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Base #11 = 0+00 10S

Check Traverse 4/28

OR12ABA

TR. MK. REG. U.S. PAT. OFF.

Sta	Time	Dial			
0+00	14:17	91.69	91.84	0	11.84
2	20	.72	11.87	0	11.87
4	21	58	11.73	0	11.73
6	22	67	11.82	0	11.82
8	23	67	11.82	1	11.81
10	24	65	11.80	1	11.79
12	25	65	11.80	1	11.79
14	26	58	11.73	1	11.72
16	27	57	11.73	1	11.72
18	28	57	11.73	1	11.72
20	29	52	11.67	1	11.66
22	30	50	11.65	1	11.64
24	31	48	11.63	2	11.61
26	32	54	11.69	2	11.67
28	33	61	11.76	2	11.74
30	34	61	11.76	2	11.74
32	35	61	11.76	2	11.74
34	36	91.86	12.01	2	11.99
36	41	92.11	12.26	2	12.23
38	42	91.36	11.51	3	11.48
40	43	90.92	11.07	3	11.04
42	45	90.95	11.10	3	11.07
43		91.50	11.65	3	11.62
44	46	93.46	13.61	3	13.58
45		94.15	14.30	4	14.26
46	49	92.11	12.26		12.22
48	50	90.43	10.58	4	10.54
50	51	90.60	10.75		10.71
5000 E of Base 12 Line 9S					
5000	15:00	91.32	11.47	5	11.42
48	15.01	91.44	11.59	6	11.53

ORIGINAL COPR. 1916 BY J. C. PARKER

LEFAX; PHILADELPHIA 7, PA MADE IN U.S.A.

0+00 -95 = Base #12
Check traverse
+.15

4/28/66

TR. MK. REG. U.S. PAT. OFF.

sta	Time	Dial			
46	15:02	91.28	91.43	6	91.37
44	3	90.89	91.04	6	90.98
42	4	91.03	91.18	6	91.12
40	5	91.27	91.42	6	91.36
38	7	91.37	91.52	6	91.46
36	8	91.64	91.79	6	91.73
34	9	91.85	92.00	6	91.94
32	10	92.11	92.26	6	92.20
30	11	92.20	92.35	7	92.28
28	12	92.08	92.23	7	92.16
26	13	91.99	92.14	7	92.07
24	14	91.96	92.11	7	92.04
22	15	91.83	91.98	7	91.91
20	16	91.83	91.98	7	91.91
18	17	91.82	91.97	7	91.90
16	18	91.82	91.97	7	91.90
14	19	91.82	91.97	8	91.89
12	20	91.82	91.97	8	91.89
10	21	91.87	92.02	8	91.94
8	22	91.89	92.04	8	91.94
6	23	91.97	92.12	8	92.04
4	24	92.02	92.17	8	92.09
2	25	92.01	92.16	8	92.08
Base 12 0+00	27	92.04	92.19	8	92.11 (09)
Base 11	32	91.78	92.93	9	92.84

ORIGINAL COPR. 1919 BY J. C. PARKER

LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A

Base Loop Check

4/28/11

STA	Time	Diff		Value	
Base #15	9:32	92.16	-.03	92.13	
7	11:15	91.78	+.09	91.87	
6	11:26	91.73	+.11	91.84	
#16	12:55	92.84	+.21	93.04	
#15	13:13	91.91	+.23	92.13	
25	1421 ~~1258~~	9074	+9090	9090	0
45	1603	92.09	9285	92.32	+7
44	12	9198	92.14	92.22	+8
26	1703	90.81	9097	90.88	11

ORIGINAL COPR. 1946 ST. J. O. PARKER
TR. MK. REG. U.S. PAT. OFF.
LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A.

Bagiou

33 miles

4-28-66 35

#6, south Base #15 going west

Sta	time	dial			
Base #15			-3	+	
105+60	0932	92.16	12.13	0 12.13	2818
4+00	34	.31	12.28	0 12.28	2853
2+00	36	.42	12.39	0 12.39	2878
100+00	37	.57	12.54	+1 12.55	2915
98+00	38	.29	12.26	1 12.27	2850
96	39	.18	12.15	1 12.16	2825
94	42	.35	12.32	1 12.33	2864
92	43	55	12.52	1 12.53	2911
90	44	.60	12.57	1 12.58	2922
88	45	.75	12.72	1 12.73	2957
86	46	75	12.72	2 12.74	2960
84	48	.76	12.73	2 12.75	2962
82	50	.80	12.77	2 12.79	2971
80	52	.77	12.74	2 12.76	2964
78	54	.90	12.87	2 12.89	2994
76	56	.92	12.89	+3 12.92	3001
74	1004	.83	12.80	4 12.84	2983
72	07	.80	12.77	4 12.81	2976
20	09	.76	12.73	4 12.77	2966
68	10	.78	12.75	4 12.79	2971
66	11	.74	12.71	4 12.75	2962
64	14	.67	12.64	5 12.69	2948

J. L. DARLING CORP. TACOMA, WASH USA No. 314 Rite in the Rain WATERPROOF

sta	time	dial		4-28-66	36
62+00	1015	92.67	12.64	5 12.69	2948
60	16	.67	12.64	5 12.69	2948
58	17	.54	12.51	5 12.56	2918
56	18	.56	12.53	5 12.58	2922
54	19	.58	12.50	5 12.55	2915
52	20	.70	12.67	5 12.72	2955
50	21	.28	12.25	6 12.31	2860
48	22	.22	12.19	6 12.25	2846
46	23	.26	12.23	6 12.29	2855
44	25	.19	12.16	6 12.22	2839
42	30	.34	12.31	7 12.38	2876
40	31	.35	12.32	7 12.39	2878
38	32	.47	12.44	7 12.51	2906
36	34	.49	12.46	7 12.53	2911
34	35	.54	12.51	7 12.58	2922
32	36	.53	12.50	7 12.57	2920
30	37	.48	12.45	7 12.52	2908
28	38	.44	12.41	7 12.48	2899
26	39	.33	12.30	8 12.38	2876
24	40	.33	12.30	8 12.38	2876
22	42	.24	12.21	8 12.29	2855
20	43	.23	12.20	8 12.28	2853
18	44	.14	12.11	8 12.19	2832

J. L. DARLING CORP. TACOMA, WASH. USA No. 314

Rite in the Rain WATERPROOF

sta	time	dial		4-28-66	37
16+00	1045	92.15	12.12	8 12.20	2834
14	47	.05	12.02	8 12.10	2811
12	50	92.00	11.97	9 12.06	2802
10	51	91.99	11.96	9 12.05	2800
8	11.09	.89	11.86	11 11.97	2781
6	10	.83	11.80	11 11.91	2767
4	11	.85	11.82	11 11.93	2771
2	12	.82	11.79	11 11.90	2764
Base #7 0	11 15	.78	11.75	+12 11.87	2757
			12 88	(81)	
Base #6 going east to Base #16					
Base 6 0	11.26	91.73	+17 91.80	+ 0 11.80	2741
2	35	.60	11.67	1 11.68	2713
4	36	.76	11.83	1 11.84	2750
6	37	.87	11.94	2 11.96	2778
8	38	.85	11.92	2 11.94	2774
10	39	.82	11.89	2 11.91	2767
12	40	.84	11.91	2 11.93	2771
14	41	92.01	12.08	2 12.10	2811
16	42	.05	12.12	2 12.14	2820
18	43	.10	12.17	2 12.19	2832
20	44	.22	12.29	3 12.32	2862
22	44	.29	12.36	3 12.39	2878

J. L. DARLING CORP. TACOMA, WASH U.S.A. No. 314

WATERPROOF

			11-28-66	4-28-66	38
Sta	time	dial			
24	1145	92.27	12.34 +7	12.37 3	2874
26	46	.36	12.43	12.46 3	2894
28	47	.36	12.43	12.46 3	2894
30	48	.46	12.53	12.56 3	2918
32	49	.51	12.58	12.61 3	2929
34	50	.66	12.73	12.76 3	2964
36	52	.63	12.70	12.74 4	2960
38	53	.72	12.79	12.83 4	2980
40	55	.88	12.95	12.99 4	3018
42	56	.78	12.85	12.89 4	2994
44	57	.48	12.55	12.59 4	2925
46	58	.23	12.30	12.35 5	2869
48	59	.26	12.33	12.38 5	2876
50	12.01	.32	12.39	12.44 5	2890
52	02	.24	12.31	12.36 5	2871
54	04	.33	12.40	12.45 5	2892
56	05	92.02	12.09	12.15 6	2822
58	07	.98	12.55	12.61 6	2929
60	08	.58	12.65	12.71 6	2953
62	15	.76	12.83	12.90 7	2997
64	16	.92	12.99	13.06 7	3034
66	17	93.02	13.09	13.16 7	3057

J. L. DARLING CORP. TACOMA, WASH USA No. 314 WATERPROOF

Sta	fine	dial			
~~64~~					
~~66~~					
68	12.19	93.16	+7 13.23	+8 13.31	3092
70	21	.27	13.34	8 13.42	3117
72	23	.33	13.40	8 13.48	3131
~~74~~	24	.36	13.43	8 13.51	3138
76	25	.36	13.43	8 13.51	3138
78	26	.29	13.36	9 13.45	3124
80	27	.27	13.34	7 13.43	3120
82	28	.08	13.15	9 13.24	3076
84	29	.14	13.21	9 13.30	3090
86	32	.39	13.46	9 13.55	3148
88	34	.68	13.75	10 13.85	3217
90	36	.80	13.87	10 13.97	3245
92	37	.70	13.77	10 13.87	3222
94	41	.53	13.60	10 13.70	3183
96	43	.32	13.39	11 13.50	3136
98	44	.33	13.40	11 13.51	3138
100	46	.23	13.30	12 13.42	3117
102	48	98.09	13.11	12 13.23	3073
104	53	92.84	12.81	12 12.93	3004
Back 16 105+60	55	.84	12.91	+13 13.04	3029
Back 15	13.13	11.96	12.03	12.16	2825

TACOMA, WASH. U.S.A. WATERPROOF

Check line

Base # 11 going east to 5000'

Base 11	14 17	91.69
2	20	.72
4	21	.58
6	22	.67
8	23	.67
10	24	.65
12	25	.65
14	26	.58
16	27	.57
18	28	.57
20	29	.52
22	30	.50
24	31	.48
26	32	.54
28	33	.61
30	34	.61
32	35	.61
34	36	.86
36	41	92.11
38	42	91.36
40	43	90.92
42	45	90.95
43		91.50

J. L. DARLING CORP. TACOMA, WASH U.S.A. No. 314
WATERPROOF

sta	time	dial
44	14 46	93.96
45	48	94.15
46	49	92.11
48	50	90.43
50	51	90.60

going to line ¼ north and proceeding 5000 ' west to base 12

50	1500	91.32
48	01	.44
46	02	.28
44	03	90.89
42	04	91.03
40	05	.27
38	07	.37
36	08	.64
34	09	.85
32	10	92.11
30	11	.20
28	12	.08
26	13	91.99
24	14	.96
22	15	.83
20	16	.83

J. L. DARLING CORP. TACOMA, WASH. U.S.A. No. 314
Rite-in-the-Rain WATERPROOF

Sta	time	dial
18	1517	91.82
16	18	.82
14	19	.82
12	20	.82
10	21	.87
8	22	.89
6	23	.97
4	24	92.02
2	25	.01
Base 12 0	27	92.04
Base 11	32	91.78

J. L. DARLING CORP. TACOMA, WASH. U.S.A. No. 314 WATERPROOF

Sta	time	dial		4-29-66	43
Base 17 going west to base 5					
105+60 Base #17	0927	93.29	-9 93.20	13.20	3066
104+00	33	.12	13.08	13.08	3038
102	34	.11	13.07	13.07	3036
100	36	99.12	14.08	14.08	3276
98	37	.07	14.03	14.03	3259
96	38	.16	14.12	14.12	3280
94	40	.67	14.63	14.64	3401
92	47	.56	14.52	14.53	3375
90	54	93.73	13.69	13.70	3183
88	58	.40	13.36	13.37	3106
86	59	.48	13.44	13.45	3124
84	1002	.50	13.46	13.48	3131
82	03	.47	13.43	13.45	3124
80	04	.33	13.29	13.31	3092
78	06	.30	13.26	13.28	3085
76	07	.31	13.27	13.29	3087
74	08	.10	13.06	13.08	3038
72	09	92.99	12.95	12.97	3013
70	10	93.07	13.03	13.05	3032
68	11	.13	13.09	13.11	3045
66	12	.10	13.06	13.08	3038
64	14	92.85	12.81	12.83	2980

				4 29-66	41
Sta	time	dial	-4		
62	10 15	92.62	12.58	12.60	2927
60	16	.43	12.39	12.41	2883
58	17	.32	12.28	12.30	2857
56	19	.20	12.16	12.18	2829
54	21	.15	12.11	12.13	2818
52	25	05	12.01	12.04	2797
50	27	91.99	11.95	11.98	2783
48	30	92.15	12.11	12.19	2820
46	32	.15	12.11	12.14	2820
44	33	.20	12.16	12.19	2832
42	35	.34	12.30	12.33	2864
40	37	.45	12.41	12.44	2890
38	38	.48	12.44	12.47	2897
36	39	.70	12.66	12.69	2948
34	40	.80	12.76	12.79	2971
32	41	92.99	12.95	12.98	3015
30	42	90	12.86	12.89	2994
28	43	78	12.74	12.77	2966
26	44	59	12.55	12.58	2922
24	45	49	12.45	12.49	2901
22	46	39	12.35	12.39	2878
20	47	22	12.18	12.22	2839

Sta	tens	dial			
28	1048	92.16	12.12	12.16	2825
16	49	.10	12.06	12.10	2811
11	50	92.00	11.96	12.00	2788
12	51	91.89	11.85	11.89	2762
10	52	.83	11.79	11.83	2748
8	53	.83	11.79	11.83	2748
6	54	.75	11.71	11.75	2730
4	54	.68	11.64	11.68	2713
2	55	.65	11.61	11.65	2706
Base #5 0	56	.66	11.62	+4 11.66	2709

Base #4 going last to Base 18

Base #4 0	11 11	91.58	11.54	11.58	2690
2	19	57	11.53	11.58	2690
4	20	.69	11.65	11.65	2706
6	21	.67	11.63	11.69	2716
8	22	.82	11.78	11.89	2750
10	23	.83	11.79	11.85	2752
12	24	.93	11.89	11.95	2776
14	25	.95	11.91	11.97	2781
16	26	92.06	12.02	12.08	2806

				4-29-66	46
sta	time	dial	+4		
18	1127	92.07	12.03	3 12.10	2811
20	28	.09	12.05	3 12.12	2815
22	29	.21	12.17	3 12.24	2843
24	30	.27	12.23	3 12.30	2857
26	31	.36	12.32	3 12.39	2878
28	32	.45	12.41	3 12.48	2899
30	33	.69	12.65	4 12.73	2957
32	34	.97	12.93	4 13.01	3022
34	35	93.17	13.13	4 13.21	3069
36	36	.32	13.28	4 13.36	3104
38	37	.41	13.37	4 13.45	3124
40	38	.44	13.40	4 13.48	3131
42	39	.64	13.60	5 13.69	3180
44	40	.62	13.58	5 13.67	3176
46	41	.71	13.67	5 13.76	3196
48	50	.72	13.68	5 13.78	3152 ~~3248~~
50	51	.50	13.46	7 13.57	3152
52	52	.31	13.27	7 13.38	3108
54	53	.22	13.18	7 13.29	3087
56	54	.35	13.31	8 13.43	3120
58	55	.23	13.19	8 13.31	3092
60	56	23	13.19	8 13.31	3092

Sta	time	dial	-4		
62	1158	93.21	13.17	13.30	3090
64	59	.29	13.25	13.38	3108
66	1200	.17	13.13	13.26	3080
68	01	.33	13.29	13.42	3117
70	03	.37	13.33	13.46	3127
72	04	.19	13.15	13.28	3085
74	05	92.80	12.76	12.89	2994
76	.12	.67	12.63	12.77	2966
78	.13	.64	12.60	12.75	2962
80	.14	.76	12.72	12.87	2990
82	.15	.80	12.76	12.91	2999
84	16	.77	12.73	12.88	2992
86	17	.68	12.64	12.79	2971
88	19	.65	12.61	12.77	2966
90	21	.56	12.52	12.68	2946
92	23	.44	12.40	12.56	2918
94	25	.48	12.44	12.61	2929
96	27	.56	12.52	12.69	2948
98	28	.86	12.82	12.99	3018
100	29	93.19	13.15	13.32	3094
102	31	.34	13.30	13.47	3129
104	32	.49	13.45	13.62	3164

J. L. DARLING CORP. TACOMA, WASH. U.S.A. No. 314

WATERPROOF

Sta	tim	d:il		4-29-66	48
Base 18 105+60	1233	9319	13.15 +13	13.33	3097
Base 17	44	11	13.07		

J. L. DARLING CORP. TACOMA, WASH USA No. 314

WATERPROOF

Sta	time	dial		4-29	(a)
Base 25 going east 1/4 mile					
Base 25	1358	90.75	90.90 (+15)	10.90	2532
2	1402	.97	91.12	11.12	2583
4	04	.68	11.83	11.83	2748
6	05	.95	12.08	12.08	2806
8	06	92.74	12.87	12.87	2990
10	08	91.12	11.25	11.25	2613
12	09	90.92	11.07	11.07	2572
13+20	11	90.84	10.99	10.99	2553
Base 25	18	90.75	10.90	10.90	2532
Base 25 going west to Base # 45					
66+00	1421	90.74	90.90 (+16)	10.90	2532
64	24	.94	11.10	11.10	2579
62	25	.49	10.65	10.65	2474
60	26	.91	11.07	11.07	2572
58	27	.83	10.99	10.99	2553
56	28	.77	10.93	10.93	2539
54	29	.29	10.45	10.45	2428
52	31	.31	10.47	10.46 (-1)	2430
50	32	89.07	89.23	9.22 (-1)	2142
48	34	90.99	11.15	11.14 (-1)	2588
46	36	.33	10.49	10.48 (-1)	2435

J. L. DARLING CORP. TACOMA, WASH. USA No. 314 WATERPROOF

				4-29	b
Sta	time	dial	+16		
44	1446	90.41 16	10.57	-1 10.56	2453
42	47	89.86 16	10.02	-1 10.01	2325
40	50	90.18 16	10.34	-2 10.32	2397
38	1506	.97	11.03	-2 11.01	2558
36	08	.56 16	10.72	-3 10.69	2483
34	12	.35 16	10.51	-3 10.48	2435
32	14	.64 16	10.80	-3 10.77	2502
30	16	.75 16	10.91	-3 10.88	2527
28	19	.87	11.00	-3 10.97	2548
26	23	91.12	11.25	-4 11.21	2604
24	24	.30	11.46	-4 11.42	2653
22	25	.32	11.48	-4 11.44	2658
20	26	.33	11.49	-4 11.45	2660
18	28	.42 16	11.58	-4 11.54	2681
16	29	.37 16	11.53	-4 11.49	2669
14	30	.27	11.43	-4 11.39	2646
12	31	.27	11.43	-4 11.39	2646
10	32	.27	11.43	-4 11.39	2646
8	33	.54	11.70	-4 11.66	2709
6	34	.80	11.96	-4 11.92	2769
4	36	.98	12.14	-4 12.10	2811
2	37	92.16 16	12.32	-4 12.28	2853
Bar 45 0	1603	92.09 16	12.25	-6 12.19	2832

DANNING CORP. TACOMA, WASH. USA NO. 344 WATERPROOF

Sta	time	dial		4-29	(c)
Base 44	44	gons	east	to base # 26	
Base 44	1612	91.98	92.06	12.06	2802
2	15	77	11.85	11.85	2753
4	16	58	11.66	11.66	2709
6	17	38	11.46	11.46	2662
8	18	26	11.34	-1 11.35	2637
10	18	18	11.26	-1 11.27	2618
12	19	18	11.26	-1 11.27	2618
14	20	95	11.53	-1 11.54	2681
16	22	56	11.64	-1 11.65	2706
18	23	72	11.80	-1 11.81	2743
20	24	44	11.52	-1 11.53	2678
22	26	10	11.18	-1 11.19	2599
24	27	90.95	11.03	-1 11.04	2565
26	29	91.07	11.15	-2 11.17	2595
28	34	90.97	10.55	-2 10.57	2455
30	38	89.55	9.63	-2 9.65	2242
32	41	89.63	9.71	-3 9.74	2263
34	42	.31	9.39	-3 9.42	2188
Base 49 34+80	43	85	9.93	+3 9.96	2314
~~Base 26~~	~~17.03~~	~~90.81~~	~~10.89~~		

J. L. DARLING CORP. TACOMA, WASH U.S.A. No. 314

Rain the Rain WATERPROOF

9108 5-2-66

①

Newmont
Line #5 north

Base 49 Heading east from 4 north to east end of line 4

STATION	Time	Degree			
00+0	10.52	89.82	9.96	9.96	2314
2	11.00	88.78	8.92	8.93	2074
4	11.01	90.17	10.31	10.32	2397
6	11.03	90.28	10.42	10.44	2425
8	11.04	90.11	10.25	10.27	2386
1000+0	11.05	90.18	10.32	10.34	2402
12	11.07	90.73	10.87	10.89	2530
14	11.08	88.86	9.00	9.03	2098
16	11.10	89.50	9.64	9.67	2246
18	11.12	90.48	10.62	10.65	2474
20	11.14	90.04	10.18	10.22	2374
22	11.16	90.31	10.45	10.49	2437
24	11.18	90.51	10.65	10.69	2483
26	11.20	90.60	10.74	10.78	2504
28	11.22	90.68	10.82	10.86	2523
30	11.24	90.87	11.01	11.05	2567
32	11.25	90.63	10.77	10.81	2511
34	11.25	90.88	11.02	11.08	2574

Base 26

See PAGE # 22

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42
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Starting Point
Base 19-# 2 South
Going West for 2 miles.
To Base # 3.

