SLS_NGSDH0707070707070707	CNC	8.5	8.5	8105.5	10454.04	1998	177.28	17.63	

From/To	To/To	Action
1190.00	6450.00	Drill Target
1190.00	6450.00	Maximum Az 30.00°
6450.00	7200.00	From 9004.00 N TO 9102.00 N 4 TVD
7200.00	7200.00	Curve 18.30°/100'
7200.00	7200.00	From Az 12.00° to 31.00°
7200.00	7200.00	From Az 31.00° to 34.24°
7200.00	7200.00	From 9102.00 N TO 9102.00 N 4 TVD
7200.00	7200.00	Drill Target
7200.00	7200.00	Maximum Az 34.24°
7200.00	7200.00	From 9102.00 N TO 9102.00 N 4 TVD
7200.00	7200.00	From Az 34.24° to 34.24°
7200.00	7200.00	From 9102.00 N TO 9102.00 N 4 TVD
7200.00	7200.00	Drill Target
7200.00	7200.00	Maximum Az 34.24°
7200.00	7200.00	From 9102.00 N TO 9102.00 N 4 TVD

Tool	Rate	Condition
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow
CNC OXF-13D-HS-13D-HS	11.6	Act Slow



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Vertical Section (ft) Azim = 340.28° Scale = 1:150(ft) Origin = 0N-S, 0E-W

ACTUAL WELLPATH REPORT (CSV version)

Survey Date:

Customer: Consol Energy

Job:

Well: OXFD13DHS

Field: Marcellus Shale

Rig: Patterson / UTI # 805

Location: Doddridge Co. WV

MD	INC	AZI	TVD	CL	SECT	RCN	RCE	CLDIST	CLDIR	DLS	TEMP
feet	deg	deg	feet	feet	feet	feet	feet	feet	deg	deg/100ft	F
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	224.15	-999.25	
104.50	0.65	267.78	104.49	104.50	0.18	-0.03	-0.60	0.60	267.38	0.62	
204.50	0.50	276.12	204.49	100.00	0.54	0.00	-1.60	1.60	269.90	0.17	
304.50	0.34	273.28	304.49	100.00	0.84	0.06	-2.33	2.33	271.49	0.16	
404.50	0.44	276.79	404.48	100.00	1.13	0.12	-3.00	3.01	272.35	0.10	
504.50	0.63	272.96	504.48	100.00	1.51	0.20	-3.94	3.94	272.86	0.19	
604.50	0.42	293.92	604.47	100.00	1.98	0.37	-4.82	4.83	274.44	0.28	
704.50	0.45	262.46	704.47	100.00	2.31	0.47	-5.54	5.56	274.86	0.24	
804.50	0.29	310.18	804.47	100.00	2.62	0.58	-6.13	6.15	275.43	0.33	
904.50	0.63	320.71	904.47	100.00	3.35	1.17	-6.67	6.77	279.96	0.35	
1004.50	0.57	327.42	1004.46	100.00	4.36	2.02	-7.28	7.56	285.47	0.09	
1104.50	0.43	276.04	1104.46	100.00	5.00	2.47	-7.92	8.30	287.34	0.45	
1204.50	0.34	298.38	1204.46	100.00	5.39	2.66	-8.56	8.96	287.24	0.17	
1304.50	0.58	343.33	1304.45	100.00	6.11	3.28	-8.97	9.55	290.10	0.42	
1404.50	0.52	334.71	1404.45	100.00	7.07	4.18	-9.30	10.20	294.17	0.10	
1504.50	0.46	340.63	1504.44	100.00	7.92	4.97	-9.63	10.84	297.27	0.08	
1604.50	0.42	342.77	1604.44	100.00	8.69	5.69	-9.87	11.40	299.97	0.04	
1704.50	0.63	300.31	1704.44	100.00	9.48	6.32	-10.46	12.22	301.16	0.43	
1804.50	0.66	273.12	1804.43	100.00	10.12	6.63	-11.51	13.28	299.95	0.30	
1904.50	0.11	280.68	1904.43	100.00	10.40	6.68	-12.18	13.89	298.75	0.55	
2004.50	0.36	315.20	2004.43	100.00	10.73	6.92	-12.49	14.28	298.99	0.28	
2104.50	0.47	311.68	2104.42	100.00	11.37	7.42	-13.02	14.98	299.67	0.11	
2204.50	0.50	265.41	2204.42	100.00	11.85	7.65	-13.76	15.75	299.08	0.38	
2304.50	0.29	267.15	2304.42	100.00	12.04	7.61	-14.45	16.33	297.77	0.21	
2404.50	0.40	312.66	2404.42	100.00	12.42	7.83	-14.96	16.88	297.63	0.28	
2504.50	0.65	299.21	2504.41	100.00	13.15	8.34	-15.71	17.79	297.97	0.28	
2604.50	0.59	267.85	2604.41	100.00	13.74	8.60	-16.72	18.80	297.22	0.34	
2704.50	0.49	293.21	2704.40	100.00	14.18	8.75	-17.63	19.68	296.40	0.26	
2804.50	0.63	298.21	2804.40	100.00	14.88	9.18	-18.50	20.65	296.38	0.15	
2925.50	0.61	292.00	2925.39	121.00	15.81	9.73	-19.69	21.96	296.31	0.06	
3020.50	0.59	294.35	3020.39	95.00	16.48	10.13	-20.60	22.96	296.17	0.03	
3115.50	0.60	298.39	3115.38	95.00	17.19	10.56	-21.48	23.94	296.18	0.05	
3210.50	3.78	76.20	3210.32	95.00	17.24	11.55	-18.88	22.13	301.45	4.47	
3306.50	6.98	74.89	3305.88	96.00	16.45	13.82	-10.17	17.16	323.65	3.34	
3400.50	9.29	72.82	3398.93	94.00	15.65	17.55	2.59	17.74	8.40	2.48	
3495.50	13.51	80.36	3492.04	95.00	13.37	21.68	20.87	30.09	43.91	4.70	
3590.50	17.29	82.58	3583.61	95.00	8.42	25.36	45.82	52.37	61.03	4.03	
3685.50	17.37	81.80	3674.30	95.00	2.58	29.21	73.85	79.42	68.42	0.26	
3780.50	17.03	81.94	3765.05	95.00	-3.07	33.18	101.66	106.94	71.92	0.36	
3875.50	16.83	83.07	3855.94	95.00	-8.92	36.79	129.09	134.23	74.09	0.41	
3970.50	17.08	83.70	3946.81	95.00	-15.21	39.98	156.61	161.63	75.68	0.33	
4064.50	17.34	85.39	4036.60	94.00	-22.06	42.62	184.29	189.15	76.98	0.60	
4159.50	16.41	83.97	4127.51	95.00	-28.93	45.17	211.75	216.51	77.96	1.07	
4253.50	15.41	86.84	4217.91	94.00	-35.63	47.25	237.42	242.08	78.74	1.35	
4348.50	16.33	86.63	4309.28	95.00	-42.99	48.73	263.36	267.83	79.52	0.97	
4442.50	17.95	83.25	4399.11	94.00	-49.96	51.21	290.94	295.41	80.02	2.02	
4538.50	18.53	74.74	4490.30	96.00	-54.47	56.97	320.35	325.38	79.92	2.84	
4632.50	16.95	71.37	4579.83	94.00	-55.89	65.28	347.75	353.82	79.37	2.00	
4727.50	16.77	80.45	4670.76	95.00	-58.57	71.98	374.39	381.24	79.12	2.00	
4822.50	16.09	83.82	4761.89	95.00	-64.08	75.67	400.99	408.07	79.31	1.23	
4917.50	15.27	80.94	4853.35	95.00	-69.47	79.05	426.44	433.70	79.50	0.98	
5011.50	15.20	77.43	4944.05	94.00	-73.30	83.69	450.69	458.39	79.48	0.96	
5106.50	15.85	79.83	5035.58	95.00	-77.00	88.69	475.61	483.81	79.44	0.96	
5200.50	16.81	78.77	5125.79	94.00	-81.13	93.60	501.58	510.24	79.43	1.03	
5295.50	17.74	79.84	5216.51	95.00	-85.57	98.83	529.30	538.45	79.42	0.65	
5390.50	17.88	81.82	5306.95	95.00	-90.89	103.46	557.98	567.49	79.50	1.27	
5484.50	17.60	78.29	5396.49	94.00	-95.75	108.39	586.18	596.12	79.44	0.94	
5579.50	16.92	81.66	5487.21	95.00	-100.48	113.31	613.93	624.30	79.44	0.94	
5674.50	16.56	78.82	5578.19	95.00	-105.22	117.95	640.89	651.65	79.57	0.94	

