COMPANY: Kaiser-Francis
PROJECT: Eddy County, New Mexico (NAD 83)
SITE: Loving Townsite WC
WELL: Loving Townsite WC 1H
MAP SYSTE US State Plane 1983
MAP ZONE New Mexico Eastern Zone
NORTH RE Grid
KB-MSL: 3092.60
GLE: 3069.60

WELLBORE Wellbore #1
DESIGN: Surveys
VS AZI: 89.74

SURVEY TOOL PROGRAM:
H 150.00 - 15157.00 MS MWD : MWD

MD	INC	AZI	Course Length	TVD	Subsea Depth	Local N/S	Local E/W	Map Northing	Map Easting
0.00	0.00	0.00	0.00	0.00	3092.60	0.00	0.00	########	########
150.00	0.60	94.40	150.00	150.00	2942.60	-0.06	0.78	########	########
244.00	0.30	53.70	94.00	243.99	2848.61	0.05	1.47	########	########
354.00	0.40	348.20	110.00	353.99	2738.61	0.59	1.63	########	########
521.00	0.60	4.30	167.00	520.99	2571.61	2.04	1.57	########	########
614.00	0.90	7.20	93.00	613.98	2478.62	3.25	1.70	########	########
708.00	1.30	3.20	94.00	707.96	2384.64	5.04	1.85	########	########
801.00	1.50	351.60	93.00	800.93	2291.67	7.30	1.73	########	########
895.00	2.50	0.50	94.00	894.88	2197.73	10.57	1.57	########	########
989.00	3.60	358.80	94.00	988.74	2103.86	15.57	1.53	########	########
1083.00	4.10	357.60	94.00	1082.53	2010.07	21.88	1.33	########	########
1177.00	4.10	4.30	94.00	1176.29	1916.31	28.59	1.44	########	########
1270.00	3.80	0.30	93.00	1269.07	1823.53	34.98	1.70	########	########
1364.00	4.20	5.30	94.00	1362.84	1729.76	41.53	2.04	########	########
1458.00	4.10	359.80	94.00	1456.59	1636.01	48.31	2.34	########	########
1551.00	4.10	3.30	93.00	1549.35	1543.25	54.96	2.52	########	########
1645.00	4.00	5.70	94.00	1643.12	1449.48	61.57	3.04	########	########
1739.00	3.50	13.20	94.00	1736.92	1355.68	67.63	4.02	########	########
1834.00	3.50	33.70	95.00	1831.75	1260.85	72.87	6.29	########	########
1929.00	4.00	28.90	95.00	1926.54	1166.06	78.18	9.50	########	########
2024.00	4.70	18.80	95.00	2021.27	1071.33	84.76	12.36	########	########
2119.00	4.60	12.80	95.00	2115.96	976.64	92.16	14.46	########	########
2213.00	4.50	0.60	94.00	2209.66	882.94	99.53	15.33	########	########
2307.00	4.60	4.00	94.00	2303.37	789.23	106.97	15.63	########	########
2392.00	4.20	3.90	85.00	2388.12	704.48	113.48	16.08	########	########
2491.00	4.10	5.20	99.00	2486.86	605.74	120.62	16.65	########	########
2586.00	3.80	1.00	95.00	2581.63	510.97	127.15	17.01	########	########

Lat	Long	Dogleg Severity	T.Face	Vert Sec	Annotation
32° 17' 10..	104° 6' 32..	0.00	0.00	0.00	
32° 17' 10..	104° 6' 32..	0.40	94.40	0.78	
32° 17' 10..	104° 6' 32..	0.45	207.70	1.47	
32° 17' 10..	104° 6' 32..	0.35	249.77	1.63	
32° 17' 10..	104° 6' 32..	0.15	43.32	1.58	