5-2-66

(2)

STA	Time	Desire. +22			
10000+560	12.51	92.62	12.84	12.84	2983
10+400	12.54	92.15	12.37	12.37	2874
10+200	12.56	92.59	12.81	12.80	2973
10000	12.57	92.29	12.51	12.50	2904
9+8	12.57	92.18	12.40	12.39	2878
9+6	12.59	92.09	12.31	12.30	2857
9+4	1.00	92.19	12.41	12.40	2881
9+2	1.03	92.58	12.80	12.78	2969
9000+0	1.09	92.71	12.93	12.90	2997
8+8	1.20	92.57	12.79	12.74	2960
8+6	1.22	93.30	13.52	13.47	3129
8+4	1.25	94.12	14.36	14.30	3322
8+2	1.26	93.05	13.27	13.21	3069
8000+0	1.27	92.57	12.79	12.73	2957
7+8	1.28	92.83	13.05	12.99	3018
7+6	1.31	92.36	12.58	12.51	2906
7+4	1.33	92.08	12.30	12.23	2841
7+2	1.35	92.15	12.37	12.30	2857
7000+0	1.37	92.31	12.53	12.45	2892
6+8	1.39	92.52	12.74	12.66	2941
6+6	1.40	92.25	12.47	12.39	2878
6+4	1.40	92.19	12.41	12.33	2864
6+2	1.41	92.00	12.22	12.14	2820
6000+0	1.42	92.06	12.28	12.20	2834
5+8	1.50	92.42	12.64	12.54	2913
5+6	1.52	92.79	13.01	12.91	2999
5+4	1.54	93.11	13.33	13.23	3073
5+2	1.56	92.13	12.35	12.24	2843
5000+0	1.57	92.13	12.35	12.24	2843
4+8	1.58	92.07	12.29	12.18	2829

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New Mont
Line #2 South

5-2-66
(3)

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4+6	1.58	92.24	12.46	12.35	2869	
4+4	1.59	92.31	12.53	12.42	2885	
4+2	2.00	92.35	12.55	12.44	2890	
4000+0	2.01	92.40	12.62	12.50	2904	
3+8	2.03	92.31	12.53	12.41	2883	
3+6	2.10	92.38	12.56	12.43	2887	
3+4	2.11	92.28	12.50	12.37	2874	
3+2	2.12	92.21	12.43	12.30	2857	
3000+0	2.13	92.12	12.36	12.22	2839	
2+8	2.14	92.13	12.37	12.23	2841	
2+6	2.14	92.16	12.40	12.26	2848	
2+4	2.15	91.99	12.21	12.07	2804	
2+2	2.16	92.04	12.26	12.12	2815	
2000+0	2.17	91.93	12.15	12.01	2790	
1+8	2.18	91.90	12.12	11.98	2783	
1+6	2.19	91.85	12.07	11.92	2769	
1+4	2.20	91.81	12.03	11.88	2760 ~~2992~~	
1+2	2.21	91.70	11.92	11.77	2734	
1000	2.23	91.72	11.94	11.79	2739	
8	2.25	91.65	11.87	11.71	2720	
6	2.26	91.58	11.80	11.64	2709	
4	2.27	91.53	11.75	11.59	2692	
2	2.29	91.43	11.65	11.49	2669	
0	2.30	91.46	11.68	11.51	2674	

Base 3

100' south of line

Newmont
Line #1 South

Base #2

5/2/66

(4)

0+0	2.47	91.43	+4	91.47	11.47	2664
2+0	2.52	91.44		11.48	11.49	2669
4+0	2.53	91.48		11.52	11.53	2678
6+0	2.54	91.54		11.58	11.59	2692
8+0	2.56	91.56		11.60	11.61	2697
1000+0	2.57	91.57		11.61	11.63	2702
12+0	2.58	91.66		11.70	11.72	2723
14+0	2.58	91.69		11.73	11.75	2730
16+0	2.59	91.73		11.77	11.79	2739
18+0	3.00	91.72		11.76	11.78	2736
2000+0	3.01	91.81		11.85	11.87	2757
22+0	3.02	91.77		11.81	11.83	2748
24+0	3.02	91.80		11.84	11.86	2755
26+0	3.03	91.83		11.87	11.90	2764
28+0	3.04	91.83		11.87	11.90	2764
3000+0	3.05	91.80		11.84	11.87	2757
32+0	3.06	91.80		11.84	11.87	2757
34+0	3.06	91.85		11.89	11.92	2769
36+0	3.07	91.78		11.82	11.85	2753
38+0	3.07	91.85		11.89	11.92	2769
4000+0	3.11	91.85		11.89	11.93	2771
42+0	3.14	91.92		11.96	12.00	2788
44+0	3.15	91.86		11.90	11.95	2776
46+0	3.16	91.90		11.94	11.99	2786
48+0	3.18	91.90		11.94	11.99	2786
5000+0	3.18	91.81		11.85	11.90	2764
52+0	3.19	91.80		11.84	11.89	2762
54+0	3.20	91.64		11.68	11.73	2725
56+0	3.20	91.60		11.64	11.69	2716
58+0	3.21	91.64		11.68	11.74	2727
6000+0	2.22	91.74		11.78	11.84	2750
6+2	2.22	91.51		11.55	11.61	2697
6+4	2.23	91.12		11.16	11.22	2606

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9284
91.31
1.53

9284
90.88
1.56

Newmont
Line #1 South

5-2-66
(5)

91.29 (bumped up 1.00 RATE OFF)

6+6	3.34	91.31		11.35	11.43	2655
6+8	3.35	91.49		11.53	11.61	2697
7+0	3.36	91.54	+29	11.58	11.66	2709
7+2	3.44	91.37	+29	11.68	11.77	2734
7+4	3.45	91.22		11.51	11.61	2697
7+6	3.46	91.16		11.45	11.55	2683
7+8	3.47	91.12		11.41	11.51	2674
8+0	3.48	91.27		11.56	11.66	2709
8+2	3.54	90.89		11.18	11.29	2623
8+4	3.59	91.35		11.64	11.76	2732
8+6	4.02	91.08		11.37	11.49	2669
8+8	4.04	91.02		11.31	11.49	2658
9+0	4.07	91.35		11.64	11.77	2734
9+2	4.08	90.53		10.82	10.95	2544
9+4	4.08	90.29		10.58	10.71	2488
9+6	4.11	91.17		11.46	11.59	2692
9+8	4.12	91.32		11.61	11.75	2730
10+0	4.15	91.51		11.80	11.94	2774
10+2	4.16	91.25		11.54	11.68	2713
10+4	4.18	90.10		10.39	10.53	2446
10+6	4.19	90.77		11.06	11.20	2602
10+56	04.19	90.88		11.17	11.31	2627

11.14

11.19

92.44

Base 20

10560
11320
91.90

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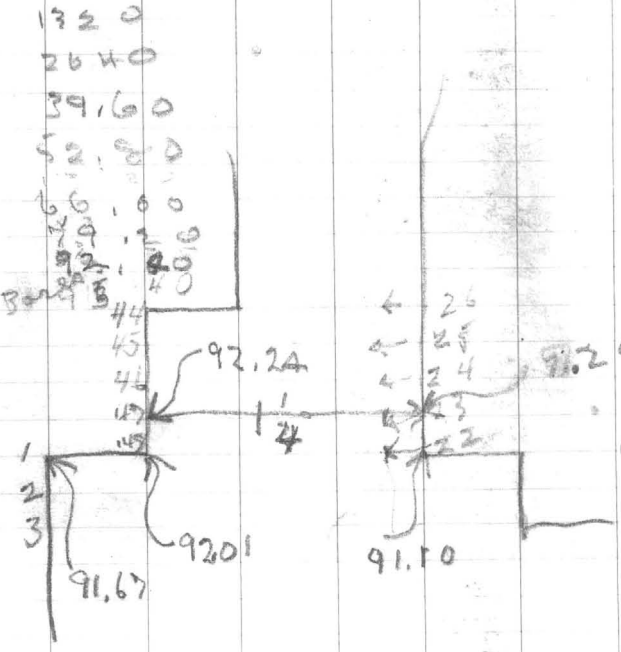
TEST

W. 91.29 ON 7+0
N. 91.29
E. 91.27



Newmont.
line O. North O.S.
Start - Base #22 - to Base #1

5-3-66
(6)

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TRIMIT REG. U.S. PAT. OFF.

			+26	+		
Base 22 9+24	0	9.01	91.84	12.10	0	12.10	2811
9000+0	1	9.09	90.87	11.13	1	11.14	2588
8+8	1	9.11	90.99	11.25	1	1126	2616
8+6	1	9.12	90.92	11.18	1	11.19	2599
8+4	2	9.14	91.28	11.54	2	1156	2686
8+2	2	9.15	91.06	11.32	2	1134	2634
8000+0	2	9.16	91.15	11.41	2	1143	2655
7+8	3	9.20	91.04	11.30	3	1133	2634
7+6	3	9.23	91.08	11.34	3	1137	2641
7+4	3	9.25	91.01	11.27	3	1130	2625
7+2	4	9.36	90.96	11.22	4	1126	2616
7000+0	4	9.38	91.06	11.32	4	1136	2639
6+8	4	9.39	91.10	11.36	4	1140	2648
6+6	4	9.40	91.02	11.28	4	1132	2630
6+4	5	9.41	91.19	11.45	5	1150	2671
6+2	5	9.42	91.27	11.53	5	1158	2690
6000+0	5	9.44	91.26	11.52	5	1157	2688
5+8	5	9.46	91.32	11.58	5	1163	2702
5+6	6	9.48	91.52	11.78	6	1184	2750
5+4	6	9.49	91.40	11.66	6	1172	2723
5+2	6	9.50	91.35	11.61	6	1167	2711
5000+0	6	9.51	91.29	11.55	6	1161	2697
4+8	6	9.52	91.35	11.61	6	1167	2711
4+6	6	9.53	91.45	11.71	6	1177	2734
4+4	7	9.54	91.55	11.81	7	1187	2757
4+2	7	9.55	91.67	11.93	7	1200	2788
4000+0	7	9.58	91.70	11.96	7	1203	2795
3+8	7	9.58	91.75	12.01	7	1208	2806
3+6	8	10.00	91.82	12.08	8	1216	2825
3+4	8	10.00	91.74	12.00	8	1208	2806

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Newmont
Line #0 North

5/3/66
(7)

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3+2	10.01	91.78	12.09	1212		2815
3+0	10.03	91.71	11.97	1205		2799
2+8	10.11	91.70	11.96	1205		2799
2+6	10.14	91.65	11.91	12.01		2790
2+4	10.18	91.60	11.96	1196		2778
2+2	10.19	91.61	11.97	1197		2781
2000+0	10.20	91.52	11.83	1184		2750
1+8	10.22	91.56	11.87	1188		2760
1+6	10.23	91.45	11.76	1177		2734
1+4	10.23	91.46	11.77	1178		2736
1+2	10.25	91.47	11.78	1179		2738
1000+0	10.26	91.43	11.79	1175		2730
0+8	10.27	91.44	11.75	1176		2732
0+6	10.28	91.39	11.70	1171		2720
0+4	10.29	91.32	11.63	1165		2706
0+2	10.30	91.38	11.69	1171		2720
0+0	10.33	91.29	11.60	1162		2699
Base						
47	11.08	91.87	12.18	1224		2843

Base Turnup

LEFAX, PHILADELPHIA, 7, PA. MADE IN U.S.A.

Newmont
Line #1 North

5-3-66
8

B #47

0+0	11.08	91.87 +37	1224	1224	2843
0+2	11.09	91.87	1224	1224	2843
0+4	11.10	91.95	1232	1232	2862
0+6	11.11	92.16	1253	1253	2911
0+8	11.12	92.02	1139	1139	2646
1000+0	11.13	92.00	1237	1237	2874
1+2	11.14	91.94	1231	1231	2860
1+4	11.15	91.89	1226	1226	2848
1+6	11.16	91.91	1228	1227	2850
1+8	11.17	91.95	1232	1231	2861
2000+0	11.18	91.90	1227	1226	2848
2+2	11.19	91.78	1215	1214	2820
2+4	11.20	91.51	1188	1187	2757
2+6	11.21	91.35	1172	1171	2720
2+8	11.40	91.32	1169	1167	2711
3000+0	11.41	91.15	1152	1150	2671
3+2	11.42	91.00	1137	1135	2637
3+4	11.44	90.98	1135	1132	2630
3+6	11.45	90.94	1131	1128	2620
3+8	11.46	90.92	1129	1126	2616
4000+0	11.48	90.95	1132	1129	2623
4+2	11.49	90.85	1122	1119	2599
4+4	11.50	90.62	1099	1096	2546
4+6	11.51	90.68	1105	1102	2560
4+8	11.51	90.54	1121	1118	2597
5000+0	11.53	90.64	1101	1098	2551
5+2	11.54	90.74	1111	1108	2574
5+4	11.58	90.78	1115	1111	2581
5+6	11.00	90.76	1113	1109	2576
5+8	12.01	90.69	1106	1102	2560
6000+0	12.02	90.79	1116	1112	2583

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Newmont Line #1 North

6+72	12.03	90.77		1114	1110	2579
6+74	12.04	90.76		1113	1109	2576
6+76	12.05	90.87		11,24	1120	2602
	12.14	91.69	+33	1206	1207	2804
6+78	1.07	90.77	+33	1110	1118	2597
7200+80	1.10	90.72		1105	1113	2585
7+82	1.12	90.79		1112	1120	2602
7+84	1.13	90.81		1114	1122	2606
7+86	1.14	90.75		1108	1117	2595
7+88	1.15	91.13		1146	1155	2683
7+9200	1.16	91.26		1159	1168	2713

Starting Point 2 miles East of W.B.L. going West To Base #24

1320	1.24	90.83		1116	1126	2616
1200	1.26	90.57		1090	1100	2555
1000	1.27	91.10		1143	1153	2678
800	1.28	91.05		1138	1148	2667
600	1.29	90.69		1100	1110	2579
400	1.30	90.62		1095	1106	2569
200	1.31	90.69		1102	1113	2585
0	1.34	90.65		1098	1109	2576
or Base 24 ↑				(1109)		
	1.40	90.77	Base 28	1110		

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Mag Check

N. 90.73
W. 90.75
E. 90.73

Check 1
5/4/66

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Newmont
Line #2 north

54-66
10

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Starting at Base 24 heading West To Base 46

6+6	10.13	90.73	1109	1109	2576
6+4	10.15	90.65	1101	1101	2558
6+2	10.16	90.62	1098	1098	2551
6000+0	10.17	90.58	1094	1094	2541
5+8	10.18	90.71	1107	1107	2572
5+6	10.19	90.53	1089	1090	2532
5+4	10.20	90.53	1089	1090	2532
5+2	10.21	90.52	1088	1089	2530
5000+0	10.22	90.45	1081	1082	2513
4+8	10.23	90.42	1078	1079	2507
4+6	10.23	90.41	1077	1078	2509
4+4	10.26	90.40	1076	1077	2502
4+2	10.27	90.13	1049	1050	2439
4000+0	10.30	90.45	1081	1083	2516
3+8	10.37	90.36	1072	1074	2495
3+6	10.38	90.82	1118	1120	2602
3+4	10.45	90.76	1112	1115	2590
3+2	10.58	90.79	1115	1118	2597
3000+0	11.00	90.68	1104	1108	2574
2+8	11.01	90.74	1110	1114	2588
2+6	11.03	90.99	1133	1137	2641
2+4	11.04	91.00	1136	1140	2648
2+2	11.05	91.21	1157	1161	2697
2000+0	11.09	91.28	1164	1169	2716
1+8	11.09	91.32	1168	1173	2725
1+6	11.11	91.41	1177	1182	2746
1+4	11.12	91.54	1190	1195	2776
1+2	11.15	91.63	1199	1204	2797
1000+0	11.17	91.66	1264	1209	2809

LEFAX, PHILADELPHIA, 7, PA. MADE IN U.S.A.

5-4-66

(11)

Newmont
LINE #2 north

			+36				
800	11.18	91.61		1197	5	1202	2792
600	11.20	91.48		1184	6	1190	2764
400	11.21	91.43		1179	6	1185	2753
200	11.22	91.35		1171	6	1177	2734
0	11.42	91.89	AB	1225	8	1233	2864

400' north of Line

STEEL pipe in ground ABOUT 100 FT. STATION.