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5769.50	16.44	79.13	5669.27	95.00	-109.30	123.11	667.37	678.63	79.55	0.16	
5864.50	15.89	76.01	5760.52	95.00	-112.67	128.78	693.19	705.05	79.48	1.08	
5960.50	16.35	76.05	5852.74	96.00	-115.34	135.22	719.06	731.66	79.35	0.48	
6055.50	17.33	78.47	5943.67	95.00	-118.70	141.27	745.90	759.16	79.28	1.27	
6150.50	17.50	83.00	6034.32	95.00	-123.86	145.84	773.94	787.56	79.33	1.44	
6224.00	17.50	83.30	6104.42	73.50	-128.78	148.48	795.88	809.62	79.43	0.12	111.87
6318.00	15.30	79.42	6194.59	94.00	-133.94	152.40	822.12	836.12	79.50	2.61	115.48
6411.00	13.89	72.51	6284.59	93.00	-136.32	158.01	844.83	859.48	79.41	2.41	122.71
6458.00	18.03	58.57	6329.79	47.00	-135.06	163.50	856.42	871.89	79.19	11.95	122.71
6505.00	21.10	42.90	6374.10	47.00	-129.69	173.50	868.40	885.56	78.70	12.88	126.32
6552.00	23.48	30.13	6417.61	47.00	-119.76	187.81	878.87	898.71	77.94	11.45	126.32
6599.00	24.62	21.84	6460.54	47.00	-106.39	205.00	887.21	910.59	76.99	7.58	129.94
6646.00	25.76	14.98	6503.08	47.00	-90.66	223.96	893.49	921.13	75.93	6.66	129.94
6692.00	27.61	9.40	6544.19	46.00	-73.13	244.14	897.82	930.42	74.79	6.77	133.55
6739.00	29.37	3.34	6585.50	47.00	-53.00	266.39	900.27	938.86	73.52	7.20	133.55
6786.00	31.39	1.31	6626.05	47.00	-30.97	290.14	901.22	946.77	72.15	4.82	133.55
6833.00	34.65	355.98	6665.46	47.00	-6.67	315.72	900.57	954.30	70.68	9.28	137.17
6879.00	38.87	352.65	6702.31	46.00	20.03	343.09	897.80	961.12	69.09	10.14	137.17
6926.00	43.53	350.66	6737.66	47.00	50.37	373.71	893.28	968.30	67.30	10.30	137.17
6973.00	47.66	348.99	6770.54	47.00	83.48	406.74	887.34	976.12	65.37	9.15	137.17
7020.00	52.06	347.93	6800.84	47.00	119.04	441.94	880.14	984.86	63.34	9.52	137.17
7067.00	56.28	345.90	6828.35	47.00	156.88	479.04	871.50	994.48	61.20	9.64	140.78
7114.00	59.62	343.71	6853.28	47.00	196.58	517.47	861.05	1004.58	59.00	8.13	140.78
7161.00	63.93	342.29	6875.51	47.00	237.94	557.06	848.93	1015.38	56.73	9.55	140.78
7208.00	68.15	341.73	6894.59	47.00	280.86	597.89	835.67	1027.53	54.42	9.04	140.78
7255.00	72.11	340.53	6910.56	47.00	325.04	639.71	821.37	1041.09	52.09	8.76	140.78
7302.00	76.06	340.88	6923.45	47.00	370.23	682.36	806.44	1056.39	49.76	8.43	140.78
7348.00	79.14	340.70	6933.32	46.00	415.15	724.78	791.66	1073.33	47.53	6.71	140.78
7385.00	81.43	340.41	6939.57	37.00	451.62	759.17	779.52	1088.11	45.76	6.24	140.78
7442.00	86.35	339.62	6945.63	57.00	508.27	812.41	760.15	1112.59	43.10	8.74	144.39
7489.00	89.34	338.88	6947.40	47.00	555.23	856.33	743.51	1134.07	40.97	6.55	144.39
7536.00	89.34	338.83	6947.94	47.00	602.21	900.16	726.56	1156.80	38.91	0.11	148.01
7629.00	90.40	339.20	6948.15	93.00	695.19	986.99	693.26	1206.13	35.08	1.21	148.01
7723.00	90.84	337.98	6947.14	94.00	789.14	1074.50	658.94	1260.46	31.52	1.38	148.01
7816.00	91.28	337.52	6945.42	93.00	882.03	1160.56	623.74	1317.55	28.26	0.68	151.62
7910.00	91.01	336.96	6943.54	94.00	975.88	1247.22	587.38	1378.61	25.22	0.66	148.01