32° 17' 10..	104° 6' 32..	0.33	8.66	1.71	
32° 17' 10..	104° 6' 32..	0.43	347.13	1.88	
32° 17' 10..	104° 6' 32..	0.37	299.32	1.77	
32° 17' 10..	104° 6' 32..	1.11	21.74	1.62	
32° 17' 10..	104° 6' 32..	1.17	354.45	1.60	
32° 17' 10..	104° 6' 32..	0.54	350.25	1.42	
32° 17' 10..	104° 6' 32..	0.51	93.34	1.57	
32° 17' 10..	104° 6' 32..	0.44	220.58	1.86	
32° 17' 11..	104° 6' 32..	0.56	43.60	2.22	
32° 17' 11..	104° 6' 32..	0.44	253.16	2.56	
32° 17' 11..	104° 6' 32..	0.27	91.75	2.77	
32° 17' 11..	104° 6' 32..	0.21	121.73	3.32	
32° 17' 11..	104° 6' 32..	0.74	139.25	4.33	
32° 17' 11..	104° 6' 32..	1.31	100.23	6.62	
32° 17' 11..	104° 6' 32..	0.62	325.47	9.86	
32° 17' 11..	104° 6' 32..	1.09	307.31	12.74	
32° 17' 11..	104° 6' 32..	0.52	255.40	14.88	
32° 17' 11..	104° 6' 32..	1.03	258.04	15.78	
32° 17' 11..	104° 6' 32..	0.31	71.36	16.12	
32° 17' 11..	104° 6' 32..	0.47	181.05	16.60	
32° 17' 11..	104° 6' 32..	0.14	137.39	17.20	
32° 17' 11..	104° 6' 32..	0.44	221.88	17.59	

2680.00	4.10	1.30	94.00	2675.41	417.19	133.63	17.14	########	########
2775.00	4.80	348.20	95.00	2770.12	322.48	140.91	16.41	########	########
2868.00	5.10	345.30	93.00	2862.78	229.82	148.72	14.56	########	########
2963.00	5.20	347.30	95.00	2957.39	135.21	157.00	12.54	########	########
3057.00	5.00	346.50	94.00	3051.02	41.58	165.14	10.65	########	########
3152.00	4.90	345.70	95.00	3145.67	-53.07	173.10	8.68	########	########
3246.00	4.70	345.30	94.00	3239.34	-146.74	180.71	6.71	########	########
3340.00	3.90	343.00	94.00	3333.07	-240.47	187.50	4.80	########	########
3434.00	4.00	341.40	94.00	3426.85	-334.25	193.66	2.82	########	########
3529.00	4.20	340.70	95.00	3521.60	-429.00	200.08	0.62	########	########
3624.00	5.30	345.90	95.00	3616.28	-523.68	207.62	-1.60	########	########
3718.00	7.60	348.70	94.00	3709.68	-617.08	217.93	-3.88	########	########
3813.00	9.60	349.90	95.00	3803.60	-711.00	231.89	-6.50	########	########
3907.00	10.00	350.20	94.00	3896.23	-803.63	247.65	-9.26	########	########
4002.00	10.30	350.70	95.00	3989.74	-897.14	264.16	-12.04	########	########
4096.00	11.90	352.70	94.00	4081.98	-989.38	282.07	-14.63	########	########
4191.00	12.70	353.90	95.00	4174.80	-1082.20	302.17	-16.98	########	########
4285.00	13.30	356.00	94.00	4266.39	-1173.79	323.23	-18.84	########	########
4380.00	13.50	356.50	95.00	4358.81	-1266.21	345.20	-20.28	########	########
4474.00	13.60	356.60	94.00	4450.19	-1357.59	367.18	-21.60	########	########
4568.00	10.70	350.70	94.00	4542.08	-1449.48	386.83	-23.67	########	########
4662.00	9.70	349.90	94.00	4634.59	-1541.99	403.24	-26.47	########	########