6+6	11.21	90.64	B	1100		1109	2576

B24

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LEFAX, PHILADELPHIA, 7 PA. MADE IN U.S.A.
42

Newmont
Line #5 North

5/4/66

(12)

Base #27 going west

+42

3960	1.15	91.29	1171	1171	2720
3+8	1.22	90.67	1109	1109	2576
3+6	1.23	89.57	999	999	2320
3+4	1.23	89.88	1030	1030	2393
3+2	1.25	91.27	1169	1169	2716
3000+0	1.26	90.98	1140	1140	2648
2+8	1.27	90.44	1086	1086	2523
2+6	1.28	89.75	1017	1017	2362
2+4	1.30	91.50	1192	1192	2769
2+2	1.31	91.88	1230	1230	2857
2000+0	1.32	90.18	1060	1060	2462
1+8	1.35	89.29	971	971	2256
1+6	1.36	89.78	1020	1020	2369
1+4	1.45	89.62	1004	1005	2335
1+2	1.46	89.20	962	963	2237
1000+0	1.47	89.00	942	943	2191
800	1.48	88.64	906	907	2107
600	1.49	88.04	846	847	1968
400	1.50	88.45	887	888	2063
200	1.51	89.37	979	980	2277
0	1.53	89.42	984	985	2288

Line #6 North Going E 1 Mile

0	2.10	90.21	1063	1064	2472
200	2.15	90.41	1083	1084	2518
400	2.17	89.48	990	991	2302
600	2.19	88.52	894	895	2079
800	2.20	90.03	1045	1046	2430
1000+0	2.22	91.15	1157	1159	2692
1+2	2.23	90.94	1136	1138	2644
1+4	2.23	90.28	1070	1072	2490
1+6	2.25	90.32	1074	1076	2500

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Newmont

5/4/66

(13)

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Line #6 North

+42

1+8	2.26	89.81	1023	1025	2381	
2000+0	2.29	89.54	996	998	2318	
2+2	2.31	90.91	1133	1135	2637	
2+4	2.32	90.93	1135	1137	2641	
2+6	2.34	90.87	1129	1131	2627	
2+8	2.35	90.88	1130	1132	2630	
2000+0	2.36	89.95	1037	1039	2414	
3+2	2.37	90.67	1109	1111	2581	
3+4	2.38	90.32	1074	1076	2500	
3+6	2.39	90.25	1067	1069	2483	
3+8	2.40	90.39	1081	1083	2516	
3960	2.42	90.97 +42	1139	1141	2651	
4+2	2.46	91.26	11.70	11.69	2716	
4+4	2.47	90.92	11.36	1135	2637	
4+6	2.48	91.82	12.26	1225	2846	
4+8	2.50	91.03	11.47	1146	2662	
5000+0	2.50	92.67	12.51	1250	2904	
5+2	2.52	89.65	10.09	1007	2339	
13+20	2.53	91.13	11.56	1152	2676	
12	3.00	90.96	11.40	1137	2641	
1000	3.01	90.41	10.85	1082	2513	
8	3.02	91.02	11.46	1143	2655	
6	3.03	90.18	10.62	1059	2460	
4	3.04	90.81	11.25	1121	2604	
2	3.05	89.72	10.20	1016	2360	
0	3.06	91.31	11.75	1171	2720	

Base ± 27

line #5N — ¼ m. E of 27

LEFAX, PHILADELPHIA, 7 PA. MADE IN U.S.A.

Time
8.15 Mag Test 5/5/66
W89.39
E89.39
n

Newmont
Line #7 north

5/5/66

(14) (R)

Base 29

3960	8.15	89.39	+26	965	9.65	2242
3+8	8.19	89.94		1020	1020	2369
3+6	8.22	90.32		1058	1059	2460
3+4	8.24	90.94		1120	1121	2604
3+2	8.25	91.51		1177	1178	2736
3000+0	8.26	91.26		1152	1153	2678
2+8	8.27	91.61		1187	1188	2760
2+6	8.28	90.16		1042	1043	2423
2+4	8.30	92.28		1254	1255	2915
2+2	8.31	91.88		1214	1215	2822
2000+0	8.32	92.10		1236	1237	2874
1+8	8.33	91.84		1210	1211	2813
1+6	8.34	91.81		1207	1209	2809
1+4	8.35	91.60		1186	1188	2760
1+2	8.37	89.87		1013	1015	2358
1000+0	8.38	92.64		1290	1292	3001
800	8.38	95.74		1600	1602	3721
600	8.40	93.07		1333 +20 FT.	1335 93.84	3101
400	8.41	92.78		1304	1306	3034
200	8.43	92.43		1269	1271	2953
0	8.45	92.52		1278	1281	2976
Line #8 north						
0	9.20	92.18		1244	1249	2901
200	9.22	92.23		1249	1255	2915
400	9.23	91.94		1220	1226	2848
600	9.29	91.94		1220	1226	2848
800	9.30	92.19		1245	1251	2906
1000+0	9.31	92.08		1234	1240	2881
1+2	9.32	92.22		1248	1254	2913
1+4	9.33	92.00		1226	1232	2862
1+6	9.34	92.14		1240	1247	2897

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42

Dewmont
Line #8 north

5/5/66

(14)

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(b)

1+8	9.35	92.29	+26	1255	7 1262	2932
2000+0	9.36	92.02		1228	7 1235	2869
2+2	9.33	92.34		1260	7 1267	2943
2+4	9.38	92.54		1280	7 1287	2990
2+6	9.39	92.88		1314	7 1321	3069
2+8	9.40	92.12		1238	7 1245	2892
3000+0	9.41	92.17		1243	7 1250	2904
3+2	9.42	91.12		1238	7 1245	2892
3+4	9.43	91.28		1254	7 1261	2929
3+6	9.45	91.25		1251	7 1258	2922
3+8	9.46	92.44	100 FT North of Line	1270	8 1278	2969
4000+0	9.48	93.95	BASE #30	1421	8 1429	3320
4+2	9.54	90.26		1052	8 1060	2462
4+4	9.55	90.31		1057	8 1065	2474
4+6	9.56	88.54		880	8 888	2063
4+8	9.57	89.67		993	8 1001	2325
5000+0	9.58	89.71		997	9 1006	2337
5+280		88.14		840	9 849	1972
Line #7 north						
5+280	10.10	89.38		964	10 974	2263
5000+0	10.12	89.57		983	10 993	2307
4+8	10.15	89.98		1024	10 1034	2402
4+6	10.16	90.56		1082	10 1092	2537
4+4	10.17	90.86		1112	10 1122	2606
4+2	10.18	90.66		1092	11 1103	2562
4+1	10.19	91.01		1127	11 1138	2644
4000+0	10.21	89.28		954	11 965	2242

Base #29

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126) 11.00 (.087
1008
920
88

.087
12
174
87
1044

Newmont
Line #9 north

5/5/66
(15)

B 31

3960	11.20	90.07		1055	1055	2451
3+8	11.21	90.06		1054	1054	2449
3+6	11.22	90.71		1119	1119	2599
3+4	11.23	92.28		1276	1276	2964
3+2	11.24	91.81		1229	1229	2855
3000+0	11.25	91.58		1206	1206	2802
2+8	11.26	90.42		1190	1190	2764
2+6	11.27	92.28		1276	1276	2964
2+4	11.28	91.61		1209	1209	2809
2+2	11.29	92.09		1257	1257	2920
2000+0	11.31	91.71		1219	1219	2832
1+8	11.32	92.18		1266	1266	2941
1+6	11.33	91.89		1237	1237	2874
1+4	11.34	91.61		1209	1209	2809
1+2	11.35	91.55		1203	1203	2795
1000+0	11.37	91.91		1239	1239	2878
800	11.38	91.79		1227	1227	2850
600	11.39	91.32		1180	1181	2743
400	11.41	91.45	river bed	1193	1194	2774
200	11.42	91.67		1215	1216	2825
0	11.43	91.49		1197	1198	2783
Line #10 north						
0	11.56	91.51		1199	1200	2788
200	11.57	91.39		1187	1188	2760
400	12.00	90.58		1106	1107	2572
600	12.04	91.18		1166	1167	2711
800	12.05	91.18		1166	1167	2711
1000+0	12.07	91.15		1163	1164	2704
1+2	12.08	91.47		1195	1196	2778
1+4	12.09	92.52		1300	1301	3022
1+6	12.10	91.99		1247	1248	2899

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Newmont 1

5/5/66

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			+48			
1+8	12.11	91.69		1217	1218	2829
2000+0	12.14	91.34		1182	1183	2748
2+2	12.25	91.66		1214	1216	2825
2+4	12.26	91.85		1233	1235	2869
2+6	12.27	91.65		1213	1215	2822
2+8	12.28	91.12		1160	1162	2699
3000+0	12.29	91.29		1177	1179	2739
3+2	12.30	91.64		1212	1214	2820
3+4	12.31	91.57		1205	1207	2804
3+6	12.32	91.69		1217	1219	2832
3+8	12.33	91.50		1198	1200	2788
4000+0	12.35	91.63	BASE	1211 32	1213	2818
4+2	12.38	91.44		1194	1194	2774
4+4	12.39	91.58		1208	1208	2806
4+6	12.40	91.33		1183	1183	2748
4+8	12.41	91.09		1159	1159	2692
5000+0	12.42	91.29		1179	1179	2739
5+280	12.44	90.97		1147	1147	2664
LINE #9 NORTH						
5+280	12.54	90.11		10.61	1062	2467
5000+0	12.55	90.51		1101	1102	2560
4+8	1.00	90.12		1062	1063	2469
4+6	1.01	90.31		1081	1082	2513
4+4	1.02	90.37		1087	1088	2527
4+2	1.03	90.34		1084	1085	2520
4000+0	1.03	90.04	BASE	1054 31 +1	1055	2451

LEFAX, PHILADELPHIA, 7 PA. MADE IN U.S.A.

Newmont.
line 11 North

5/5/66
(17)

		50	+50			
3960	2.12	91.32	Base	33 1182	1182	2746
3+8	2.15	91.38	~~+180~~	1188	1188	2760
3+6	2.16	91.38		1188	1187	2758
3+4	2.17	91.36		1186	1185	2753
3+2	2.18	91.77		1227	1226	2848
3000+0	2.20	91.53		1203	1202	2792
2+8	2.22	91.80		1230	1228	2853
2+6	2.23	91.44		1194	1192	2769
2+4	2.24	91.55		1205	1203	2795
2000+	2.25	91.59		1209	1207	2804
1+8	2.26	91.50		1200	1198	2783
1+6	2.27	91.62		1212	1210	2811
1+4	2.28	92.62		1312	1309	3041
1+2	2.29	91.63		1213	1210	2811
1000+0	2.31	91.29		1179	1176	2732
0+8	2.34	91.21		1171	1167	2711
0+6	2.35	91.25		1175	1171	2720
0+4	2.39	91.19		1169	1165	2706
0+2	2.41	91.39		1189	1184	2750
00+0	2.46	91.45		1195	1189	2762

line 12 North

00+0	3.05	91.22		1172	1163	2702
0+2	3.08	91.30		1180	1171	2720
0+4	3.12	91.66		1216	1205	2799
0+6	3.18	91.53		1203	1192	2769
0+8	3.20	90.75	River Bed	1120	1109	2576
1000+0	3.21	91.69		1219	1208	2806
1+2	3.22	91.63		1213	1201	2790
1+4	3.23	92.05		1255	1243	2887
1+6	3.24	91.76		1226	1214	2820

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Newmont
Line #12 north

5/5/66
(18)

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+50

1+8	3.27	91.41		1191	1179	2739
2000+0	3.28	91.47		1197	1184	2750
2+2	3.29	91.52		1202	1189	2762
2+4	3.29	91.51		1201	1188	2760
2+6	3.30	91.48		1198	1185	2753
2+8	3.32	91.49		1199	1186	2755
3000+0	3.34	91.46		1196	1182	2746
3+2	3.35	91.44		1194	1180	2741
3+4	3.37	91.45		1195	1181	2743
3+6	3.38	91.40		1190	1176	2732
3+8	3.39	91.42	100 FT north of line	1192	1177	2734
3+960	3.40	91.49	BASE 34	1194	1179	2739
4+2	3.44	91.35		1170	1170	2718
4+4	3.45	91.46		1181	1181	2743
4+6	3.46	91.36		1171	1171	2720
4+8	3.47	91.32		1167	1167	2711
5000+0	7.48	91.36		1171	1171	2720
5+280	7.50	91.36	→ Base *	1171	1171	2720
Line #11 north			ESTABlish			
5+280	4.58	91.41		1176	1177	2734
5000+0	4.59	91.38		1173	1174	2727
4+8	5.00	91.28		1163	1164	2704
4+6	4.01	91.35		1170	1171	2720
4+4	4.02	91.50		1185	1186	2755
4+2	4.03	91.32		1167	1168	2713
4000+0	4.04	91.46	BASE 33.	1181	1182	2746

35 81

LEFAX, PHILADELPHIA, 7 PA. MADE IN U.S.A.

Newmont
Line #12 north
going E

Base

5/6/66

(19)

30' from 35 36 / 2 1

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STA.	Time	Degree	¼ mile From + Base 34		
0	10.28	91.29	1171	1171	2720
200	10.33	91.18	1160	1160	2695
400	10.36	91.17	1159	1159	2692
600	10.37	90.57	1099	1099	2553
800	10.38	91.00	1142	1142	2653
1000+0	10.39	90.77	1119	1119	2599
1+2	10.40	90.93	1135	1135	2637
1+4	10.41	90.93	1135	1135	2637
1+6	10.42	90.98	1140	1141	2651
1+8	10.43	90.84	1126	1127	2618
2000+0	10.44	90.73	1115	1116	2592
2+2	10.47	90.58	1100	1101	2558
2+4	10.48	90.46	1088	1089	2530
2+6	10.49	90.48	1090	1091	2534
2+8	10.50	90.39	1081	1082	2513
3000	10.51	90.26	1068	1069	2483
3+2	10.52	89.76	1018	1019	2367
3+4	10.53	90.04	1046	1047	2432
3+6	10.55	90.27	1069	1070	2486
3+8	10.56	89.87	1029	1030	2393
4000+0	10.57	90.36	1078	1079	2507
4+2	10.59	89.72	1014	1015	2358
4+4	11.00	91.05	1147	1148	2667
4+6	11.01	90.76	1118	1119	2599
4+8	11.02	91.92	1234	1235	2869
5000+0	11.03	91.09	1151	1152	2676
5+280	11.05	91.77	1219	1220	2834

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Newmont
LINE # 13 north

5/6/66
(20)

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Mountain Peak

7920	11.50	96.07	+42	1649	3	1652	3838
7X8	12.02	89.93		1035	3	1038	2411
7X6	12.08	89.09		951	4	955	2218
7X4	12.10	90.29		1071		1075	2497
7X2	12.18	90.62		1104		1108	2574
7000+0	12.20	90.47		1089		1093	2539
6+8	12.21	91.61		1203		1207	2804
6+6	12.23	91.00		1142		1146	2662
6+4	12.24	90.37		1079		1083	2516
6+2	12.25	90.53		1095		1099	2553
6000+0	12.27	91.59		1201		1205	2799
5+8	12.28	91.34		1176		1180	2741
5+6	12.30	91.69		1211	5	1216	2825
5+4	12.32	90.77		1119		1124	2611
5+2	12.34	90.86		1128		1135	2637
5000+0	12.36	91.29		1171		1176	2732
4+8	12.40	92.00		1242		1247	2897
4+6	12.42	87.11	89.64	1006 / 753		1011 / 758	2349 / 1761
4+4	12.44	90.92	91.58	1200 / 1132		1205 / 1137	2799 / 2641
4+2	12.46	90.85		1127		1132	2630
4000+0	12.47	90.82		1124		1129	2623
3+8	12.48	90.92		1134		1139	2646
3+6	12.49	91.13		1155		1160	2695
3+4	12.50	91.07		1149		1154	2681
3+2	12.51	91.21		1163		1168	2713
3000+0	12.52	90.90		1132		1137	2641
2+8	12.53	90.82		1124		1129	2623
2+6	12.54	91.53		1195		1200	2788
2+4	12.55	91.01		1143		1148	2667
2+2	12.56	91.12		1154	6	1160	2695
2000+0	12.58	91.19		1161	6	1167	2711

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Newmont
Line #13 north

5/6/66

(21)

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			+42			
1+8	1.00	91.43		1185 6	1191	2767
1+6	1.01	91.15	L	1157	1163	2702
1+4	1.04	91.18		1160	1166	2709
			BASE # 35 Northed			
1+2	1.06	91.21		1163	1169	2716
1000+0	1.07	90.84		1126	1132	2630
800	1.08	91.14		1156	1162	2699
600	1.09	91.58		1200	1206	2802
400	1.10	91.14		1156	1162	2699
200	1.11	91.18		1160	1166	2709
0	1.12	91.19		1161	1167	2711
	1.20	91.31		1173	1179	2739
	1.26	91.22	BASE 34	1164 7	1171	2720

BASE ¼ mile

* E of Base 34

LEFAX, PHILADELPHIA, 7 PA. MADE IN U.S.A.

Movement

Line #4 North

OVER

5/6/66

(22)

B 26

1108
1051

3+4	2.57	90.51	1108	0	1108	2574
3+2	2.58	90.40	1097	1	1096	2546
3000+0	2.59	90.39	1096	1	1095	2544
2+8	3.00	90.22	1079	2	1077	2502
2+6	3.02	90.15	1072	3	1069	2483
2+4	3.05	89.85	1042	3	1039	2414
2+2	3.07	89.60	1017	4	1013	2353
2000+0	3.09	91.26	1183	5	1178	2736
1+8	3.10	89.41	998	5	993	2307
1+6	3.11	89.96	1053	6	1047	2432
1+4	3.12	89.73	1030	7	1023	2376
1+2	3.13	90.65	1122	7	1115	2590
1000+0	3.14	90.78	1135	8	1127	2618
800	3.15	90.79	1136	9	1127	2618
600	3.16	89.68	1025	10	1015	2358
400	3.17	90.58	1115	10	1105	2567
200	3.18	88.25	882	11	871	2023
0	3.20	89.51	1008	-12	996	2314

996

Base 49

B 26

0	3.45	90.56			1108	2574
200	3.46	91.67			1219	2832
					1044	2425
400	3.48	89.92	500	92.11	1263	2934
600	3.50	93.98	700	90.40	1450	3368
					1092	2537
800	3.54	90.37			1089	2530
1000+0	3.55	90.43			1095	2544
1+2	3.56	90.27			1079	2507
1+320	3.57	90.35			1087	2525
	4.07	90.56			1108	2574

Base 26

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.038

$$
\begin{array}{r|l}
180 & 7.00 \\
 & \underline{5\,40} \\
 & 1\,60 \\
 & \underline{1\,44} \\
 & 16
\end{array}
$$

Newmont, line # 14 North

.01 = 2.323 gammas

5,9,66

TR.MK. REG. PAT. OFF

Base 36	Time	Degree	Drift			
0+0	10.36	91.02	91.35	11.35	2637	
200	10.40	91.46	91.79	11.79	2739	
400	10.41	91.19	91.52	11.52	2676	
600	10.42	90.35	90.68	10.68	2481	
800	10.43	91.01	91.34	11.34	2634	
1000+0	10.44	91.11	91.44	11.44	2658	
1+2	10.45	91.19	91.52	11.52	2676	
1+4	10.46	91.05	91.38	11.38	2644	
1+6	10.47	91.10	91.43	11.43	2655	
1+8	10.47	91.12	91.45	11.45	2660	
2000+0	10.48	91.06	91.39	11.39	2646	
2+2	10.49	90.97	91.30	11.30	2625	
2+4	10.50	91.13	91.46	11.46	2662	
2+6	10.51	90.95	91.38	11.38	2644	
2+8	10.52	91.07	91.40	11.40	2648	
3000+0	10.53	91.04	91.37	11.37	2641	
3+2	10.54	91.17	91.50	11.50	2671	
3+4	10.54	90.34	90.67	10.67	2479	
3+6	10.55	90.89	91.22	11.22	2606	
3+8	10.56	90.87	91.20	11.20	2602	
4000+0	10.59	90.88	91.21	11.21	2604	
4+2	11.00	90.83	91.16	11.16	2592	
4+4	11.01	90.92	91.25	11.26	2616	
4+6	11.02	90.36	90.99	11.00	2555	
4+8	11.03	90.49	90.82	10.83	2516	
5000+0	11.04	90.61	90.94	10.95	2544	PLOTTED 5/13
5+2	11.05	91.14	91.47	11.48	2667	
5+4	11.06	90.55	90.88	10.89	2530	
5+6	11.07	90.62	90.95	10.96	2546	
5+8	11.08	90.62	90.95	10.96	2546	
6000+0	11.09	90.42	90.75	10.76	2500	