8004.00	90.31	338.46	6942.45	94.00	1069.78	1334.19	551.73	1443.77	22.47	1.76	151.62
8098.00	90.22	339.59	6942.02	94.00	1163.75	1421.96	518.08	1513.40	20.02	1.21	151.62
8191.00	91.10	339.88	6940.95	93.00	1256.74	1509.19	485.87	1585.48	17.85	1.00	151.62
8285.00	91.28	339.91	6939.00	94.00	1350.72	1597.45	453.57	1660.59	15.85	0.19	155.24
8379.00	90.84	339.61	6937.26	94.00	1444.70	1685.63	421.05	1737.42	14.02	0.57	155.24
8472.00	91.45	340.11	6935.40	93.00	1537.67	1772.92	389.04	1815.10	12.38	0.85	155.24
8566.00	91.45	340.39	6933.02	94.00	1631.64	1861.36	357.28	1895.34	10.87	0.30	155.24
8659.00	91.19	339.93	6930.88	93.00	1724.62	1948.82	325.73	1975.85	9.49	0.57	158.85
8753.00	91.54	340.50	6928.64	94.00	1818.59	2037.25	293.92	2058.34	8.21	0.71	158.85
8846.00	90.84	341.97	6926.71	93.00	1911.56	2125.28	264.01	2141.62	7.08	1.75	158.85
8940.00	90.75	343.08	6925.40	94.00	2005.47	2214.93	235.79	2227.45	6.08	1.18	158.85
9034.00	89.96	343.00	6924.82	94.00	2099.36	2304.84	208.37	2314.24	5.17	0.85	158.85
9127.00	91.28	341.05	6923.81	93.00	2192.31	2393.29	179.67	2400.03	4.29	2.53	158.85
9221.00	91.28	341.77	6921.71	94.00	2286.26	2482.36	149.71	2486.88	3.45	0.76	162.46
9315.00	90.92	342.02	6919.91	94.00	2380.21	2571.69	120.51	2574.52	2.68	0.47	162.46
9408.00	90.40	341.89	6918.84	93.00	2473.16	2660.11	91.70	2661.69	1.97	0.58	162.46
9502.00	91.89	341.21	6916.96	94.00	2567.12	2749.26	61.96	2749.96	1.29	1.74	162.46
9596.00	91.63	340.74	6914.07	94.00	2661.07	2838.08	31.33	2838.26	0.63	0.57	162.46
9689.00	91.36	340.30	6911.65	93.00	2754.03	2925.73	0.33	2925.73	0.01	0.56	166.08
9783.00	91.10	340.23	6909.63	94.00	2848.01	3014.19	-31.41	3014.35	359.40	0.29	166.08
9876.00	90.84	340.09	6908.05	93.00	2941.00	3101.66	-62.97	3102.30	358.84	0.43	166.08
9970.00	90.48	339.90	6906.97	94.00	3034.99	3189.98	-95.12	3191.40	358.29	0.43	166.08
10064.00	91.54	339.60	6905.31	94.00	3128.97	3278.15	-127.65	3280.64	357.77	1.17	162.46
10158.00	92.68	340.20	6901.85	94.00	3222.90	3366.37	-159.93	3370.16	357.28	1.81	166.08
10251.00	92.15	338.96	6897.93	93.00	3315.81	3453.44	-192.35	3458.80	356.81	1.45	166.08
10345.00	92.51	339.13	6894.11	94.00	3409.71	3541.15	-225.94	3548.35	356.35	0.42	162.46
10438.00	94.70	339.35	6888.27	93.00	3502.51	3627.94	-258.84	3637.16	355.92	2.33	166.08
10532.00	96.38	340.45	6879.19	94.00	3596.06	3715.79	-290.99	3727.17	355.51	2.33	169.69
10625.00	94.70	340.22	6870.21	93.00	3688.62	3802.96	-322.14	3816.58	355.16	1.81	169.69
10719.00	93.30	339.20	6863.66	94.00	3782.39	3890.91	-354.66	3907.04	354.79	1.84	169.69
10813.00	93.12	339.12	6858.39	94.00	3876.22	3978.62	-388.05	3997.50	354.43	0.21	169.69
10906.00	92.24	339.55	6854.04	93.00	3969.10	4065.54	-420.83	4087.26	354.09	1.05	169.69
11000.00	91.80	339.50	6850.73	94.00	4063.04	4153.55	-453.69	4178.25	353.77	0.47	169.69
11094.00	91.80	338.93	6847.78	94.00	4156.97	4241.39	-487.03	4269.26	353.45	0.61	169.69