4757.00	9.50	351.40	95.00	4728.26	-1635.66	418.87	-29.04	########	########
4851.00	10.10	353.60	94.00	4820.89	-1728.29	434.73	-31.12	########	########
4946.00	10.10	355.20	95.00	4914.42	-1821.82	451.31	-32.75	########	########
5040.00	11.80	359.20	94.00	5006.70	-1914.10	469.13	-33.57	########	########
5135.00	11.70	359.40	95.00	5099.71	-2007.11	488.48	-33.81	########	########
5229.00	11.20	357.90	94.00	5191.84	-2099.24	507.13	-34.24	########	########
5324.00	12.60	358.30	95.00	5284.80	-2192.20	526.71	-34.89	########	########
5418.00	12.90	359.30	94.00	5376.48	-2283.88	547.45	-35.32	########	########
5513.00	11.80	355.50	95.00	5469.28	-2376.68	567.74	-36.21	########	########
5608.00	12.80	351.70	95.00	5562.10	-2469.50	587.83	-38.49	########	########
5702.00	12.30	351.50	94.00	5653.86	-2561.26	608.04	-41.48	########	########
5797.00	10.90	351.20	95.00	5746.91	-2654.31	626.93	-44.34	########	########
5891.00	10.60	353.10	94.00	5839.26	-2746.66	644.29	-46.74	########	########
5986.00	10.40	356.90	95.00	5932.67	-2840.07	661.53	-48.26	########	########
6080.00	9.40	357.70	94.00	6025.27	-2932.67	677.67	-49.02	########	########
6175.00	7.30	6.50	95.00	6119.27	-3026.67	691.42	-48.65	########	########
6269.00	6.60	357.60	94.00	6212.58	-3119.98	702.75	-48.20	########	########
6364.00	5.50	328.10	95.00	6307.07	-3214.47	712.08	-50.84	########	########
6458.00	4.30	327.70	94.00	6400.72	-3308.12	718.88	-55.10	########	########
6553.00	5.00	335.80	95.00	6495.41	-3402.81	725.67	-58.70	########	########
6648.00	3.90	342.40	95.00	6590.12	-3497.52	732.52	-61.37	########	########
6743.00	2.00	6.80	95.00	6685.00	-3592.40	737.25	-62.16	########	########
6837.00	3.50	8.10	94.00	6778.89	-3686.29	741.72	-61.56	########	########
6932.00	2.50	3.80	95.00	6873.75	-3781.15	746.66	-61.01	########	########
7027.00	2.20	348.20	95.00	6968.68	-3876.08	750.51	-61.25	########	########

32° 17' 11.	104° 6' 32.	0.32	4.09	17.75
32° 17' 11.	104° 6' 32.	1.29	297.91	17.05
32° 17' 12.	104° 6' 32.	0.42	318.72	15.24
32° 17' 12.	104° 6' 32.	0.22	61.88	13.26
32° 17' 12.	104° 6' 32.	0.23	199.18	11.40
32° 17' 12.	104° 6' 32.	0.13	214.22	9.47
32° 17' 12.	104° 6' 32.	0.22	189.30	7.53
32° 17' 12.	104° 6' 32.	0.87	191.02	5.65
32° 17' 12.	104° 6' 32.	0.16	311.42	3.70
32° 17' 12.	104° 6' 32.	0.22	345.60	1.52
32° 17' 12.	104° 6' 32.	1.24	23.98	-0.66
32° 17' 12.	104° 6' 32.	2.47	9.18	-2.89
32° 17' 12.	104° 6' 32.	2.11	5.72	-5.45
32° 17' 13.	104° 6' 33.	0.43	7.42	-8.14
32° 17' 13.	104° 6' 33.	0.33	16.61	-10.84
32° 17' 13.	104° 6' 33.	1.75	14.51	-13.35
32° 17' 13.	104° 6' 33.	0.88	18.31	-15.61