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Basement

5/9/66

Line # 14 north						
6+2	11.10	90.20	90.53	10.54	2448	
6+4	11.11	90.69	91.02	11.03	2562	
6+6	11.12	91.42	91.75	11.76	2732	
Line # 15 north						
6+6	11.32	92.28	92.61	12.62	2932	
6+4	11.37	92.42	92.75	12.76	2964	
6+2	11.38	91.40	91.73	11.74	2727	
6000+0	11.39	91.67	92.00	12.01	2790	
5+8	11.40	92.08	92.41	12.42	2885	
5+6	11.41	92.00	92.33	12.34	2867	
5+4	11.42	90.32	90.65	10.66	2476	
5+2	11.43	90.63	90.96	10.97	2548	
5000+0	11.44	90.79	91.12	11.13	2585	
4+8	11.45	90.79	91.12	11.13	2585	
4+6	11.46	90.74	91.07	11.08	2574	
4+4	11.47	90.67	91.00	11.01	2558	
4+2	11.48	90.84	91.17	11.18	2597	
4000+0	11.49	90.84	91.22	11.23	2609	
3+8	11.50	90.89	91.22	11.23	2609	
3+6	11.51	91.14	91.47	11.49	2669	
3+4	11.52	91.04	91.37	11.39	2634	
3+2	11.53	9.09	91.42	11.44	2658	
3000+0	11.54	91.02	91.35	11.37	2641	
2+8	11.55	91.00	91.35	11.37	2641	
2+6	11.56	90.96	91.29	11.32	2630	
2+4	11.57	90.88	91.21	11.33	2632	
2+2	11.58	90.96	91.29	11.31	2627	
2000+0	11.59	91.31	91.64	11.66	2709	
1+8	12.00	90.93	91.26	11.28	2620	
1+6	12.01	90.88	91.21	11.23	2609	
1+4	12.02	91.06	91.39	11.41	2651	

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NEWMONT
Line # 15 north

5/9/66
(3)

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			Drift			
1+2	12.03	91.11	91.44	11.46	2662	
1000+0	12.04	90.89	91.22	11.24	2611	
800	12.05	90.83	91.16	11.18	2597	
600	12.06	90.54	91.87	11.89	2762	
400	12.07	91.15	91.48	11.50	2671	
200	12.08	91.14	91.47	11.49	2669	
0	12.09	90.87	91.20	11.22	2606	BASE #37
Line #15 north Westerly						
1320	12.22	90.88	91.21	11.21	2604	
1+2	12.24	91.02	91.35	11.35	2637	
1000+0	12.25	91.12	91.45	11.45	2660	
800	12.26	91.34	91.67	11.67	2711	
600	12.27	90.86	91.19	11.20	2602	
400	12.28	91.01	91.34	11.35	2637	
200	12.29	90.99	91.32	11.33	2632	
0	12.30	90.98	91.31	11.32	2630	
Line #14 north Easterly						
0	12.37	91.07	91.40	11.42	2653	
200	12.38	90.85	91.18	11.20	2602	
400	12.39	91.06	91.39	11.41	2651	
600	12.39	91.15	91.38	11.40	2648	
800	12.40	91.36	91.69	11.72	2723	
1000+0	12.42	91.41	91.74	11.77	2734	
1+2	12.43	90.97	91.20	11.23	2609	
1320	12.45	90.99	91.32	11.35	2637	Base 36

:23 minutes

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Newmont
Line #16 North

5/9/66
(4)

0	1.43	90.91	91.29	11.29	2623	Base 38
200	1.45	90.85	91.23	11.23	2609	
400	1.46	90.89	91.27	11.27	2618	
600	1.47	90.89	91.27	11.27	2618	
800	1.48	90.82	91.20	11.19	2599	
1000+0	1.49	90.81	91.19	11.18	2597	
1+2	1.50	90.90	91.28	11.27	2618	
1+4	1.51	90.98	91.36	11.35	2637	
1+6	1.52	90.95	91.33	11.32	2630	
1+8	1.53	91.00	91.38	11.36	2639	
2000+0	1.54	90.97	91.35	11.33	2632	
2+2	1.55	90.88	91.21	11.24	2611	
2+4	1.56	91.01	91.39	11.37	2641	
2+6	1.57	90.88	91.26	11.24	2611	
2+8	1.58	90.88	91.26	11.24	2611	
3000+0	1.59	91.02	91.40	11.38	2644	
3+2	2.00	90.84	91.22	11.20	2602	
3+4	2.01	90.95	91.33	11.31	2627	
3+6	2.02	91.02	91.40	11.38	2644	
3+8	2.03	90.95	91.33	11.31	2627	
4000+0	2.04	90.89	91.27	11.25	2613	
4+2	2.06	90.85	91.23	11.20	2602	
4+4	2.07	90.87	91.25	11.22	2606	
4+6	2.08	90.82	91.20	11.17	2595	
4+8	2.09	91.02	91.40	11.37	2641	
5000+0	2.10	90.95	91.33	11.30	2625	
5+2	2.11	90.82	91.20	11.17	2595	
5+4	2.12	90.65	91.03	11.00	2555	
5+6	2.13	89.94	90.32	10.29	2390	River Bed
5+8	2.14	89.45	90.83	10.80	2509	
6000+0	2.16	90.62	91.00	10.97	2548	

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Newmont
Line #16 north

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(5)

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6+2	2.17	90.00	90.38	10.33	2404	
6+4	2.19	89.52	90.00	9.97	2316	
6+6	2.21	91.12	91.50	11.96	2662	Volcanics
Line #17 north						
6+6	2.47	92.07	92.45	12.41	2883	
6+4	2.50	91.91	92.29	12.25	2846	
6+2	2.51	91.36	92.74	12.70	2950	
6000+0	2.52	92.02	92.40	12.36	2871	
5+8	2.53	90.86	91.24	11.20	2602	
5+6	2.55	90.51	90.89	10.85	2520	
5+4	2.57	90.62	91.00	10.96	2546	
5+2	2.59	90.67	91.05	11.01	2558	
5000+0	3.07	90.53	90.91	10.86	2523	
4+8	3.08	90.75	91.13	11.08	2574	
4+6	3.10	90.72	91.10	11.05	2567	
4+4	3.13	90.31	90.69	10.64	2472	
4+2	3.14	90.68	90.06	10.01	2325	
4000+0	3.17	91.36	92.74	12.69	2948	
3+8	3.20	90.59	90.97	10.92	2537	
3+6	3.22	90.71	91.09	11.04	2565	
3+4	3.23	90.79	91.17	11.12	2583	
3+2	3.24	90.77	91.15	11.10	2579	
3000+0	3.25	90.82	91.20	11.15	2590	
2+8	3.26	90.78	91.16	11.11	2581	
2+6	3.27	90.84	91.22	11.17	2595	
2+4	3.28	90.88	91.26	11.21	2604	
2+2	3.29	90.66	91.04	10.99	2553	
2000+0	3.30	90.94	91.22	11.16	2592	
1+8	3.32	90.92	91.20	11.14	2588	
1+6	3.33	90.94	91.32	11.26	2616	
1+4	3.34	90.86	91.24	11.18	2597	

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Mewmont
Line #17 north

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(6)

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1+2	3.35	90.85	91.23	11.17	2595	
1000+0	3.36	90.79	91.17	11.11	2581	
800	3.37	90.72	91.10	11.04	2565	
600	3.38	90.99	91.37	11.31	2627	
400	3.39	90.87	91.24	11.18	2597	
200	3.40	90.94	91.32	11.26	2616	
0	3.42	90.83	91.21	11.15	2590	Base 39
Line #17 north Westerly						
1320	3.42	90.83	91.21	11.15	2590	Base 39
1+2	3.45	90.84	91.22	11.22	2606	
1000+0	3.46	90.82	91.20	-1 11.19	2599	
800	3.47	90.80	91.18	-1 11.17	2595	
600	3.48	90.64	91.02	-2 11.00	2555	
400	3.49	90.46	90.84	-2 10.82	2513	River Bed
200	3.50	90.82	91.20	-3 11.17	2595	
0	3.51	91.03	91.41	-4 11.37	2641	
Line #16 north Easterly						
0	4.13	91.03	91.41	-4 11.37	2641	
200	4.14	91.03	91.41	-5 11.36	2639	
400	4.15	90.90	91.28	-6 11.22	2606	
600	4.16	90.81	91.19	-6 11.13	2585	
800	4.17	90.69	91.02	-7 10.95	2544	
1000+0	4.18	90.88	91.26	-7 11.19	2599	
1+2	4.19	90.91	91.29	11.21	2604	
1320	4.20	90.99	91.37	-8 11.29	2623	Base 38

38 minutes

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Newmont
Line #18 north

5/10/66
(7)

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Base Ho		+39	True Value		
0 ←	9.51	90.81	91.20	91.20	2602
200	9.56	90.79	91.18	91.18	2597
400	9.57	90.84	91.23	91.23	2609
600	9.58	90.89	91.28	91.28	2620
800	9.59	90.86	91.25	91.25	2613
1000+0	10.00	90.80	91.19	91.19	2599
1+2	10.01	90.85	91.24	91.24	2611
1+4	10.03	90.91	91.30	91.30	2625
1+6	10.04	90.82	91.21	91.22	2606
1+8	10.05	90.85	91.24	91.25	2613
2000+0	10.06	90.91	91.30	91.31	2627
2+2	10.08	90.90	91.29	91.30	2625
2+4	10.09	90.85	91.24	91.25	2613
2+6	10.10	90.87	91.26	91.27	2618
2+8	10.11	90.88	91.27	91.28	2620
3000+0	10.12	90.84	91.23	91.24	2611
3+2	10.14	91.07	91.46	91.47	2665
3+4	10.15	90.81	91.20	91.21	2604
3+6	10.16	90.66	91.05	91.06	2569
3+8	10.17	90.86	91.25	91.26	2616
4000+0	10.18	90.83	91.22	91.23	2609
4+2	10.19	90.88	91.27	91.28	2620
4+4	10.21	90.91	91.30	91.31	2627
4+6	10.22	90.72	91.11	91.12	2583
4+8	10.23	90.98	91.37	91.38	2644
5000+0	10.44	90.84	91.23	91.25	2613
5+2	10.45	90.44	90.83	90.85	2520
5+4	10.46	91.91	92.30	92.32	2862
5+6	10.48	91.34	91.73	91.75	2730
5+8	10.50	91.18	91.57	91.59	2692
6000+0	10.54	91.20	91.59	91.61	2697

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NEWMONT
Line # 18 north

5/10/66

(8)

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39

6+2	10.56	90.62	91.01	91.03	2562
6+4	10.58	90.60	90.99	91.01	2558
6+6	10.59	90.41	90.80	90.82	2513
Line # 19 north (19)					
6+6	11.09	90.83	91.22	91.24	2611
6+4	11.30	90.96	91.35	91.37	2641
6+2	11.31	90.78	91.17	91.19	2599
6000+0	11.33	90.47	90.86	90.89	2530
5+8	11.34	91.35	91.74	91.77	2734
5+6	11.35	90.74	91.13	91.16	2592
5+4	11.36	90.55	90.94	90.97	2548
5+2	11.37	90.74	91.13	91.16	2592
5000+0	11.38	90.72	91.11	91.14	2588
4+8	11.39	90.74	91.13	91.16	2592
4+6	11.40	91.32	91.71	91.74	2727
4+4	11.43	90.84	91.23	91.26	2616
4+2	11.44	90.85	91.24	91.27	2618
4000+0	11.45	90.77	91.16	91.19	2599
3+8	11.46	90.83	91.22	91.25	2613
3+6	11.47	90.81	91.20	91.23	2609
3+4	11.48	90.76	91.15	91.18	2597
3+2	11.51	90.78	91.17	91.20	2601
3000+0	11.52	90.85	91.24	91.27	2618
2+8	11.53	90.85	91.24	91.27	2618
2+6	11.54	90.85	91.24	91.27	2618
2+4	11.55	90.69	91.08	91.11	2581
2+2	11.56	90.91	91.30	91.33	2632
2000+0	11.57	90.98	91.37	91.40	2648
1+8	11.58	90.70	91.09	91.12	2583
1+6	12.00	90.67	91.06	91.09	2576
1+4	12.01	90.88	91.27	91.30	2625

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Newmont
Line # 19 North

5/10/66
(9)

1+2	12.02	90.76	91.15	91.18	2597
1000	12.03	90.78	91.17	9120	2602
800	12.05	90.72	91.11	91.14	2588
600	12.06	90.72	91.11	91.14	2588
400	12.07	90.83	9122	91.25	2613
200		200 ft Long			
0	12.08	90.92	91.34	91.34	

Base 41

WEST ¼ OF Line # 19 North

1320	1.05	90.92	91.34	91.34	2634
1200	1.06	90.91	91.31	91.33	2632
1000	1.07	91.03	91.43	91.45	2660
800	1.08	90.75	91.15	91.17	2595
600	1.09	90.84	91.24	91.26	2616
400	1.12	91.01	91.41	91.43	2655
200	1.13	90.89	91.29	91.31	2627
0	1.14	90.95	91.35	91.37	2641

WEST ¼ of Line # 18 North Heading EAST

0	1.24	90.89	91.29	91.30	2625
200	1.25	90.97	91.37	91.38	2644
400	1.27	90.92	91.32	91.33	2632
600	1.29	90.92	91.32	91.32	2630
400	1.30	90.90	91.30	91.30	2625
200	1.31	90.86	91.26	91.26	2616
0	1.33	90.80	91.20	91.20	2602

Base 40

28 minutes

+2

?

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Newmont Line # 20 North.

5/11/36

(19)

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Gage #42					True Value	
0	8.36	91.12	91.36	0	91.36	2639
0+2	8.40	91.12	91.36	0	91.36	2639
4	8.41	91.10	91.34	0	91.35	2637
6	8.45	90.99	91.23	1	91.24	2611
8	8.46	91.11	91.35	1	91.36	2639
1000+0	8.47	91.08	91.32	2	91.34	2634
1+2	8.48	91.10	91.34	2	91.36	2639
1+4	8.49	91.09	91.33	2	91.35	2637
1+6	8.50	91.05	91.29	2	91.31	2627
1+8	8.51	91.32	91.56	2	91.58	2690
2000	8.51	91.06	91.30	3	91.33	2632
2+2	8.52	91.02	91.26	3	91.29	2623
2+4	8.53	90.96	91.20	3	91.23	2608
2+6	8.54	91.06	91.30	3	91.33	2632
2+8	8.55	91.12	91.36	3	91.39	2646
3000	8.56	90.89	91.13	4	91.17	2595
3+2	8.57	91.06	91.30	4	91.34	2634
3+4	8.58	91.00	91.24	4	91.28	2620
3+6	8.59	91.04	91.28	4	91.32	2630
3+8	9.00	91.04	91.28	4	91.32	2630
4000	9.01	90.98	91.22	5	91.27	2618
4+2	9.02	90.98	91.22	5	91.27	2618
4+4	9.03	91.04	91.28	5	91.33	2632
4+6	9.06	91.33	91.57	05	91.62	2699
4+8	9.08	91.17	91.41	05	91.46	2662
5000	9.25	91.05	91.29	06	91.35	2637
5+2	9.27	91.15	91.39	06	91.45	2660
5+4	9.31	91.07	91.31	6	91.37	2641
5+6	9.33	91.19	91.43	06	91.49	2669
5+8	9.34	91.67	91.91	06	91.97	2781
6000	9.36	92.38	92.62	06	92.68	2946

LEFAX, PHILADELPHIA, 7, PA. MADE IN U.S.A.

Newmont.

Lines 20 & 21 Nor

5/11/66

(11)

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6+2	9.37	90.58	90.82 b	90.88	2527
6+4	9.39	90.87	91.11 b	91.17	2595
6+6	9.41	90.83	91.07 b	91.13	2585

Line # 21 North.

6600	9.50	91.24	91.48	91.55	2683
6+4	9.51	90.85	91.09	91.16	2592
6+2	9.52	90.89	91.13	91.20	2602
6000	9.53	90.93	91.23	91.30	2625
5+8	9.54	90.86	91.10	91.17	2595
5+6	10.06	88.92	89.16	89.24	2146
5+4	10.08	91.09	91.33	91.41	2651
5+2	10.09	92.12	92.36	92.44	2890
5000	10.10	91.22	91.46	91.54	2681
4+8	10.12	91.14	91.38	91.47	2664
4+6	10.13	91.36	91.60	91.69	2716
4+4	10.14	89.89	90.13	91.22	2606
4+2	10.15	91.02	91.26	91.35	2637
4000	10.16	90.83	91.07	91.16	2592
3+8	10.17	90.92	91.16	91.25	2613
3+6	10.18	90.91	91.15	91.24	2611
3+4	10.19	91.03	91.27	91.36	2639
3+2	10.20	90.94	91.18	91.27	2618
3000	10.21	90.89	91.13	91.23	2609
2+8	10.22	90.95	91.19	91.29	2623
2+6	10.23	90.91	91.15	91.25	2613
2+4	10.25	90.86	91.10	91.20	2602
2+2	10.26	90.93	91.17	91.27	2618
2000	10.28	90.97	91.21	91.31	2627
1+8	10.30	90.97	91.21	91.31	2627
1+6	10.45	90.92	91.16	91.27	2618

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NEWMONT
Line #21 north

5/11/66
(12)

1+4	10.48	90.92	91.16	[11] 91.27	2618
1+2	10.50	90.99	91.22	[11] 91.33	2632
1000	10.52	90.92	91.16	[11] 91.27	2618
8	10.54	90.98	91.22	[11] 91.33	2632
6	10.56	90.95	91.19	[11] 91.30	2625
4	10.58	90.92	91.16	[11] 91.27	2618
2	11.00	90.91	91.15	[11] 91.26	2616
0	11.30	90.96	91.20	[11] 91.31	2627
13.20	11.33	90.98	91.22	[11] 91.34	2634
12.00	11.35	91.10	91.34	[11] 91.46	2662
1000+0	11.36	91.05	91.29	[11] 91.41	2651
800	11.37	91.12	91.36	[12] 91.48	2667
600	11.38	91.09	91.33	[12] 91.45	2660
400	11.40	91.02	91.26	[12] 91.38	2644
260	11.41	91.12	91.36	[12] 91.48	2667
0	11.42	91.05	91.29	[12] 91.41	2651
Line #20 north - Going East					
0	11.46	91.09	91.33	[13] 91.46	2662
200	11.48	90.99	91.23	[13] 91.36	2639
400	11.48	91.04	91.28	[13] 91.41	2651
600	11.48	90.98	91.22	[13] 91.35	2637
800	11.50	90.95	91.19	[13] 91.32	2630
1000+0	11.51	90.98	91.22	[13] 91.35	2637
1200	11.52	90.89	91.13	[13] 91.26	2616
1320	12.08	90.98	[24] 91.22	[14] 91.36	2639

Base #A2

(.0015)

-14 - 21/2 miles

Camp Line East

Steel Fence

(22)

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Newmont.

5/11/66

(13)

Line II — 22 Going West

				True Value	
Base 7+57	1.10	91.28	91.82	91.82	2746
7960	1.12	90.77	91.31	91.31	2627
7800	1.15	90.71	91.25	91.24	2611
7+6	1.16	90.80	91.34	01 91.33	2632
7+4	1.17	91.19	91.63	01 91.62	2699
7+2	1.18	90.43	90.97	01 90.96	2546
7000	1.19	91.01	91.55	01 91.54	2681
6+8	1.20	90.74	91.28	02 91.26	2616
6+6	1.21	90.87	91.41	02 91.39	2646
6+4	1.22	90.77	91.31	02 91.29	2623
6+2	1.23	90.82	91.36	02 91.34	2634
6000	1.24	90.95	91.49	02 91.47	2664
5+8	1.25	90.85	91.39	02 91.36	2639
5+6	1.26	90.87	91.41	03 91.38	2644
5+4	1.28	91.03	91.57	03 91.54	2681
5+2	1.32	90.94	91.48	04 91.44	2658
5000	1.34	90.98	91.52	04 91.48	2667
4+8	1.36	91.12	91.66	04 91.62	2699
4+6	1.37	91.02	91.56	05 91.51	2674
4+4	1.38	91.07	91.61	05 91.56	2685
4+2	1.39	91.06	91.60	05 91.55	2683
4000	1.40	91.08	91.64	05 91.54	2692
3+8	1.41	91.04	91.58	05 91.53	2678
3+6	1.44	91.04	91.58	06 91.52	2676
3+4	1.45	91.12	91.66	06 91.60	2695
3+2	1.46	91.10	91.64	06 91.58	2690
3000	1.47	91.14	91.68	06 91.62	2699
2+8	1.50	91.12	91.66	06 91.60	2695
2+6	1.52	91.08	91.62	06 91.55	2683
2+4	1.53	91.17	91.71	07 91.64	2704

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LEFAX, PHILADELPHIA, 7, PA. MADE IN U.S.A.