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11187.00	92.42	339.37	6844.35	93.00	4249.89	4328.24	-520.11	4359.37	353.15	0.82	173.31
11281.00	92.59	338.93	6840.25	94.00	4343.78	4416.00	-553.53	4450.55	352.86	0.50	173.31
11375.00	92.42	338.80	6836.14	94.00	4437.67	4503.59	-587.39	4541.73	352.57	0.23	173.31
11468.00	91.89	338.39	6832.64	93.00	4530.56	4590.11	-621.31	4631.97	352.29	0.72	173.31
11562.00	91.45	338.00	6829.90	94.00	4624.46	4677.35	-656.21	4723.16	352.01	0.63	173.31
11656.00	90.92	336.94	6827.96	94.00	4718.32	4764.15	-692.22	4814.18	351.73	1.26	173.31
11749.00	91.36	338.98	6826.11	93.00	4811.22	4850.34	-727.11	4904.53	351.47	2.24	173.31
11843.00	92.42	339.10	6823.01	94.00	4905.15	4938.07	-760.72	4996.32	351.24	1.14	173.31
11937.00	91.98	338.89	6819.40	94.00	4999.05	5025.76	-794.39	5088.15	351.02	0.52	176.92
12030.00	90.84	336.70	6817.11	93.00	5091.93	5111.83	-829.52	5178.69	350.78	2.65	176.92
12124.00	91.71	337.48	6815.02	94.00	5185.76	5198.39	-866.10	5270.05	350.54	1.24	173.31
12218.00	91.63	337.24	6812.28	94.00	5279.60	5285.11	-902.27	5361.57	350.31	0.27	176.92
12311.00	91.36	336.94	6809.85	93.00	5372.42	5370.74	-938.46	5452.12	350.09	0.43	176.92
12405.00	92.33	338.12	6806.83	94.00	5466.26	5457.56	-974.37	5543.86	349.88	1.62	176.92
12499.00	93.21	337.86	6802.28	94.00	5560.08	5544.60	-1009.56	5635.77	349.68	0.98	176.92
12593.00	93.56	337.52	6796.73	94.00	5653.82	5631.42	-1045.18	5727.59	349.49	0.52	176.92
12686.00	92.24	338.14	6792.03	93.00	5746.61	5717.43	-1080.23	5818.58	349.30	1.57	176.92
12780.00	91.89	337.55	6788.64	94.00	5840.47	5804.43	-1115.65	5910.68	349.12	0.73	176.92
12874.00	90.40	337.01	6786.76	94.00	5934.31	5891.12	-1151.95	6002.69	348.94	1.69	176.92
12967.00	90.04	337.09	6786.40	93.00	6027.17	5976.75	-1188.21	6093.72	348.76	0.40	180.54
13061.00	89.69	337.56	6786.63	94.00	6121.04	6063.49	-1224.45	6185.88	348.58	0.62	180.54
13155.00	89.78	338.03	6787.06	94.00	6214.95	6150.52	-1259.97	6278.25	348.42	0.51	180.54
13248.00	89.43	337.69	6787.70	93.00	6307.87	6236.66	-1295.02	6369.69	348.27	0.52	184.15
13344.00	89.08	337.34	6788.95	96.00	6403.75	6325.35	-1331.73	6464.02	348.11	0.52	180.54
13412.00	89.08	337.34	6790.04	68.00	6471.65	6388.09	-1357.93	6530.83	348.00	-999.25	( )

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