32° 17' 13.	104° 6' 33.	0.81	39.24	-17.37
32° 17' 14.	104° 6' 33.	0.24	30.33	-18.71
32° 17' 14.	104° 6' 33.	0.11	13.23	-19.93
32° 17' 14.	104° 6' 33.	3.35	200.32	-21.91
32° 17' 14.	104° 6' 33.	1.07	187.67	-24.64
32° 17' 14.	104° 6' 33.	0.34	129.38	-27.14
32° 17' 14.	104° 6' 33.	0.75	33.06	-29.15
32° 17' 15.	104° 6' 33.	0.30	90.79	-30.70
32° 17' 15.	104° 6' 33.	1.98	26.06	-31.44
32° 17' 15.	104° 6' 33.	0.11	157.94	-31.59
32° 17' 15.	104° 6' 33.	0.62	210.04	-31.94
32° 17' 15.	104° 6' 33.	1.48	3.57	-32.50
32° 17' 16.	104° 6' 33.	0.40	36.83	-32.83
32° 17' 16.	104° 6' 33.	1.44	214.61	-33.63
32° 17' 16.	104° 6' 33.	1.35	319.14	-35.82
32° 17' 16.	104° 6' 33.	0.53	184.87	-38.72
32° 17' 16.	104° 6' 33.	1.48	182.32	-41.50
32° 17' 16.	104° 6' 33.	0.49	131.18	-43.82
32° 17' 17.	104° 6' 33.	0.76	107.97	-45.25
32° 17' 17.	104° 6' 33.	1.07	172.56	-45.95
32° 17' 17.	104° 6' 33.	2.58	152.98	-45.51
32° 17' 17.	104° 6' 33.	1.36	232.61	-45.01
32° 17' 17.	104° 6' 33.	3.43	236.25	-47.61
32° 17' 17.	104° 6' 33.	1.28	181.43	-51.84
32° 17' 17.	104° 6' 33.	1.01	47.25	-55.41
32° 17' 17.	104° 6' 33.	1.28	158.30	-58.05
32° 17' 17.	104° 6' 33.	2.35	158.32	-58.81
32° 17' 17.	104° 6' 33.	1.60	3.03	-58.19
32° 17' 17.	104° 6' 33.	1.08	190.54	-57.62
32° 17' 18.	104° 6' 33.	0.74	237.22	-57.84

7122.00	2.00	355.30	95.00	7063.61	-3971.01	753.95	-61.76	########	########
7216.00	2.60	1.10	94.00	7157.54	-4064.94	757.71	-61.85	########	########
7311.00	2.90	7.20	95.00	7252.43	-4159.83	762.25	-61.51	########	########
7405.00	2.40	359.90	94.00	7346.33	-4253.73	766.58	-61.21	########	########
7500.00	2.40	7.10	95.00	7441.24	-4348.64	770.54	-60.97	########	########
7595.00	4.40	0.20	95.00	7536.07	-4443.47	776.16	-60.71	########	########
7690.00	4.80	345.80	95.00	7630.77	-4538.17	783.66	-61.67	########	########
7784.00	3.80	346.10	94.00	7724.50	-4631.90	790.49	-63.39	########	########
7879.00	2.90	326.70	95.00	7819.34	-4726.74	795.56	-65.46	########	########
7974.00	2.40	325.40	95.00	7914.24	-4821.64	799.20	-67.91	########	########
8068.00	1.90	317.70	94.00	8008.17	-4915.57	801.98	-70.08	########	########
8162.00	1.50	293.90	94.00	8102.13	-5009.53	803.63	-72.25	########	########
8257.00	1.20	310.00	95.00	8197.11	-5104.51	804.77	-74.15	########	########
8352.00	0.60	229.80	95.00	8292.10	-5199.50	805.09	-75.29	########	########
8446.00	1.40	108.00	94.00	8386.09	-5293.49	804.42	-74.58	########	########
8541.00	2.20	87.00	95.00	8481.04	-5388.44	804.15	-71.65	########	########
8636.00	1.20	83.10	95.00	8576.00	-5483.40	804.37	-68.84	########	########