NEWMONT.
LINE 22 Nov 13/11/66 (14)

2+2	1.55	91.14	91.68	91.61	2697
2000	1.57	91.24	91.78	91.70	2718
1+8	1.59	91.14	91.68	91.60	2695
1+6	2.23	91.15	91.69	91.61	2697
1+4	2.24	91.20	91.74	91.65	2706
1+2	2.25	91.23	91.77	91.67	2754
1000	2.26	91.18	91.72	91.62	2723
0+8	2.27	91.30	91.84	91.73	2750
0+6	2.28	91.16	91.70	91.59	2692
0+4	2.29	91.32	91.86	91.74	2727
0+2	2.30	91.38	91.92	91.79	2739
00+0	2.31	91.35	91.89	91.76	2732
2+2	2.52	90.99	91.53	91.36	2639

Base

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LEFAX, PHILADELPHIA, 7 PA. MADE IN U.S.A.

STARTING Point 2 miles E of WBL. No. 10 South. Base No 11, going EAST.

	Degree	Time				
Basell 00+0	91.74	2:20	91.84	0	91.84	2750
200+0	91.78	2:33	11.88	+1	11.87	2757
400+0	91.68	2:35	11.78	-1	11.77	2734
600+0	91.72	2:38	11.82	-1	11.81	2743
800+0	91.69	2:40	11.79	-1	11.78	2736
1000+0	91.70	2:43 *	11.80	-2	11.78	2736
1200+0	91.70	2:45	11.80	-2	11.78	2736
1400+0	91.66	2:47	11.76	-2	11.74	2727
1600+0	91.66	2:51	11.76	-2	11.74	2727
1800+0	91.60	2:53	11.70	-2	11.68	2713
2000+0	91.60	2:56 *	11.70	-3	11.67	2711
2200+0	91.60	2:58	11.70	-3	11.67	2711
2400+0	91.60	3:01	11.70	-3	11.67	2711
2600+0	91.65	3:03	11.75	-3	11.72	2723
2800+0	91.67	3:05	11.77	-3	11.74	2727
3000+0	91.68	3:08 *	11.78	-3	11.75	2729
3200+0	91.76	3:10	11.86	-4	11.82	2746
3400+0	91.95	3:12	12.05	-4	12.01	2790
3600+0	92.05	3:14	12.15	-4	12.11	2813
3800+0	91.41	3:17	11.51	-4	11.47	2664 2797
4000+0	91.12	3:20 *	11.22	-4	11.18 HWY XING	2597
4200+0	91.05	3:22	11.15	-4	11.11	2581
4400+0	93.54	3:25	13.64	-5	13.59	3157

	Degree	Time			
4600+0	92.18	3:28	92.28	-5 12.23	2841
4800+0	90.48	3:30	90.58	-5 10.53	2496
5000+0	90.73	3:32 ✱	90.83	-5 90.78	2504
5200+0	90.70	3:35	90.80	-5 10.75	2497
5400+0	90.29	3:37	90.39	-5 10.34	2402
5600+0	90.13	3:39	90.23	-6 10.17	2362
5800+0	92.19	3:41	92.29	-6 12.23	2841
6000+0	91.67	3:42 ✱	91.77	-6 11.71	2720
6200+0	90.35	3:44	90.45	-6 10.39	2414
6400+0	90.95	3:47	91.05	-6 10.99	2553
6600+0	91.08	3:49	91.18	-6 11.12	2583
6800+0	91.28	3:53	91.38	-7 11.31	2627
7000+0	91.21	3:57 ✱	91.31	-7 11.24	2611
7200+0	91.20	4:05	91.30	-7 11.23	2609
7400+0	91.28	4:12	91.38	-8 11.30	2625
7600+0	91.25	4:19	91.35	-8 11.27	2618
7800+0	91.31	4:25	91.41	-9 11.32	2630
7900+20	91.31	4:28	91.41	-9 11.32	2630

APRIL 18-6 6 13

STARTING POINT 3½ mile E of W.B.L.
No 95. Going WEST from STATION 7900+20
To - Base No 12

9	DEGREE	TIME	DRFT		9	
7900+20	91.20	4:50	91.30	-11	11.19	2599
7800+0	91.23	4:56	11.33	-11	11.22	2606
7600+0	91.20	5:00	11.30	-11	11.19	2599
7400+0	91.16	5:03	11.26	-12	11.14	2588
7200+0	91.16	5:06	11.26	-12	11.14	2588
7000+0	91.12	5:13 *	11.22	-12	11.10	2579
6800+0	91.31	5:16	11.41	-13	11.28	2620
6600+0	91.64	5:19	11.74	-13	11.61	2697
6400+0	91.76	5:24	11.86	-13	11.73	2725
6200+0	94.96	5:27	15.06	-13	14.93	3468
6000+0	93.30	5:29 *	13.40	-13	13.27	3083
5800+0	92.28	5:31	12.38	-14	12.24	2843
5600+0	92.72	5:32	12.82	-14	12.68	2946
5400+0	92.20	5:34	12.30	-14	12.16	2825
5200+0	91.50	5:36	11.60	-14	11.56	2685
5000+0	91.43	5:37 *	11.53	-14	11.39	2646
4800+0	91.56	5:39	11.66	-14	11.52	2676
4600+0	91.40	5:41	11.50	-14	11.36	2639
4400+0	91.00	5:42	11.10	-14	10.96	2546
4200+0	91.13	5:44	11.23	-15	11.08	2574
4000+0	91.36	5:45 *	11.46	-15	11.31	2627
3800+0	91.50	5:47	11.60	-15	11.45	2660
3600+0	91.74	5:49	11.84	-15	11.69	2716
3400+0	91.95	5:51	92.05	-15	11.90	2764

	DEGREES	TIME	DRIFT		
3200+0	92.26	5:52	92.36	-15 12.21	2836
3000+0	92.34	5:55	92.44	-15 12.39	2878
2800+0	92.18	5:57	92.28	-16 12.12	2815
2600+0	92.05	5:58	92.15	-16 11.99	2785
2400+0	92.06	6:00	92.16	-16 12.00	2788
2200+0	91.95	6:02	92.05	-16 11.89	2762
2000+0	91.89	6:04	91.99	-16 11.83	2748
1800+0	91.96	6:06	92.06	-16 11.90	2764 ~~2997~~
1600+0	91.95	6:08	92.05	-16 11.89	2762
1400+0	91.93	6:09	92.03	-16 11.87	2757
1200+0	91.91	6:11	92.01	-17 12.84	2983
1000+0	92.01	6:13	92.11	-17 11.99	2774
800+0	92.04	6:15	92.14	-17 11.97	2781
600+0	92.09	6:17	92.19	-17 12.02	2792
400+0	92.13	6:18	92.23	-17 12.06	2802
200+0	92.16	6:20	92.26	-17 12.09	2809
BASE 12 0+0	92.16	6:21	92.26	-17 12.09	2809
~~BASE 11~~	~~92.29~~	~~6:24~~	~~92.39~~	~~91.84~~	

Base station values

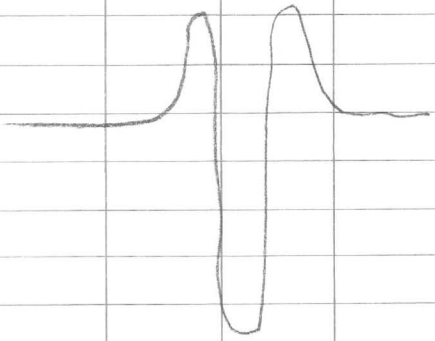
		-80			
#					∮
1	91.67	11.67			2711
2	91.59	11.59			2692
3	91.60	11.60			2695
4	91.62	11.62			2699
5	91.66	11.66			2709
6	91.81	11.81			2743
7	91.84	11.84			2750
8	91.81	11.81			2743
9	91.67	11.67			2711
10	91.71	11.71			2720
11	91.84	11.84			2750
12	92.09	12.09			2809
	92.28	12.28			2853
13	92.31	12.31			2860
14	91.79	11.79			2739
15	92.13	12.13			2818
16	93.04	13.04			3029
17	93.20	13.20			3066
18	93.33	13.33			3097
19	92.84	12.84			2983
20	91.31	11.31			2627
	92.06	92.06			2802
21	~~91.06~~	11.06			2569

out

all these

J. L. DARLING CORP. TACOMA, WASH. USA No. 314

Rite in the Rain WATERPROOF



22	~~92.10~~ ~~91.10~~	~~12.10~~ ~~11.10~~			~~2811~~ ~~2579~~
23	91.20	11.20			2602
24	91.09	11.09			2576
25	90.90	10.90			2532
26	91.08	11.08			2574
27	91.71	11.71			2720
28	91.41	11.41			2651
29	89.65	9.65			2242
30	94.28	14.28			3317
31	90.55	10.55			2451
32	92.13	12.13			2818
33	91.82	11.82			2746
34	91.79	11.79			2739
35	91.70	11.70			2718
36	91.35	11.35			2637
37	91.22	11.22			2606
38	91.29	11.29			2623
39	91.15	11.15			2590
40	91.20	11.20			2602
41	91.34	11.34			2634
42	91.36	11.36			2639
43	91.25	11.25			2613

J. L. DARLING CORP. TACOMA, WASH U.S.A. No. 314

WATERPROOF

44	92.06	12.06			2802
45	92.19	12.19			2832
46	92.35	12.35			2869
47	92.24	12.24			2843
48	92.01	12.01			2790
49	89.96	9.96			2314
50	90.85	10.85			2520
51	91.02	11.02			2560
52	91.01	11.01			2558
53	91.56	11.56			2685
54	91.32	11.32			2630
55	91.34	11.34			2634
56	92.65	12.65			2939
57	91.82	11.82			2746
58					
59					
60					

J. L. DARLING CORP. TACOMA, WASH U.S.A. No. 314

WATERPROOF

232.3 ①

Newmont mag 11.67 4-5-66

Sta	time	dial	Base		
Base #1	1006	91.67		91.67	2711
Base #2	1015	91.57	+2	91.59	2692
Base #3	1025	91.56	+4	91.60	2695
Base #4	1030	91.58	+4	91.62	2699
Base #5	1038	91.60	+6	91.66	2709
Base #6	1045	91.74	+7	91.81	2743
Base #7	1053	91.75	+9	91.89	2750
Base #8	1059	91.71	+10	91.81	2743
Base #9	1108	91.55	+12	91.67	2711
Base #1	1132	91.51	+16	91.67	2711

→ Doing Brunton — new brunton

$S = 16t^2$

$\frac{100'}{16} = t^2$

$6.25 = t^2$

$2.5 \text{ sec} = t$

18 . 620'

BASE #	Degree	Time	Drift	April 12 1966
1.	91.72	9:04 AM	91.72	91.67
13.	92.29	9:57	92.36	92:31
1.	91.58	10:50	91.72	91.67
BASE 1	91.51	11:07	91.51	91.67
48	91.85	11:15	91.85	92.01
47	92.09	11:24	92.08	92.24
46	92.20	11:30	92.19	92.35
45	92.04	11:36	92.03	92.19
44	91.92	11:42	91.90	92.06
BASE 1	91.54	12:08	91.51	91.67
Base 44	91.92	1:06		92.06
Base 49	89.82	1:35		89.96
BASE 44	91.92	1:52		92.06
49	89.88	3:25	89.88	89.96
2N-24	91.00	3:44	91.01	91.09
3N-25	90.81	3:55	90.82	90.90
4N-26	90.98	4:05	91.00	91.08
5N-27	91.61	4:13	91.63	91.71
49	89.85	4:28	89.88	89.96
5N. 27	91.78	8:16	91.78	91.71 13 april
6N 28	91.46	8:24	91.48	91.41
7N 29	89.69	8:31	89.72	89.65
8N 30	94.30	8:37	94.35	94.28
9N 31	90.55	8:46	90.62	90.55
10N 32	92.12	8:54	92.20	92.13

9.75 8.50 MM

30.00

91.60 ← $\boxed{93.40}$

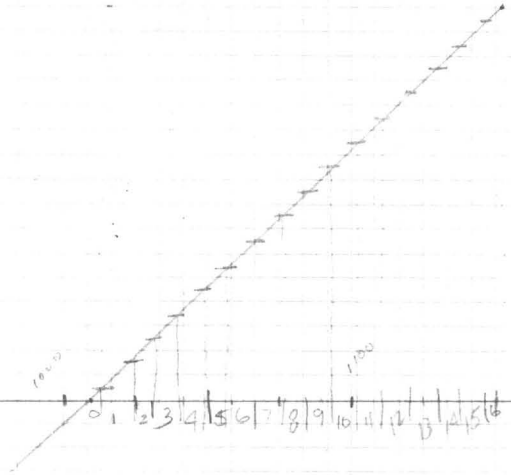
94.20
1.40

92.60

2.40

2 | 2.50

BASE #	DEGREE	TIME	DRIFT	13 June 66
11N 33	91.79	9:01	+10 91.89	91.82
12N 34	91.74	9:08	+12 91.86	91.79
5N 27	91.62	9:28	+16 91.78	91.71
12N 34	91.65	10:18	+0 91.65	91.79
13N 35	91.55	10:26	+1 91.56	91.70
14N 36	91.20	10:33	+1 91.21	91.35
15N 37	91.06	10:40	+2 91.08	91.22
16N 38	91.12	10:45	+3 91.15	91.29
17N 39	90.98	10:50	+3 91.01	91.15
12N 34	91.60	11:11	+5 91.65	91.79
17N 39	90.92	12:11	0 90.92	91.15
18N 40	90.98	12:18	-1 90.97	91.20
19N 41	91:13	12:25	-2 91.11	91.34
20N 42	91:15	12:33	-2 91.13	91.36
21N 43	91:06	12:45	-4 91.02	91.25
17N 39	90.98	1:08	-6 90.92	91.15
2N #24	90.92	2:08	0 90.92	91.09
1N #23	91.04	2:17	-1 91.03	91.20
DN #22	91.94	2.24	-1 91.93	92.10
1S #21	91.91	2:32	-2 91.89	92.06
1S #20	91.16	2:29	-2 91.14	91.31
2N 24	90.95	2:50	-3 90.92 0.03	91.09
				14 June 66


1000
1000
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

91.16	Degree	Time	Drift	APril	14-66
1S #20	91.25	10:03	91.25	91.31	
2S #19	92.76	10:11	92.78	92.84	
3S #18	93.24	10:18	93.27	93.33	
4S #17	93.09	10:27	93.14	93.20	
1S #20	91.17	10:40	91.25	91.31	
4S #17	93.07	11:00	93.07	93.20	
5S #16	92.91	11:09	92.91	93.04	
6S #15	92.01	11:19	92.00	92.13	
7S #14	91.68	11:27	91.66	91.79	
8S #13	92.17	11:32	92.15	92.28	
4S #17	93.10	11:48	93.07	93.20	
8S #13	92.19	12:13	92.19	92.28	
9S #12	91.99	12:21	92.00	92.09	
10S #11	91.73	12:28	91.75	91.84	
11S #10	91.59	12:35	91.62	91.71	
8S #13	92.14	12:45	92.19	92.28	
5S #16	92.81	1:25	92.81	93.04	
5S #53	91.34	1:40	91.33	91.56	
4S #52	90.80	1:46	90.78	91.01	
3S #51	90.81	1:54	90.79	91.02	
2S #50	90.65	2:02	90.62	90.85	
5S #16	92.85	2:20	92.81	93.04	
19N #41	91.22	4:32	91.22	91.34	18 April 66
54	91.21	4:43	91.20	91.32	
55	91.24	4:52	91.22	91.34	

	DEGREE	TIME	DRIFT	
#56	92.55	5:01	92.53	92.65
#57	91.73	5:11	91.70	91.82
19#41	91.26	5:20	91.22	91.34

STARTING Point 2 Miles, E. of WBL- 6
No. 10 South - in A West Direction.

STATION	Degree	Time	Brick Drift.	APRIL	15/66
Base #11-5200+80	91.78	9:48	+6 91.84	-80	2750
5200+0	91.74	10:03	91.81		2743
5000+0	91.71	10:09	91.78		2736
4800+0	91.75	10:11	91.83		2748
4600+0	91.73	10:14	91.81		2743
4400+0	91.74	10:16	91.82		2746
4200+0	91.78	10:18	91.86		2755
4000+0	91.72	10:21	91.80		2741
3800+0	91.67	10:24	91.75		2730
3600+0	91.75	10:27	91.84		2750
3400+0	91.78	10:30	91.87		2757
3200+0	91.77	10:33	91.86		2755
3000+0	91.81	10:35	91.90		2764
2800+0	91.70	10:37	91.79		2739
2600+0	91.75	10:39	91.84		2750
2400+0	91.68	10:43	91.78		2736
2200+0	91.69	10:46	91.79		2739
2000+0	91.63	10:51	91.73		2725
1800+0	91.53	10:58	91.64		2704
1600+0	91.77	11:10	91.88		2760
1400+0	91.45	11:17	91.57		2688
1200+0	91.30	11:26	91.43		2655
1000+0	91.34	11:34	91.47		2664
800+0	91.38	11:37	91.51		2674
600+0	91.37	11:45	91.51		2674

	Degree	Time	Drift	APRIL 15-16 -80	
400+0	91.34	11:47	91.48		2667
200+0	91.30	11:52	91.44		2658
00+0	91.27	11:58	91.42		2653
Baseline 200+80	91.67	12:29	91.84		2750

START ING Point 2 miles E. of WBL. No 11 South - in an west Direction.

Station	Degree	Time	Drift	-80	
Baseline 200+80	91.53	1:18	91.71		2720
5200+0	91.50	1:31	91.67		2711
5000+0	91.44	1:34	91.61		2697
4800+0	91.45	1:36	91.61		2697
4600+0	91.47	1:39	91.63		2702
4400+0	91.42	1:41	91.58		2690
4200+0	91.41	1:46	91.57		2688
4000+0	91.41	1:48	91.56		2685
3800+0	91:44	1:53	91.59		2692
3600+0	91:43	1:55	91.58		2690
3400+0	91.42	1:58	91.57		2688
3200+0	91.47	2:00	91.61		2697
3000+0	91.37	2:03	91.51		2674
2800+0	91.33	2:08	91.47		2664
2600+0	91.31	2:10	91.45		2660
2400+0	91.27	2:12	91.40		2648
2200+0	91.30	2:14	91.43		2655

APRIL 15-66

8

Station	Degree	Time	Drift		
2000+0	91.27	2:18	91.40	-80	2648
1800+0	91.27	2:20	91.40		2648
1600+0	91.32	2:23	91.44		2658
1400+0	91.31	2:27	91.43		2655
1200+0	91.32	2:33	91.44		2658
1000+0	91.27	2:35	91.38		2649
800+0	91.22	2:37	91.33		2632
600+0	91.24	2:42	91.35		2637
400+0	91.22	2:45	91.33		2632
200+0	91.27	2:50	91.37		2641
00+0	91.25	2:55	91.35		2637
Base #10 52 00+80	91.64	3:26	91.71		2720

APRIL 18 66 9

STARTING POINT - 2 miles E of WBL. 115, BASE No. 10 - GOING EAST.