8730.00	0.50	44.50	94.00	8669.99	-5577.39	804.78	-67.58	########	########
8825.00	0.20	289.50	95.00	8764.99	-5672.39	805.13	-67.44	########	########
8920.00	1.10	199.70	95.00	8859.98	-5767.38	804.33	-67.91	########	########
9014.00	2.20	198.10	94.00	8953.94	-5861.34	801.76	-68.77	########	########
9109.00	2.30	197.50	95.00	9048.87	-5956.27	798.21	-69.91	########	########
9204.00	1.20	175.80	95.00	9143.82	-6051.22	795.40	-70.41	########	########
9298.00	0.70	132.60	94.00	9237.81	-6145.21	794.03	-69.92	########	########
9393.00	0.80	65.60	95.00	9332.81	-6240.21	793.91	-68.89	########	########
9488.00	1.00	66.70	95.00	9427.79	-6335.19	794.51	-67.52	########	########
9582.00	0.40	75.50	94.00	9521.79	-6429.19	794.92	-66.45	########	########
9668.00	0.40	81.00	86.00	9607.78	-6515.18	795.04	-65.86	########	########
9812.00	0.40	106.90	144.00	9751.78	-6659.18	794.97	-64.88	########	########
9859.00	6.40	77.70	47.00	9798.68	-6706.08	795.49	-62.17	########	########
9907.00	13.30	71.80	48.00	9845.94	-6753.34	797.78	-54.30	########	########
9954.00	21.10	75.60	47.00	9890.81	-6798.21	801.58	-40.95	########	########
10002.00	24.90	79.50	48.00	9934.99	-6842.39	805.57	-22.63	########	########
10049.00	28.70	83.90	47.00	9976.93	-6884.33	808.58	-1.67	########	########
10096.00	32.20	87.00	47.00	10017.45	-6924.85	810.43	22.06	########	########
10143.00	34.90	88.50	47.00	10056.61	-6964.01	811.44	48.01	########	########
10191.00	36.50	87.00	48.00	10095.59	-7002.99	812.55	76.00	########	########
10238.00	38.40	86.00	47.00	10132.90	-7040.30	814.30	104.52	########	########
10285.00	40.70	84.90	47.00	10169.14	-7076.54	816.68	134.35	########	########
10332.00	44.60	82.30	47.00	10203.71	-7111.11	820.25	165.98	########	########
10380.00	49.30	81.80	48.00	10236.47	-7143.87	825.11	200.71	########	########
10427.00	52.20	82.00	47.00	10266.20	-7173.60	830.23	236.74	########	########
10474.00	57.80	82.60	47.00	10293.15	-7200.55	835.38	274.88	########	########
10521.00	62.60	82.80	47.00	10316.50	-7223.90	840.56	315.32	########	########
10569.00	69.00	81.10	48.00	10336.17	-7243.57	846.71	358.64	########	########
10616.00	79.70	81.10	47.00	10348.83	-7256.23	853.70	403.29	########	########
10664.00	86.10	82.70	48.00	10354.76	-7262.16	860.40	450.42	########	########

32° 17' 18.	104° 6' 33.	0.35	131.06	-58.33
32° 17' 18.	104° 6' 33.	0.68	24.12	-58.41
32° 17' 18.	104° 6' 33.	0.44	47.36	-58.05
32° 17' 18.	104° 6' 33.	0.64	210.41	-57.73
32° 17' 18.	104° 6' 33.	0.32	93.60	-57.47
32° 17' 18.	104° 6' 33.	2.15	344.98	-57.19
32° 17' 18.	104° 6' 33.	1.28	281.83	-58.12