STATION	Degree	Time	Drift +3		
Base No 10 0+0	91.68	10:06	11.71		2720
200+0	91.71	10:14	11.74		2727
400+0	91.63	10:15	11.66		2709
600+0	91.69	10:18	11.72		2723
800+0	91.68	10:19	11.71		2720
1000+0	91.57	10:22	11.61		2697
1200+0	91.49	10:24	11.53	1.80	2678
1400+0	91.55	10:26	11.59		2692
1600+0	91.62	10:29	11.66	1.5	2709
1800+0	91.58	10:31	11.59	1.80	2692
2000+0	91.59	10:33	11.63	1.80	2702
2200+0	91.47	10:35	11.51		2674
2400+0	91.47	10:37	11.51		2674
2600+0	91.46	10:39	11.50		2671
2800+0	91.34	10:41	11.38	Hwy XING	2644
3000+0	91.00	10:44	11.04		2565
3200+0	90.50	10:46	10.54		2448
3400+0	90.84	10:48	10.88		2527
3600+0	90.76	10:50	10.80		2509
3800+0	91.30	10:53	11.35		2637
4000+0	90.19	10:57	10.24		2379
4200+0	90.58	11:00	10.63		2469
4400+0	90.82	11:03	10.87		2525

1000
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1
50
2
20
2
45
4
10
5
90
7
105
1000
1000

(2) APRIL 18 66

10

	GEGREE	TIME		DRIFT		
4600+0	90.92	11:06	2	10.97		2548
4800+0	90.99	11:10		11.04		2565
5000+0	91.00	11:18	★	11.05		2567
5200+0	91.02	11:24	3	11.08		2574
5400+0	91.06	11:28		11.12		2583
5600+0	90.95	11:31		11.01		2558
5800+0	90.77	11:37		10.83		2516
6000+0	91.64	11:40	★	11.70		2718
6200+0	92.34	11:43		12.40		2881
6400+0	91.24	11:46	4	11.31		2627
6600+0	90.72	11:48		10.79		2507
6800+0	91.03	11:51		11.10		2579
7000+0	91.11	11:54	★	11.18		2597
7200+0	91.10	11:56		11.17		2595
7400+0	91.17	12:02		11.24		2611
7600+0	91.17	12:10		11.24		2611
7800+0	91.17	12:17	5	11.25		2613
7900+20	91.17	12:25	★	11.25		2613
Base 10-00+0	91.60	1:45		0.08	8	2720
				11.71		

STARTING POINT 2 miles E - WBL. APRIL 19, 66

No. 8 South Base No 13 GOING E for 1½ miles

13 → 15

STATION	DEGREE	TIME	B.C. ~~DRIFT~~		
Base 13.00+0	92.39	9:44	-11 12.28	12.28	2853
200+0	92.23	9:51	12.12	12.12	2815
400+0	92.31	9:53	12.20	+1 12.21	2836
600+0	92.29	9:55	12.18	12.19	2832
800+0	92.23	9:57	12.12	12.13	2818
1000+0	92.33	10:00 *	12.22	12.23	2841
1200+0	92.35	10:02	12.24	12.25	2846
1400+0	92.44	10:04	12.33	12.34	2867
1600+0	92.52	10:06	12.41	12.42	2885
1800+0	92.51	10:08	12.40	12.41	2883
2000+0	92.47	10:10 *	12.36	+1 12.37	2874
2200+0	92.33	10:12	12.22	+2 12.24	2843
2400+0	92.21	10:14	12.10	12.12	2815
2600+0	92.04	10:18	11.93	11.95	2776
2800+0	91.85	10:24	11.74	11.76	2732
3000+0	91.68	10:26 *	11.57	11.59	2692
3200+0	91.72	10:28	11.61	+2 11.63	2702
3400+0	91.73	10:30	11.62	+3 11.65	2706
3600+0	91.80	10:32	11.69	11.72	2723
3800+0	91.84	10:34	11.73	11.76	2732
400+0	91.90	10:36 *	11.79	11.82	2746
4200+0	91.93	10:38	11.82	11.85	2753
4400+0	91.96	10:39	11.85	11.88	2760

	DEGREE	TIME	B.C ~~DRIFT~~		
4600+0	92.00	10:41	11.89	11.92	2769
4800+0	92.00	10:43	11.89	11.92	2769
5000+0	91.97	10:46 *	11.86	+3 11.89	2762
5200+0	92.00	10:50	11.89	+4 11.93	2771
5400+0	92.06	10:57	11.95	11.99	2785
5600+0	92.09	10:59	11.98	12.02	2792
5800+0	92.42	11:01	12.31	12.35	2869
6000+0	93.38	11:04 *	13.27	+4 13.31 HWY XING	3092
6200+0	93.55	11:07	13.44	+5 13.49	3134
6400+0	92.97	11:09	12.86	12.91	2999
6600+0	94.15	11:11	14.04	14.09	3273
6800+0	94.01	11:13	13.90	13.95	3241
7000+0	93.39	11:16 *	13.28	13.33	3097
7200+0	92.37	11:17	12.26	12.31	2860
7400+0	91.42	11:19	11.31	11.36	2639
7600+0	91.15	11:21	11.04	+5 11.09	2576
7800+0	91.34	11:23	11.23	+6 11.29	2623
7900+20	91.38	11:26	11.27	+6 11.33	2632

STARTING POINT 3½ miles E of WBL, APRIL 19, 66, 17

No 7 South Going WEST from STATION 7900+20, 00+0 Base To No. 1A

STATION	Degree	Time	Drift			
7900+20	91.15	11:50	11.04	+7	11.11	2581
7800+0	91.14	11:58	11.03	+8	11.11	2581
7600+0	91.23	12:00	11.12		11.20	2602
7400+0	91.23	12:05	11.12		11.20	2602
7200+0	91.18	12:09	11.07		11.15	2590
7000+0	91.15	12:14 *	11.04		11.12	2583
6800+0	92.07	12:16	11.96	+9	12.05	2799
					AS CROSS ROAD	
6600+0	91.19	12:24	11.08		11.17	2595
6400+0	91.18	12:27	11.07		11.16	2592
6200+0	91.15	12:30	11.04		11.13	2585
6000+0	91.18	12:32 *	11.07	+9	11.16	2592
5800+0	91.20	12:34	11.09	+10	11.19	2599
5600+0	91.30	12:36	11.19		11.29	2623
5400+0	91.35	12:39	11.24		11.34	2634
5200+0	91.70	12:47	11.59		11.69	2716
5000+0	91.74	12:50 *	11.63	+10	11.73	2725
4800+0	92.22	12:53	12.11	+11	12.22	2839
4600+0	91.96	12:55	11.85		11.96	2778
4400+0	91.54	12:57	11.43		11.54	2681
4200+0	91.57	1:00	11.46		11.57	2688
4000+0	91.47	1:02 *	11.36		11.47	2669
3800+0	90.90	1:05	10.79		10.90	2532
3600+0	90.81	1:06	10.70		11.81	2743

APRIL 19, 66
18

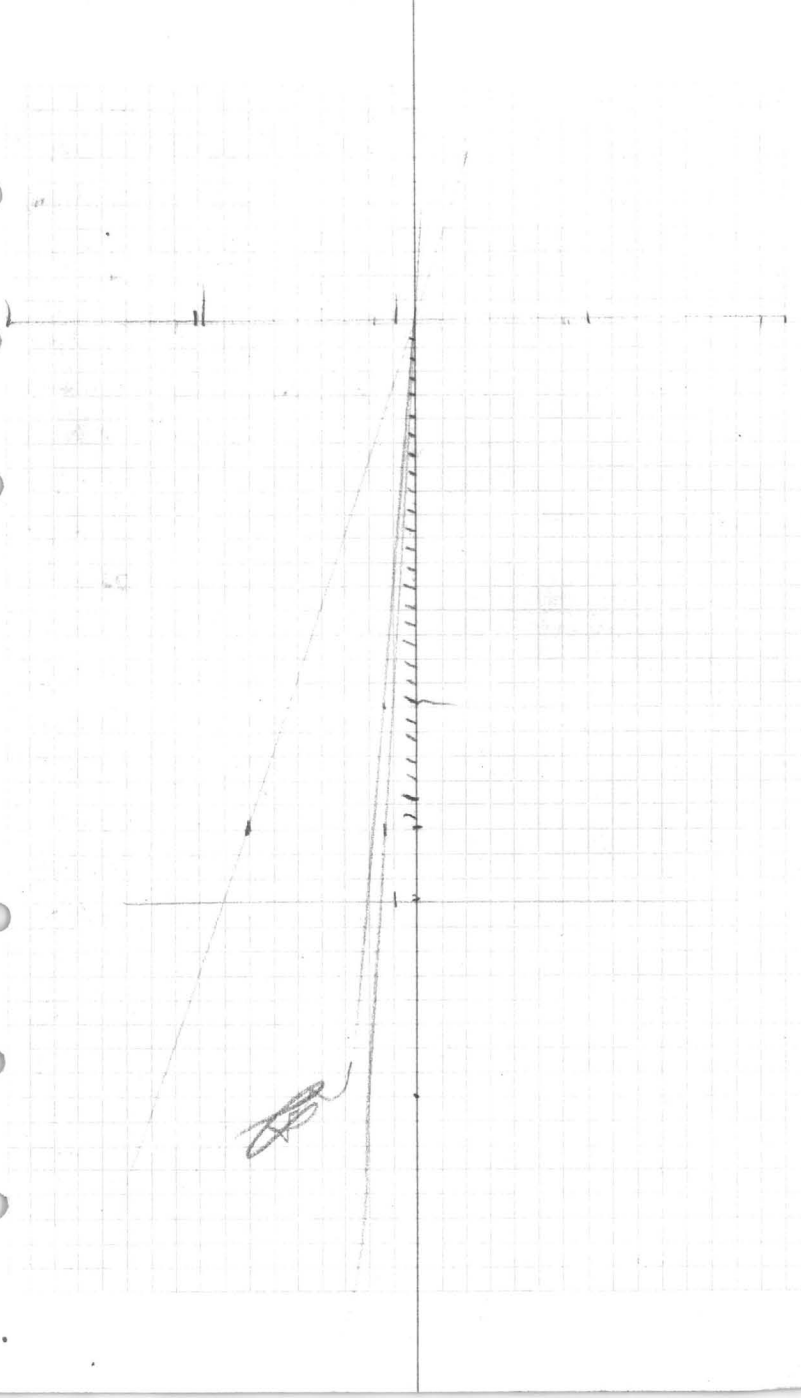
			B.L.		
3400 to	90.92	1:08	10.81	+11 10.92	2537
3200 to	90.70	1:11	10.59	+12 10.71	2488
3000 to	90.52	1:15	10.41	10.53	2446
2800 to	90.86	1:17	10.75	10.87	2525
2600 to	91.09	1:20	10.98	11.10	2579
2400 to	91.14	1:24	11.03	11.15	2590
2200 to	91.37	1:28	11.26	+12 11.38	2644
2000 to	91.07	1:32	10.96	+13 11.09	2576
1800 to	91.42	1:36	11.31	11.44	2658
1600 to	91.44	1:38	11.33	11.46	2662
1400 to	91.28	1:39	11.17	11.30	2625
1200 to	91.26	1:41	11.15	11.28	2620
1000 to	91.34	1:43	11.23	11.36	2639
800 to	91.41	1:45	11.30	+13 11.43	2655
600 to	91.46	1:47	11.35	+13 11.48	2667
400 to	91.58	1:49	11.47	+14 11.61	2697
200 to	91.66	1:52	11.55	11.68	2713
Base No 14 00 to	91.76	1:54	11.65	11.79	2739

STARTING Point 2 miles E of W.B.L. APRIL 20, 66
No 6 South. Base # 15.

.25° or 58' 19"

.450 r/min

STATION	Degree	Time		Drift			
Base #15 00+0	92.25	8:26		92.13		°92.13	2818
200+0	92.18	8:29		92.06	+1	12.07	2804
400+0	92.10	8:32		91.98	+1	11.99	2785
600+0	92.08	8:35		91.96	+2	11.98	2783
800+0	92.05	8:38		91.93	+3	11.96	2778
1000+0	92.01	8:41	✱	91.89	+3	11.92	2769
1200+0	92.01	8:44		91.89	+4	11.93	2771
1400+0	92.08	8:47		91.96	+4	12.00	2788
1600+0	92.06	8:50		91.94	+5	11.99	2785
1800+0	92.09	8:53		91.97	+5	12.02	2792
2000+0	92.42	8:56	✱	92.30	+6	12.36	2871
2200+0	92.24	8:58		92.12	+7	12.19	2832
2400+0	91.48	9:00		91.36	+7	11.43	2655
2600+0	91.82	9:02		91.70	+7	11.77	2734
2800+0	92.52	9:04		92.40	+8	12.48	2899
3000+0	92.90	9:06	✱	92.78	+8	12.86	2987
3200+0	92.00	9:07		91.88	+8	11.96	2778
3400+0	91.87	9:10		91.75	+9	11.84	2750
3600+0	91.79	9:12		91.67	+10	11.77	2734
3800+0	91.80	9:15		91.68	+10	11.78	2736
4000+0	91.60	9:18	✱	91.48	+11	11.59	2692
4200+0	91.49	9:21		91.37	+12	11.49	2669
4400+0	91.44	9:23		91.32	+12	11.44	2658
4600+0	91.40	9:25		91.28	+13	11.41	2651



APRIL 20 66

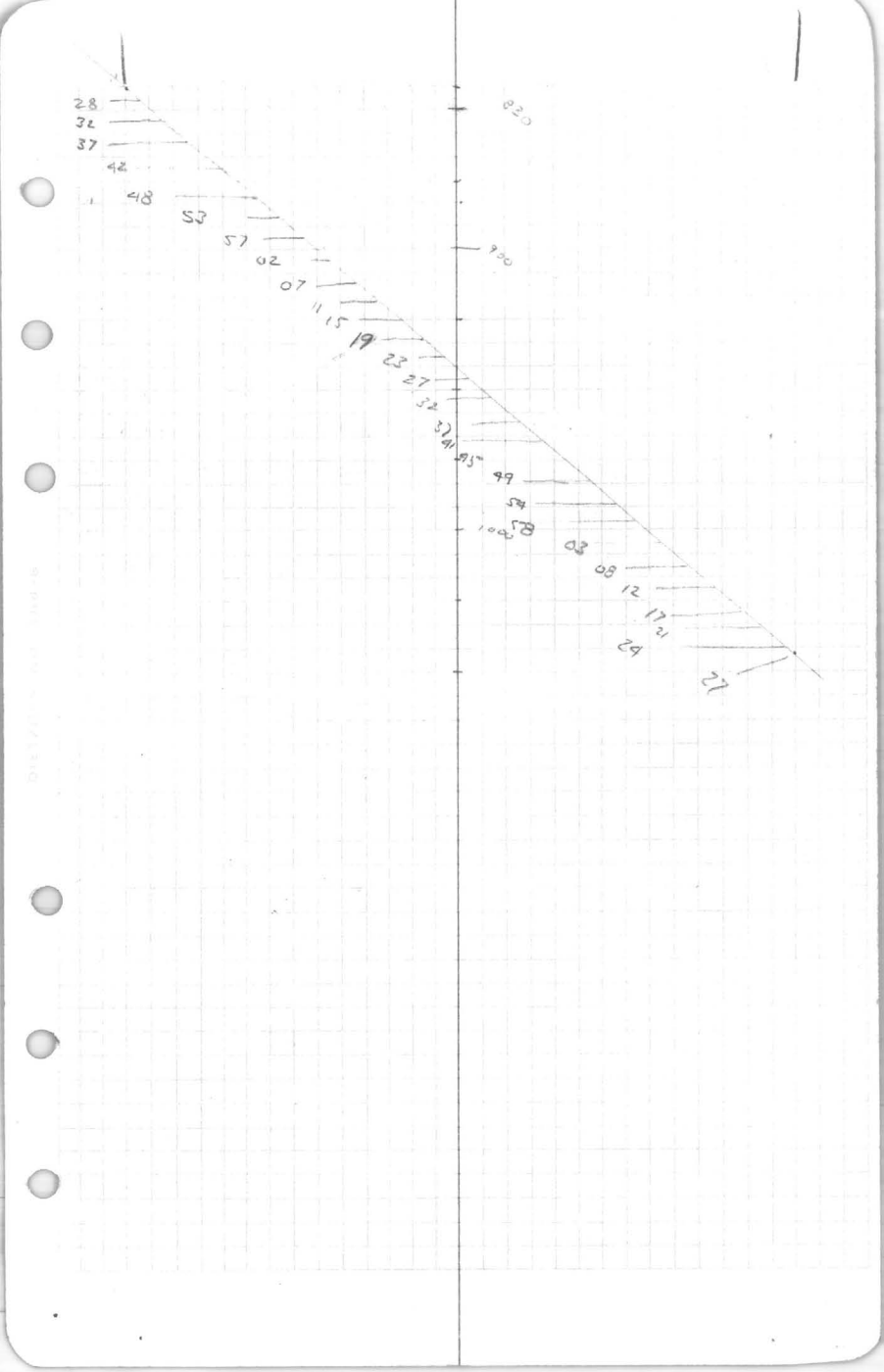
20

STATION	Degree	Time	Drift		
4800+0	91.40	9:26	91.28	+13 11.41	2651
5000+0	91.35	9:28 ✱	91.23	+14 11.37	2691
5200+0	91.30	9:31	91.18	+14 11.32	2630
5400+0	91.22	9:34	91.10	+15 11.25	2613
5600+0	91.29	9:40	91.17	+16 11.33	2632
5800+0	91.29	9:50	91.17	+19 11.36	2639
6000+0	91.23	9:55 ✱	91.11	+20 11.31	2627
6200+0	91.23	9:59	91.11	+21 11.32	2630
6400+0	91.21	10:02	91.09	+21 11.30	2625
6600+0	91.42	10:03	91.30	+21 11.51	2674
6800+0	91.47	10:05	91.35	+22 11.59	2692
7000+0	91.30	10:08 ✱	91.18	+22 11.40	2648
7200+0	90.74	10:09	90.62	+23 10.85	2520
7400+0	91.38	10:11	91.26	+23 11.49 HWY XING	2669
7600+0	91.40	10:13	91.28	+24 11.52	2676
7800+0	91.28	10:16	91.16	+24 11.40	2648
7900+20	91.30	10:18	91.18	+25 11.43	2655

STARTING Point. 3½ mile E. WBL.

No 5 South – Base 53 to BASE No. 16

7900+20 Base 53	91.40	10:27	91.28	+28 91.56	2685
7800+0	91.74	10:30	+ .16	91.80	2741
7600+0	90.94	10:32	+ .16	91.10	2578
7400+0	91.79	10:33	+ .16	91 95	2776
7200+0	92.06	10:35	.16	92.22	2839
7000+0	92.74	10:37 ✱	.16	92.90	2997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58
03
08
12
17
21
24
27
820
900
1000

APRIL 20, 21

STATION	Degree	Time			
6800+0	93.32	10:38	.16	93.48	3131
6600+0	92.59	10:40	.16	92.75	2962
6400+0	92.20	10:41	.16	92.36	2871
6200+0	91.43	10:43	.16	91.69	2716
6000+0	91.44	10:44	.17	91.61	2697
5800+0	91.67	10:46	.17	91.84	2750
5600+0	91.66	10:47	.17	91.83	2748
5400+0	91.25	10:48	.17	91.42	2653
5200+0	91.86	10:50	.17	92.03	2795
5000+0	91.47	10:52	.17	91.64	2704
4800+0	91.93	10:55	.17	92.10	2811
4600+0	91.42	10:57	.17	91.59	2692
4400+0	91.14	10:59	.17	91.31	2627
4200+0	91.18	11:00	+.17	91.35	2637
4000+0	91.20	11:02	.18	91.38	2644
3800+0	91.27	11:07	.18	91.45	2660
3600+0	91.27	11:12	.18	91.45	2660
3400+0	91.32	11:15	.18	91.50	2671
3200+0	91.26	11:16	.18	91.44	2658
3000+0	91.28	11:17	.18	91.42	2653
2800+0	91.32	11:18	.18	91.50	2671
2600+0	91.45	11:20	.18	91.63	2702
2400+0	91.47	11:22	.18	91.65	2706
2200+0	91.37	11:24	.18	91.55	2683
2000+0	91.40	11:25	.19	91.59	2692

APRIL 20, 66

STATION	Degree	Time	Drift		
1800+0	91.48	11:27	.19	91.67	2711
1600+0	91.58	11:29	.19	91.77	2734
1400+0	91.65	11:31	.19	91.84	2750
1200+0	91.74	11:33	.19	91.93	2771
1000+0	91.94	11:36*	.18	92.03	2795
800+0	92.26	11:39	.19	92.45	2892
600+0	92.20	11:41	.19	92.39	2878
400+0	92.47	11:43	.19	92.66	2941
200+0	92.70	11:45	.19	92.89	2994
Base # 1600+0	92.85	11:48	+.19	93.09	3029

APRIL 20 66

STARTING POINT 2 miles E of W.B.L.

No 4 South - Base No 17 Going E. 80-()xK

STATION	Degree	Time			
Base # 1700+0	93.06	12:53	+.14	93.20	3066
200+0	92.79	1:05	+.14	92.93	3004
400+0	92.65	1:12	+.14	92.79	2971
600+0	92.45	1:25	+.14	92.59	2925
800+0	92.34	1:30	+.14	92.48	2899
1000+0	92.19	1:35	+.14	92.33	2864
1200+0	92.02	1:45	+.14	92.16	2825
1400+0	92.04	1:47	+.14	92.18	2829
1600+0	91.61	1:52	+.13	91.74	2727
1800+0	91.32	1:54	+.13	91.45	2660
2000+0	91.63	2.06	+.13	91.76	2732

DRILLING EQUIP IN AREA

STATION	Degree	Time			
2200+0	91.59	2:09	±.13	91.72	2723
2400+0	91.51	2:10	.13	91.64	2704
2600+0	91.41	2:12 *	±.13	91.54	2681
2800+0	91.30	2:15	±.13	91.43	2655
3000+0	91.31	2:18 *	±.13	91.44	2658
3200+0	91.30	2:20	±.13	91.43	2655
3400+0	91.37	2:22	±.13	91.50	2671
3600+0	91.19	2:24	±.13	91.32	2630
3800+0	91.13	2:26	±.12	91.25	2613
4000+0	91.04	2:28 *	±.12	91.16	2592
4200+0	91.56	2:30	±.12	91.68	2713
4400+0	91.26	2:32	±.12	91.38	2644
4600+0	91.44	2:33	±.12	91.56	2685
4800+0	91.38	2:36	±.12	91.50	2671
5000+0	91.40	2:37 *	±.12	91.52	2676
5200+0	91.25	2:39	±.12	91.37	2641
5400+0	92.97	2:42	.12	93.09	3041
5600+0	91.33	2:44	±.12	91.45	2660
5800+0	91.76	2:46	±.12	91.88	2760
6000+0	90.81	2:50 *	±.12	90.93	2539
6200+0	90.41	2:52	±.12	90.53	2446
6400+0	91.65	2:53	±.11	91.76	2732
6600+0	91.38	2:55	±.11	91.46	2662
6800+0	91.06	2:57	±.11	91.17	2595
7000+0	91.09	2:59 *	.11	91.20	2602

STATION	Degree	Time			
7200+0	91.14	3:02	+ .10	91.24	2611
7400+0	91.02	3:04	+ .10	91.12	2583
7600+0	91.02	3:09	+ .10	91.12	2583
7800+0	90.90	3:11	+ .10	91.00	2555
Page #52 7900+20	90.91	3:12	+ .10	91.01	2558

91.84 Base #11

92.09 Base #12

DIETZGEN NO 384-B

ORIGINAL COPR. 1960 BY J. C. PARKER

4-21-66

25

TR. MK. REG. U.S. PAT. OFF.

Sta	time	dial				
Base #1	Going	west to		Base #	18	
			+20			
79+20				0		
Base #1	11:35	90.82	11.02		11.02	2560
78+	37	90.82	11.02	0	11.02	2560
76	38	90.92	11.12	0	11.12	2583
74	38	90.89	11.09	0	11.09	2576
72	39	91.79	11.99		11.99	2785
70	40	90.61	10.81	-1	10.80	2509
68	41	91.25	11.45	-1	11.44	2658
66	42	92.02	12.22	-1	12.21	2836
64	43	91.89	12.09	-1	12.08	2806
62	44	90.96	11.16	-1	11.15	2590
60	45	92.07	12.27	-1	12.26	2848
58	47	90.84	11.04	-1	11.03	2562
56	48	91.13	11.33	-2	11.31	2627
54	49	91.12	11.32	-2	11.30	2625
52	50	91.04	11.24	-2	11.22	2606
50	51	91.91	12.11	-2	12.09	2809
48	52	90.55	10.75	-2	10.73	2493
46	53	90.99	11.14	-2	11.12	2583
44	54	91.06	11.26	-2	11.24	2611
42	55	91.13	11.33	-2	11.31	2627
40	56	91.70	11.90	-3	11.87	2757
38	58	91.25	11.45	-3	11.42	2653
36	59	91.14	11.34	-3	11.31	2627
34	1201	91.35	11.55	-3	11.52	2676
32	02	91.31	11.51	-3	11.48	2667
30	03	91.33	11.53	-3	11.50	2671
28	04	91.20	11.40	-4	11.36	2639
26	05	91.14	11.34	-4	11.30	2625

LEFAX, PHILADELPHIA 21 PA., MADE IN U.S.A.

4-21-66

TR. MK. REG. U.S. PAT. OFF.

ORIGINAL COPR. 1946 BY J. C. PARKER

Sta	time	dial	+20			
24+00	1206	91.33	11.53	-0	11.99	2669
22	07	91.27	11.47	-0	11.93	2655
20	08	91.14	11.34	-0	11.30	2625
18	09	91.47	11.67	-0	11.63	2702
16	10	91.34	11.54	-0	11.50	2671
14	11	91.38	11.58	-0	11.54	2681
12	12	91.66	11.86	-5	11.81	2743
10	13	92.00	12.20	-5	12.15	2822
8	14	92.35	12.55	-5	12.50	2904
6	15	92.74	12.94	-5	12.89	2994
4	16	93.21	13.41	-5	13.36	3104
2	17	93.76	13.96	-5	13.91	3231
Base #18 0	24	93.19	13.39	-6	13.33	3097

Base # 19 going east to Base # 50

Base # 19			+17			
0+00	1237	92.67	92.84	0	12.84	2983
2+	43	92.30	92.47	0	12.47	2897
4	45	91.82	11.99	+1	11.99	2785
6	46	91.43	11.60	+1	11.61	2697
8	47	91.71	11.88	+1	11.89	2762
10	54	95.24	15.41 next	+2	15.42 to contact	3582
12	59	91.13	11.30	+2	11.32	2630
14	1301	91.00	11.17	+2	11.19	2599
16	02	90.89	11.06	+2	11.08	2574
18	03	91.05	11.22	+2	11.24	2611
20	05	91.14	11.31	+2	11.33	2632
22	12	91.18	11.35	+2	11.37	2637
24	14	91.07	11.24	+3	11.27	2611
26	15	91.10	11.27	+3	11.30	2625

LEFAX, PHILADELPHIA 2, PA., MADE IN U.S.A.

4-21-66

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ORIGINAL COPR. 1910 BY J C PARKER

28	1316	91.09	11.26	3	11.29	2623
30	17	91.28	11.45	3	11.48	2667
32	18	91.04	11.21	3	11.24	2611
34	19	91.60	11.77	3	11.80	2741
36	20	92.02	12.19	3	12.22	2839
38	21	91.36	11.53	3	11.56	2685
40	25	91.00	11.17	3	11.20	2602
42	26	91.60	11.77	3	11.80	2741
44	27	90.70	10.87	4	10.91	2534
46	28	91.45	11.62	4	11.66	2709
48	30	91.32	11.49	4	11.53	2678
50	31	91.24	11.41	4	11.45	2660
52	32	91.18	11.35	4	11.39	2646
54	33	90.96	11.13	4	11.17	2594
56	34	90.86	11.03	4	11.07	2572
58	35	90.78	10.95	4	10.99	2553
60	36	90.24	10.41	4	10.45	2428
62	37	90.79	10.96	4	11.00	2555
64	38	90.73	10.90	4	10.94	2541
66	39	90.78	10.95	4	10.99	2553
68	40	90.91	11.08	4	11.12	2583
70	42	90.84	91.01	5	11.06	2569
72	44	90.89	11.06	5	11.11	2581
74	45	90.88	11.05	5	11.10	2579
76	46	90.88	11.05	5	11.10	2579
78	47	90.75	10.92	5	10.97	2548
Bore # 50 79+20	49	90.63	10 80	5	10.85	2520

LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

4-21-66

TR. MK. REG. U.S. PAT. OFF.

ORIGINAL COPR. 1949 BY J. G. PARKER

sta	time	dial	+22			
Base #20		Going east for ½ mile				
Base #20 0+00	1443	91.09	91.31	0	11.31	2627
2	44	91.11	11.33	0	11.33	2632
4	45	91.10	11.32	0	11.32	2630
6	46	91.17	11.39	-1	11.39	2646
8	47	91.06	11.28	-1	11.27	2618
10	50	91.14	11.38	-1	11.37	2641
12	51	91.06	11.28	-1	11.27	2618
14	52	91.15	11.37	-2	11.36	2639
16	55	91.10	11.32	-2	11.30	2625
18	56	91.08	11.30	-2	11.28	2620
20	57	91.06	11.28	-2	11.26	2616
22	58	92.16	12.38	-2	12.36	2871
29	1503	91.79	12.01	-3	11.99	2785
26+40	07	91.35	11.57	-3	11.54	2681

starting point ¼ mile north of above line. Going to Base # 22 on line O N-S

39+60	1522	91.47	11.69	-5	11.64	2704
38	25	91.39	11.61	-6	11.55	2683
36	26	91.15	11.37	-6	11.31	2627
34	28	91.22	11.44	-6	11.38	2644
32	29	91.27	11.49	-7	11.42	2653
30	31	91.26	11.48	-7	11.41	2651
28	32	91.30	11.52	-7	11.45	2660
26	33	90.80	11.02	-7	10.95	2544
24	34	91.09	11.31	-7	11.24	2611
22	36	90.74	10.96	-8	10.88	2527
20	37	91.15	11.37	-8	11.29	2623

LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

4-21-66

TR. MK. REG. U.S. PAT. OFF.

ORIGINAL COPR. 1918 BY A. O. PARKER

sta	time	dial	+22			
18	1538	91.20	11.42	-8	11.34	2634
16	40	91.25	11.47	-8	11.39	2646
14	41	91.31	11.53 (19 13 / 23 29)	-9	11.44	2658
12	42	91.37	11.59	-9	11.50	2671
10	44	91.28	11.50	-9	11.41	2651
8	46	91.34	11.56	-10	11.47	2669
6	48	91.37	11.59	-10	11.49	2669
4	51	91.38	11.60	-10	11.50	2671
2	52	91.76	11.98	-11	11.88	2760
Base #22 0	53	91.99	12.21	-	12.10	2811

Base #21 going east to Base # 20

Base 21 0+00	1558	91.93	+13 12.06		12.06	2806
2	1600	91.19	11.92		11.42	2653
4	01	91.28	11.41		11.41	2651
6	02	91.24	11.37		11.37	2641
8	03	91.56	11.69		11.68	2713
10	04	91.51	11.64		11.63	2702
12	06	91.02	11.15		11.14	2588
Base #20 13+20	07	91.19	11.32		11.31	2627

LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A.

9S 52+80 = Base # 12 Line 9S

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4/22/66
ARIZANA

TR. MK. REG. U.S. PAT. OFF.

Sta	Time	Dial	-13			
52+80	8:38	92.22	92.09	0	92.09	
52	8:50	92.19	92.06	+2	92.08	2809
48 50	8:51	92.14	12.01	2	12.03	2795
46	8:55	92.27	12.14	3	12.17	2827
44	8:56	92.28	12.15	3	12.18	2829
42	8:57	92.19	12.01	3	12.09	2797
40	8:58	92.26	12.13	3	12.16	2825
38	8:59	92.19	12.06	3	12.09	2809
36	9:01	92.15	12.02	4	12.06	2802
34	9:02	92.24	12.11	5	12.16	2825
32	9:05	92.14	12.01	5	12.06	2802
30	9:06	92.09	11.96	5	12.01	2790
28	9:08	92.14	12.01	5	12.06	2802
26	9:12	92.08	11.95	5	12.00	2788
24	9:15	92.05	11.92	6 27	11.98	2783
22	9:18	92.02	11.89	6	11.95	2776
20	9:21	92.07	11.94	7	12.01	2790
18	9:23	92.09	11.96	7	12.03	2795
16	9:28	91.94	11.81	8	11.89	2762
14	9:35	91.94	11.81	9	11.90	2764
12	9:37	91.90	11.77	9	11.86	2755
10	9:46	91.68	11.55	10	11.65	2706
8	9:48	91.74	11.61	11	11.72	2723
6	9:55	91.55	11.42	12	11.54	2681
4	10:01	91.63	11.50	13	11.63	2702
2	10:06	91.60	11.47	14	11.61	2697
0+00	10:06	91.55	11.42	14	11.56	2685
Line		8 S	same loop			
0+00	10:26	91.48	11.35	17	11.52	~~2786~~ 2664 2676
2	32	91.50	11.37	17	11.54	2781
4	33	91.55	11.42	18	11.60	2695

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LEFAX, PHILADELPHIA 71 PA., MADE IN U.S.A.

ORIGINAL COPR. 1960 BY J C PARKER

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ORIZABA

TR. MK. REG. U.S. PAT. OFF.

,85 52+80 = Base #13 Line 85 (31)

Sta	Time	Dial				
6	10:34	91.60	11.47	18	11.65	2706
8	:36	91.60	11.47	18	11.65	2706
10	:38	91.63	11.50	18	11.68	2713
12	:39	91.66	11.53	19	11.72	2723
14	:43	91.80	11.67	19	11.86	2755
16	:45	91.84	11.71	19	11.90	2764
18	:46	91.94	11.81	20	12.01	2790
20	:48	92.00	11.87		12.07	2804
22	:50	92.06	11.93	20	12.13	2818
24	:54	92.04	11.91	21	12.12	2815
26	:57	92.00	11.87	21	12.08	2806
28	:59	92.02	11.89	22	12.11	2813
30	11:01	92.14	12.01	22	12.23	2841
32	:03	92.10	11.97	22	12.19	2832
34	:04	92.06	11.93	22	12.15	2822
36	:05	92.06	11.93	23	12.16	2825
38	:07	92.17	12.04	23	12.27	2850
40	:08	92.29	12.16	23	12.39	2878
42	:10	92.30	12.17	23	12.40	2881
44	:11	92.29	12.16	24	12.40	2881
46	:12	92.32	12.19	24	12.43	2887
48	:13	92.21	12.08	24	12.32	2862
50	:14	92.20	12.07	24	12.31	2860
52	:15	92.20	12.07	25	12.32	2862
52+80	11:16	92.16	92.03	25	12.28	2853

LEFAX, PHILADELPHIA 5, PA., MADE IN U.S.A.

ORIGINAL COPR. 1970 BY J C PARKER

LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

7S-105+60 = Base 14

Line 7S

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4/22/66
ARIZONA

TR. MK. REG. U.S. PAT. OFF.

Sta	Time	Dial	B.C. +12			
105+60	12:05	91.67	+11.79	D	11.79	2739
104	:10	91.83	11.95		11.95	2776
102	:12	91.79	11.91		11.91	2767
100	:13	91.75	11.87		11.87	2757
98	:14	91.78	11.90		11.90	2764
96	:16	92.07	12.19		12.19	2820
94	:17	91.83	11.95		11.95	2776
92	:18	92.07	12.19		12.19	2832
90	:19	92.12	12.24		12.24	2843
88	:20	92.08	12.20		12.20	2834
86	:21	92.22	12.34		12.34	2867
84	:23	92.30	12.42	D	12.42	2885
82	:25	92.29	12.41	+1 A	12.42	2885
80	:26	92.30	12.42		12.43	2887
78	:27	92.31	12.53		12.54	2913
76	:29	92.22	12.34		12.35	2869
74	:31	92.30	12.42		12.43	2887
72	:33	92.35	12.47		12.48	2899
70	:40	92.30	12.42		12.43	2887
68	:50	92.39	12.51		12.52	2908
66	:54	92.20	12.32		12.33	2864
64	:57	92.18	12.30	+1	12.31	2860
62	:59	92.11	12.23	+2	12.25	2846
60	1:00	92.08	12.20		12.22	2839
58	:03	92.05	12.17		12.19	2832
56	:12	91.92	12.04		12.06	2802
54	:13	91.90	12.02		12.04	2797
52	:14	91.85	11.97		11.99	2785
50	:15	91.78	11.90		11.92	2769
48	:16	91.79	11.91		11.93	2771
46	:17	91.77	11.89		11.91	2767

ORIGINAL COPR. 1919 BY J. C. PARKER

7S - 0+00 = Base #8

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4/22/66
0B12ABA

TR. MK. REG. U.S. PAT. OFF.

sta	Line time	7S Dial	+12		
44	1:18	91.70	11.82	11.84	2750
42	:19	91.77	11.89	11.91	2767
40	:21	91.94	12.06	12.08	2806
38	:22	91.72	11.84	11.86	2755
36	:23	91.80	11.92	11.94	2774
34	:25	91.80	11.92	11.94	2774
32	:28	91.82	11.94	11.96	2778
30	:30	91.82	11.94	11.96	2778
28	:31	91.52	11.64	11.66	2709
26	:32	91.89	12.01	+2 12.03	2795
24	:33	91.84	11.96	+3 11.99	2785
22	:34	91.72	11.84	11.87	2757
20	:36	91.85	11.97	12.00	2788
18	37	91.76	11.88	11.91	2767
16	38	91.83	11.95	11.98	2783
14	39	91.74	11.86	11.89	2762
12	40	91.78	11.90	11.93	2771
10	41	91.70	11.82	11.85	2753
8	43	91.70	11.82	11.85	2753
6	44	91.78	11.90	11.93	2771
4	45	91.70	11.82	11.85	2753
2	47	91.49	11.61	11.64	2704
Base #8 0+00	50	91.65	11.77	11.80	2741

starting point west base line 8S Base #9
going east 1 mile

0+00 Base #9	1416	91.49	11.69	0 11.69	2716
2	20	91.47	11.67	-1 11.66	2709
4	21	91.50	11.70	-1 11.69	2716
6	22	91.50	11.70	-1 11.69	2716

LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A

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LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A.

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4-22-66

TR. MK. REG. U.S. PAT. OFF.

sta	time	dial				
8	1422	91.43	11.63	-1	11.62	2699
10	24	91.46	11.66	-1	11.65	2706
12	25	91.45	11.65	-2	11.63	2702
14	26	91.56	11.76	-2	11.74	2727
16	27	91.49	11.69	-2	11.67	2711
18	28	91.54	11.74	-2	11.72	2723
20	29	91.31	11.51	-2	11.49	2669
22	31	91.55	11.75	-2	11.73	2725
24	32	91.46	11.66	-3	11.63	2702
26	35	91.47	11.67	-3	11.64	2704
28	36	91.46	11.66	-3	11.63	2702
30	37	91.48	11.68	-4	11.64	2704
32	38	91.51	11.71	-4	11.67	2711
34	40	91.51	11.71	-4	11.67	2711
36	45	91.56	11.76	-5	11.71	2720
38	46	91.58	11.78	-5	11.73	2725
40	47	91.58	11.78	-5	11.73	2725
42	48	91.58	11.78	-5	11.73	2725
44	49	91.57	11.77	-6	11.71	2720
46	51	91.49	11.69	-6	11.63	2702
48	52	91.51	11.71	-6	11.65	2706
50	53	91.62	11.82	-6	11.76	2732
52	54	91.54	11.74	-6	11.68	2713
52+80	58	91.56	11.76	-7	11.69	2716
Base #14	15:35	91.73	11.93	-14	11.79	2739

$\overline{)14}$

$$\begin{array}{r} 137 \\ 79\overline{)30180} \\ 237 \\ \hline 630 \\ 632 \end{array}$$

Base Loops

4/26/66
ORIZABA

TR. MK. REG. U.S. PAT. OFF.