32° 17' 18.	104° 6' 33.	1.06	178.86	-59.80
32° 17' 18.	104° 6' 33.	1.51	222.14	-61.85
32° 17' 18.	104° 6' 33.	0.53	186.21	-64.28
32° 17' 18.	104° 6' 33.	0.61	206.21	-66.44
32° 17' 18.	104° 6' 33.	0.85	228.93	-68.60
32° 17' 18.	104° 6' 33.	0.51	136.20	-70.50
32° 17' 18.	104° 6' 33.	1.31	208.31	-71.64
32° 17' 18.	104° 6' 33.	1.90	221.66	-70.92
32° 17' 18.	104° 6' 33.	1.08	309.68	-68.00
32° 17' 18.	104° 6' 33.	1.06	184.65	-65.19
32° 17' 18.	104° 6' 33.	0.92	201.08	-63.92
32° 17' 18.	104° 6' 33.	0.64	197.23	-63.79
32° 17' 18.	104° 6' 33.	1.18	259.89	-64.26
32° 17' 18.	104° 6' 33.	1.17	356.80	-65.13
32° 17' 18.	104° 6' 33.	0.11	346.45	-66.29
32° 17' 18.	104° 6' 33.	1.33	200.53	-66.80
32° 17' 18.	104° 6' 33.	0.89	214.79	-66.31
32° 17' 18.	104° 6' 33.	0.88	242.25	-65.28
32° 17' 18.	104° 6' 33.	0.21	5.49	-63.91
32° 17' 18.	104° 6' 33.	0.65	174.22	-62.84
32° 17' 18.	104° 6' 33.	0.04	92.75	-62.25
32° 17' 18.	104° 6' 33.	0.12	102.95	-61.28
32° 17' 18.	104° 6' 33.	12.88	328.96	-58.56
32° 17' 18.	104° 6' 33.	14.51	348.75	-50.68
32° 17' 18.	104° 6' 33.	16.76	10.03	-37.31
32° 17' 18.	104° 6' 33.	8.53	23.66	-18.98
32° 17' 18.	104° 6' 32.	9.12	29.55	1.99
32° 17' 18.	104° 6' 32.	8.16	25.52	25.74
32° 17' 18.	104° 6' 32.	6.01	17.70	51.69
32° 17' 18.	104° 6' 31.	3.80	330.71	79.68
32° 17' 18.	104° 6' 31.	4.24	341.86	108.22
32° 17' 18.	104° 6' 31.	5.12	342.64	138.06
32° 17' 18.	104° 6' 30.	9.10	334.73	169.70
32° 17' 18.	104° 6' 30.	9.82	355.38	204.45
32° 17' 18.	104° 6' 30.	6.18	3.12	240.50
32° 17' 18.	104° 6' 29.	11.96	5.19	278.67
32° 17' 18.	104° 6' 29.	10.22	2.12	319.13
32° 17' 18.	104° 6' 28.	13.72	346.02	362.48
32° 17' 19.	104° 6' 28.	22.77	0.00	407.16
32° 17' 19.	104° 6' 27.	13.74	14.04	454.32

10711.00	89.90	84.30	47.00	10356.40	-7263.80	865.72	497.08	########	########
10757.00	90.90	84.10	46.00	10356.07	-7263.47	870.37	542.84	########	########
10852.00	90.10	86.10	95.00	10355.25	-7262.65	878.48	637.49	########	########
10947.00	89.90	87.80	95.00	10355.25	-7262.65	883.53	732.35	########	########
11042.00	87.40	87.70	95.00	10357.48	-7264.88	887.26	827.24	########	########
11136.00	88.50	89.10	94.00	10360.85	-7268.25	889.88	921.14	########	########
11231.00	86.90	87.00	95.00	10364.66	-7272.06	893.11	1016.00	########	########
11326.00	88.10	88.30	95.00	10368.80	-7276.20	897.00	1110.83	########	########
11420.00	88.50	87.80	94.00	10371.59	-7278.99	900.20	1204.73	########	########
11514.00	87.10	86.20	94.00	10375.20	-7282.60	905.12	1298.53	########	########
11609.00	89.40	90.10	95.00	10378.10	-7285.50	908.18	1393.41	########	########
11704.00	88.70	90.10	95.00	10379.68	-7287.08	908.01	1488.40	########	########
11798.00	88.70	90.90	94.00	10381.81	-7289.21	907.19	1582.37	########	########
11893.00	89.10	91.90	95.00	10383.63	-7291.03	904.87	1677.32	########	########
11988.00	88.30	87.80	95.00	10385.79	-7293.19	905.12	1772.28	########	########
12082.00	87.70	82.80	94.00	10389.07	-7296.47	912.81	1865.87	########	########
12177.00	88.60	84.90	95.00	10392.14	-7299.54	922.99	1960.27	########	########
12271.00	90.30	87.20	94.00	10393.04	-7300.44	929.46	2054.03	########	########
12366.00	90.80	89.20	95.00	10392.13	-7299.53	932.44	2148.98	########	########
12461.00	90.80	90.90	95.00	10390.80	-7298.20	932.36	2243.96	########	########
12555.00	89.30	89.80	94.00	10390.72	-7298.12	931.79	2337.96	########	########
12650.00	88.80	89.30	95.00	10392.30	-7299.70	932.53	2432.94	########	########
12745.00	86.40	88.20	95.00	10396.27	-7303.67	934.60	2527.83	########	########
12839.00	89.00	91.10	94.00	10400.05	-7307.45	935.17	2621.73	########	########
12934.00	87.60	89.40	95.00	10402.87	-7310.27	934.76	2716.68	########	########
13028.00	85.40	84.70	94.00	10408.61	-7316.01	939.58	2810.35	########	########
13123.00	86.10	85.60	95.00	10415.65	-7323.05	947.59	2904.75	########	########
13218.00	90.50	90.60	95.00	10418.47	-7325.87	950.73	2999.60	########	########
13313.00	92.30	93.00	95.00	10416.15	-7323.55	947.75	3094.52	########	########
13407.00	91.80	92.80	94.00	10412.78	-7320.18	943.00	3188.33	########	########
13502.00	90.60	91.90	95.00	10410.79	-7318.19	939.10	3283.23	########	########
13597.00	88.10	92.30	95.00	10411.87	-7319.27	935.62	3378.15	########	########
13692.00	86.10	91.80	95.00	10416.68	-7324.08	932.23	3472.97	########	########
13786.00	85.90	92.30	94.00	10423.23	-7330.63	928.87	3566.68	########	########
13881.00	89.60	94.20	95.00	10426.96	-7334.36	923.49	3661.43	########	########
13976.00	83.90	89.60	95.00	10432.35	-7339.75	920.34	3756.16	########	########
14070.00	93.20	92.60	94.00	10434.73	-7342.13	918.53	3850.00	########	########
14165.00	88.50	91.80	95.00	10433.32	-7340.72	914.89	3944.89	########	########
14259.00	88.00	92.20	94.00	10436.19	-7343.59	911.61	4038.79	########	########
14354.00	82.60	92.10	95.00	10443.97	-7351.37	908.06	4133.37	########	########
14448.00	81.10	90.70	94.00	10457.30	-7364.70	905.78	4226.39	########	########
14542.00	78.30	89.60	94.00	10474.10	-7381.50	905.54	4318.86	########	########
14657.00	87.10	89.90	115.00	10488.70	-7396.10	906.03	4432.81	########	########
14731.00	88.90	92.90	74.00	10491.28	-7398.68	904.22	4506.74	########	########
14826.00	89.80	96.90	95.00	10492.36	-7399.76	896.11	4601.36	########	########
14921.00	89.00	99.10	95.00	10493.36	-7400.76	882.89	4695.43	########	########
15016.00	88.70	101.30	95.00	10495.26	-7402.66	866.07	4788.90	########	########

32° 17' 19.	104° 6' 27.	8.77	22.85	501.01
32° 17' 19.	104° 6' 26.	2.22	348.69	546.79
32° 17' 19.	104° 6' 25.	2.27	111.79	641.47
32° 17' 19.	104° 6' 24.	1.80	96.71	736.35
32° 17' 19.	104° 6' 23.	2.63	182.29	831.26
32° 17' 19.	104° 6' 22.	1.89	51.85	925.17
32° 17' 19.	104° 6' 21.	2.78	232.64	1020.05
32° 17' 19.	104° 6' 19.	1.86	47.29	1114.89
32° 17' 19.	104° 6' 18.	0.68	308.66	1208.81
32° 17' 19.	104° 6' 17.	2.26	228.77	1302.62
32° 17' 19.	104° 6' 16.	4.76	59.53	1397.52
32° 17' 19.	104° 6' 15.	0.74	180.00	1492.50
32° 17' 19.	104° 6' 14.	0.85	90.01	1586.47
32° 17' 19.	104° 6' 13.	1.13	68.21	1681.41
32° 17' 19.	104° 6' 12.	4.40	258.91	1776.36
32° 17' 19.	104° 6' 11.	5.35	263.07	1869.99
32° 17' 19.	104° 6' 10.	2.40	66.83	1964.44
32° 17' 19.	104° 6' 8.9	3.04	53.55	2058.23
32° 17' 19.	104° 6' 7.8	2.17	75.95	2153.19
32° 17' 19.	104° 6' 6.7	1.79	89.99	2248.17
32° 17' 19.	104° 6' 5.6	1.98	216.26	2342.16
32° 17' 19.	104° 6' 4.5	0.74	224.99	2437.15
32° 17' 19.	104° 6' 3.4	2.78	204.58	2532.04
32° 17' 19.	104° 6' 2.3	4.14	48.17	2625.95
32° 17' 19.	104° 6' 1.2	2.32	230.49	2720.90
32° 17' 19.	104° 6' 0.1	5.51	244.75	2814.59
32° 17' 19.	104° 5' 59.	1.20	52.08	2909.02
32° 17' 19.	104° 5' 57.	7.01	48.74	3003.88
32° 17' 19.	104° 5' 56.	3.16	53.10	3098.78
32° 17' 19.	104° 5' 55.	0.57	201.79	3192.58
32° 17' 19.	104° 5' 54.	1.58	216.87	3287.46
32° 17' 19.	104° 5' 53.	2.67	170.91	3382.36
32° 17' 19.	104° 5' 52.	2.17	194.01	3477.16
32° 17' 19.	104° 5' 51.	0.57	111.87	3570.85
32° 17' 19.	104° 5' 50.	4.38	27.21	3665.58
32° 17' 19.	104° 5' 49.	7.70	218.76	3760.30
32° 17' 19.	104° 5' 48.	10.39	17.93	3854.13
32° 17' 19.	104° 5' 46.	5.02	189.67	3949.00
32° 17' 19.	104° 5' 45.	0.68	141.36	4042.88
32° 17' 19.	104° 5' 44.	5.69	181.05	4137.45
32° 17' 19.	104° 5' 43.	2.17	222.64	4230.45
32° 17' 19.	104° 5' 42.	3.19	201.04	4322.92
32° 17' 19.	104° 5' 41.	7.66	1.96	4436.88
32° 17' 19.	104° 5' 40.	4.73	59.08	4510.79
32° 17' 19.	104° 5' 39.	4.32	77.35	4605.38
32° 17' 19.	104° 5' 38.	2.46	109.99	4699.38
32° 17' 19.	104° 5' 37.	2.34	97.79	4792.78

15081.00	87.90	101.80	65.00	10497.19	-7404.59	853.06	4852.55	########	########
15157.00	87.90	101.80	76.00	10499.98	-7407.38	837.53	4926.90	########	########

32° 17' 18.	104° 5' 36.	1.45	148.01	4856.38
32° 17' 18.	104° 5' 35.	0.00	0.00	4930.65 Projection to TD-15157.00' MD