Sta	Time	Dial
#21	2:14	91.89
22	2:24	91.92
23	2:35	91.03
24	2:48	90.92
21	3:10	91.93
24	3:48	90.96
49	4:10	89.83
24	4:32	90.96

1.13

11.09
9.96
1.13

ORIGINAL COPR. 1916 BY J. C. PARKER

LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A

ORIGINAL COPR. 1918 BY A. O. PARKER

4-27-66

TR. MK. REG. U.S. PAT. OFF.

Base checks & put in ones knocked out by cattle

Base #	time	dial			
1	1316	91.45	0	91.45	91.53
2	23	91.39	0	91.39	91.47
3	32	91.42	11	91.43	91.51
4	40	91.49	1	91.50	91.58
5	46	91.57	1	91.58	91.66
1	1404	91.43	2	91.45	91.53
5	43	91.54	0	91.54	91.66
6	49	91.68	0	91.68	91.80
7	55	91.76	1	91.75	91.87
8	1501	91.69	1	91.68	91.80
9	07	91.58	1	91.57	91.69
5	35	91.56	12	91.54	91.66
1	48	91.46	0	91.46	91.53
48	1600	91.81	11	91.80	91.87
47	08	92.09	1	92.08	92.15
46	16	92.15	12	92.13	92.20
45	25	92.09	2	92.02	92.09
44	34	91.92	3	91.89	91.96
1	1700	91.50	4	91.46	91.53

LEFAX, PHILADELPHIA 7, PA MADE IN U.S.A.

START - [illegible] Miles E. WBL. go[illegible] west. - Base 15 # 6 South. ARR[illegible] 28

Station	Time	Degree	Sta	Time	Degree
10000+560 #15 Base	9:32	92.16	5+8	10:17	92.54
10000+400	9:34	92.31	5+6	:18	.56
10000+200	:36	92.42	5+4	:19	.53
10000+00	:37	.57	5+2	:20	.70
9000+800	:38	.29	5000+0	:21	.28
9+6	:39	.18	4+8	22	.22
9+4	:42	.35	4+6	:23	.26
9+2	:43	.55	4+4	:25	.19
9000+00	:44	.60	4+2	10:30	.34
8+8	:45	.75	4000+0	:31	.35
8+6	:46	.75	3+8	:32	.47
8+4	:48	.76	3+6	:34	.49
8+2	:50	.80	3+4	:35	.54
8000+0	:52	.77	3+2	:36	.53
7+8	:54	.90	3000+0	:37	48
7+6	:56	.92	2+8	:38	.44
7+4	10:04	.83	2+6	:39	.33
7+2	:07	.80	2+4	:40	.33
7000+0	:09	92.76	2+2	:42	.24
6+8	:10	.78	2000+0	:43	.23
6+6	:11	.74	1+8	:44	.14
6+4	:14	.67	1+6	:45	.15
6+2	:15	.67	1+4	:47	05
6000+0	:16	.67	1+2	:50	92.00
		Base	7000+0	[illegible]	91.99

10500

	TIME	DEG
56	12:05	92.02
58	:07	.48
6000+0	:08	.58
62	:15	.76
64	:16	92.92
66	:17	93.02
68	:19	.16
7000+0	:21	.27
72	:23	.33
74	:24	.36
76	25	.36
78	:26	.29
8000+0	:27	.27
82	:28	.08
84	:29	.14
86	:32	.39
88	:34	.68
9000+0	:36	.80
92	:37	.70
94	:41	.53
96	:43	.32
98	:44	.33
10,000+0	:46	23

B6. 91.23
B7. 91.78

	TIME	DEG
10200	12:48	93.04 ✓
10400	:53	92.84 ✓
BASE 16		
10560	12:55	92.84 ✓
Base 15	1:13	91.96
check	10200 =	93.05-1:03

4/20/66

	TIME	DEGREE
BASE 11	2:17	91.69
200	:20	91.72
400	:21	.58
600	:22	.67
800	:23	.67
1000+0	:24	.65
12	:25	.65
14	:26	.58
16	:27	.57
18	:28	.57
2000+0	:29	.52
22	:30	.50
24	:31	.48
26	:32	.54
28	:33	.61
3000+0	:34	.61
32	:35	.61
34	:36	.86
36	:41	92.11
38	:42	91.36
AWY XING 4000+0	:43	90.92
42	:45	90.95
4300 – BACK	2:47 –	91.50
44	:46	93.46
4500 OP	2:48 –	94.15

	TIME	DEGREE
46	2:49	92.11
48	:50	90.43
5000+0	:51	90.60

STARTING POINT 5000' E of BASE 12

	TIME GOING WEST	DEG
5000+0	3:00	91.32
48	:01	.44
46	:02	.28
44	:03	90.89
42	:04	91.03
4000+0	:05	.27
38	:07	.37
36	:08	.64
34	:09	.86
32	:10	92.11
3000+0	:11	.20
28	:12	.08
26	:13	91.99
24	:14	91.96
22	:15	.83
2000+0	:16	.93
18	:17	.82
16	:18	92

APRIL 28

	TIME	DEGREE
14	3:19	91.82
12	3:20	91.82
10000+0	3:21	91.87
8	:22	.89
6	:23	.97
4	:24	9202
2	:25	92.01
BASE 12 00+00	:27	92.04
BASE 11	:32	91.78

-26

		DEGREE
1000+0	10:51	91.99
8	11:09	91.89
6	:10	.83
4	:11	.85
2	:12	.82
000+0 Base 7	:15	91.78

9:32
11:15
1:43

B.15, 92.16 92.13 ×3
B.7 = 91.78 91.84 ×3
78 = 87
-9

GOING TO BASE 16 EAST

BASE 6	TIME	DEG			
00.00	11:26	91.73	28	:47	92.36
200	:35	60	3000+0	:48	.46
4	36	76	3200	:49	.51
6	37	87	34	:50	.66
8	38	85	36	:52	.63
1000+0	39	82	38	:53	.72
12	40	84	4000+0	:55	.88
14	41	92.01	42	:56	.78
16	42	05	44	:57	.48
18	43	10	46	:58	.23
2000+0	44	22	48	:59	26
22	44	29	5000+0	12:01	32
24	45	27	52	:02	24
26	46	36	54	:04	33

STARTING POINT BASE 17 APRIL 29

GOING W to BASE 5

STATION	TIME	DEGREE
10000 +568 BASE 17	9:27	93.24
10000+400	:33	93.12
" +200	:34	93.11
10000+00	:36	94.12
9 +800	:37	.07
9 +6	:38	.16
9 +4	:40	.67
9 +2	:47	94.56
9000+00	:54	93.73
8 +8	58	.40
8 +6	59	.48
8 +4	10:02	.50
8 +2	:03	.47
8000+0	:04	.33
7 +8	:06	.30
7 +6	:07	.31
7 +4	:08	.10
7 +2	:09	92.99
7000+0	:10	93.07
6 +8	:11	.13
6 +6	:12	.10
6 +4	:14	92.85
6 +2	:15	:62

29 APRIL 66

STATION	Time	Degree
6000+0	10:16	92.43
5+8	:17	32
5+6	:19	20
5+4	:21	15
5+2	:25	05
5000+0	:27	91.99
4+8	10:30	92.15
4+6	:32	"
4+4	:33	.20
4+2	:35	.34
4000+0	:37	.45
3+8	38	.48
3+6	39	.70
3+4	40	.80
3+2	41	92.99
3000+0	42	.90
2+8	43	92.78
2+6	44	.59
2+4	45	.49
2+2	46	.39
2000+0	47	.22
1+8	48	.16
1+6	49	.10
1+4	50	92.00

29 APRIL 66

	TIME	DEGREE
1+2	10 51	91.89
1000+0	52	83
0+8	53	.83
0+6	54	.75
0+4	54	91.68
0+2	55	.65
Base #5 0 0+00	56	.66

STArting Point Base #4 Going E.
To Base # 18

STATION	Time	Degree
Base #4 00+0	11:11	91.58
0+2	19	.57
0+4	20	.69
0+6	21	.67
0+8	22	.82
1000+0	23	83
1+2	24	93
1+4	25	.95
1+6	26	92.06
1+8	27	.07
2000+0	28	09
2+2	29	21
2+4	11:30	27

29 April 66

	TIME	DEGREE
2 + 6	11:31	92.36
2 + 8	32	45
3000 + 0	33	69
3 + 2	34	92.97
3 + 4	35	93.17
3 + 6	36	.32
3 + 8	37	.41
4000	38	44
4 + 2	39	64
4 + 4	40	62
4 + 6	41	71
4 + 8	11:50	72
5000 + 0	51	50
5 + 2	52	31
5 + 4	53	27
5 + 6	54	35
5 + 8	55	23
6000 + 0	56	23
6 + 2	58	21
6 + 4	59	29
6 + 6	12:10	93.17
6 + 8	01	33
7000 + 0	03	37

29 APRIL 66

	TIME	DEGREE
7+2	12:04	93.19
7+4	:05	92.80
7+6	:12	.67
7+8	:13	.64
8000+0	:14	.76
8+2	:15	92.68
8+4	:16	77
8+6	:17	68
8+8	:19	65
9000+0	:21	56
9+2	:23	44
9+4	:25	48
9+6	:27	56
9+8	:28	86
10000+0	:29	93.19
10+2	:31	93.34
10+4	12:32	93.49
BASE 18 10+0	12:33	93.19
BASE 17	12:44	93:11

Base.

#1	91.67	+12 = C. DATA.
#2	91.62	-5
#3	91.68	+4
#4	91.73	+5
#5	91.80	+7

April 27, 66

-2 1.41=2 1hr. 2hrs per m. 3 .001 s.p. per m. (48m

12 hund. in 2hrs.

Base	Time	Degree	
# 1	1:16	91.45 -6	Drift -2
# 2	1:23	91.39	check w. 91.43 N. 9139 E 9140
# 3	1:32	91.42 +3	check w 91.46 N 91.42 E 9142
# 4	1:40	91.49 +7	
# 5	1:46	91.57 +8	
# 1	2:04	91.43	check w 91.47 N 91.43 - 1:08 E 9143
# 5	2:43	91.54	+2 Drift
# 6	2:49	91.68 +14	
# 7	2:55	91.76 +8	
# 8	3:01 (52m	91.69 -7	
# 9	3:07	91.58 -11	
# 5	3:35	91.56	
# 1	3:48	91.46	Drift +4
48	4:00	+35 91.81	Base torn up. Possible same Position
47	4:08	28 92.09	same as No 48
46	4:16	+6 92.15	good base
45	4:25	-9 92.04	torn up
44	4:34	-12 91.92	Base Torn up
1	5:00	91.50	

120
110
100

7920
1320

1/4 MI. E. of W.B.L. GOING E. FOR 1/4 MI.

STARTING AT BASE 25 (3N)

	TIME	DEG
BASE 25 0+0	1:58	90 75
200	2:02	90.97
400	:04	90.68
600	:05	95
800	:06	92.74
1000+0	:08	91.12
1200+0	:09	90.92
1300+20	2:11	90.84
BASE 25	2:18	90.75
	STARTING POINT BASE 25 GOING WEST to BASE 45	
BASE 25 6600+0	2:21	90.74
6400+0	24	.94
6200+0	25	.49
6000+0	26	91
58	27	90.83
56	28	77
54	29	90,29
52	2:31	.31
5000+0	32	89.07
48	34	90.99
46	36	.33
44	46	.41
42	47	89.86

2 APRIL 66

	TIME	DEGREE
4000+0	2:50	90.18 →
38	3:06	90.97
36	:08	.56
34	:12	.35
32	:14	9064
3000+0	:16	75
28	:19	87
26	:23	91.12
24	:24	91.30
22	:25	.32
2000+0	:26	33
18	:28	42
16	:29	37
14	:30	27
12	:31	27
1000+0	:32	27
8	:33	54
6	:34	80
4	:36	.98
2	37	92.16
Base 45 000+00	4:03	92.09
~~BASE 47~~	[illegible]	[illegible]
~~BASE 26~~	41	.33

BASE 49 2:57 89.81

¼ mile North

29 APRIL 66

	TIME	DEGREE
~~6:00~~	~~[illegible]~~	~~92.32~~
~~8:00~~	~~[illegible]~~	~~.33~~
~~3 N~~	~~4:03~~	~~92.59~~

PIR
515

	L/N	1/4 CORNOR
Base 44 L/N 0000	4:12	91.98
200	15	77
400	16	58
600	17	38
800	18	26
1000	18	18
1200	19	18
1400	20	45
1600	22	56
1800	23	72
2000	24	44
2200	26	10
2400	27	90.95
2600	29	91.07
2800	34	90.47
3000	38	89.55
3200	41	89.63
3400	42	.31
3400+80 BASE	49 4:43	89.85
Base 26	5:03	90.81

~~91.96~~

9°

91.96
44 89.81
2.15

ABEM

Coarse V55

Instrument Tests 4/26/66

		Reading		Ave	Time	Δt	Drift		−800 ×9.5	Base Value	−800 ×8.96		
Base	21	919.4	920.4	919.9	2:18			919.90	1139.0	2802	1074.	2802	2802
						10	−.26						
	22	923.2	922.5	922.85	2:28		−.26	922.59	1165.	2828	1098	2826	2811
						13	−.35						
	23	899.0	903.2	901.10	2:41		−.61	900.49	955	2618	900.4	2628	2602
						11	−.29						
	24	899.9	897.0	898.45	2:52		−.90	897.55	926.7	2590	874	2602	2576
						22	−.60						
	21	920.3	922.5	921.4	3:14		−1.50	919.90	1139	2802		2802	
						56		Total Drift +1.5 DIV					
						1.5		Drift +0.026 DIV/min					
										1694			
	24	896.8	899.3	898.05	3:53			898.05	931.5	2576			
						23	+.23						
	49	868.9	873.3	871.10	4:16		+.23	871.33	677.6	2322			
						20	+.22						
	24	896.0	899.2	897.60	4:36		+.45	898.05	931.5				
						43							

Astoria

Base	# 21	91.89	2:14	91.89	2762	2802
	# 22	91.92	2:24	91.91	2767	2807
	# 23	91.03	2:35	91.01	2558	2598
	# 24	90.92	2:48	90.89	2530	2570
	# 21	91.93	3:10	91.89	2762	2802
	24	90.96	3:48	90.96	2546	2576
	49	89.83	4:10	89.83	2284	2314
	24	90.96	4:32	90.96	2546	2576
						2314
						122

26 June 66

BASES		COMP DEGREE	DEGREE	TIME	BASE
51		91.02	91.02	9:18	51
			90.99	9:20	200' W-51
1		91.67	91.55	10:26	1
2		91.59	91.49	10:36	2
3		91.60	91.54	10:41	3
4		91.62	91.59	10:49	4
5		91.66	91.65	11:00	5
1		91.67	91.50	11:20	1
	A B E M DEGREE	COMP DEGREE	DEGREE	ASKANIA	
1	11-55.919 ~~920~~ ~~.917~~	~~N:53~~	91.50	11:54	1
2	~~.916~~	~~12:01~~	91.49	12:02	2
1	~~.916~~	12:08	91.50	12:10	1

	A B	E M		A S K A N I A		
BASE STATION	DEGREE	TIME	COMP. DEGREE	DEGREE	TIME	BASE STATION
21	919.4	2:17	92.06	91.89	2:14	21
	920.9	2:18	4	3½		
22	923.2	2:27	92.10	91.92½	2:24	22
	922.5	2:28	90	89½		
23	899.0	2:38	91.20	91.03	2:35	23
	903.2	2:41	11	11		
24	899.9	2:51	91.09	90.92	2:48	24
	897.0	2:52				

26 APR 66

	ABEM			ASKANIA		
BASE STATION	DEGREE	TIME	COMP DEGREE	DEGREE	TIME	BASE STATION
21	920.3	3:13	92.06	91.93 +4	3:10	21
	922.5	3:14	91.99			
24	896.8	3:52	91.09	90.96	3:48	24
	899.3	3:53				
49	868.9	4:13	89.96	89.83	4:10	49
	873.3	4:16				
24	896.0	4:35		90.96	4:32	24
	899.2	4:36				

91.89
91.93
4

2.3
4
9.2

TELEPHONE
743-6784

NEWMONT EXPLORATION LIMITED
44 BRIAR RIDGE ROAD
DANBURY, CONNECTICUT 06811

GEOPHYSICAL DEPARTMENT

April 6, 1966

Mr. Walter E. Heinrichs, Jr.
Heinrichs Geoexploration Company
806 West Grant Road
P. O. Box 5671
Tucson, Arizona 85703

Dear Walt:

I have your letter of April 2, 1966, re the magnetometer project in the Casa Grande area of Arizona, which appears to be in order. I think we should restrict our control to ± 10 gamma, which should be readily possible.

Your last statement of standard charges to us, July 1, 1964, quoted $125 per day for a two-man crew, including one gravity operator. I presume rates have been changed in the interim and I would appreciate it if you would keep us up to date on rate schedule changes.

I ask you therefore to confirm the rate of $150 per day quoted and to send us a copy of your latest rate changes.

Sincerely yours,

Arthur A. Brant

AAB/lu

cc: R. B. Fulton
R. Radabaugh

THE NEW JERSEY ZINC COMPANY
PIMA PLAZA BUILDING
2030 E. BROADWAY
TUCSON, ARIZONA 85719

2030 East Broadway
Tucson, Arizona
March 30, 1966

The following equipment has been received from the New Jersey Zinc Company for use in connection with a magnetometer survey to be made as directed on the Papago Indian Reservation:

1 Askania Magnetometer No. GFZ 641162 complete with carrying case and tools
1 Tripod for above magnetometer
1 Instruction manual

HEINRICHS GEOEXPLORATION COMPANY

By: J. L. McLaughlin Jr.

Rough only for file.

Dr. Brant,

Below is ~~shown~~ a breakdown of work accomplished in the field. Because of the extreme amount of brush in many parts of the area it was felt necessary to put in a maximum number of survey control points & magnetic base stations in order that survey control & magnetic values might be kept within the desired limits of accuracy. Essentially three N-S baselines were run with control & magnetic base stations. These lines were placed as follows:

The west baseline was run along the western edge of sections 22, 27 & continuing up through the middle of section 15. The midde baseline was run from the common corner of 23, 24, 25, 26 south for 1 3/4 miles & north 6 1/4 miles. At the common corner of 13, 14, 23, 24 the baseline was shifted west 1/4 mile to take advantage of the more favorable terrain & lesser magnetic gradients expected in the covered areas. The eastern baseline was run north from the common 1/4 corner between sections 19, & 30 for 1/2 mile & south 1/4 mile. In addition several base stations were placed at ~~known~~ convenient bench marks and road intersections. These stations were then ~~have~~ all ~~been~~ tied together. ~~to obtain the relative~~

J.P.M.	31 thursday	recon of area		
JPM, P.B, RP.	1 friday	control	1 - 8	= 8 stations
P.B. RP.	4 monday	control	9, 44 - 48	= 6 stations
JPM, PB, RP.	5 tuesday	mag	1 - 9	= 9 stations
P.B. RP.	6 wednesday	control	10 - 17	= 8 stations
JPM, P.B. RP	7 thursday	control	17 - 25	= 9 stations
JPM, P.B, RP.	8 friday	"	26 - 35	= 9 "
JPM, P.B., RP.	11 monday	"	35-43 & 50-53	= 13 stations
PB. RP.	12 tuesday	mag	13, 44 - 49, 24-27	= 11 stations
PB RP.	13 wednesday	"	20-23 & 28-43	= 20 stations
PB. RP.	14 thursday	"	10 -19 & 50 -57	= 18 stations
PB. RP.	15 friday	"	line 11 south 1 mile line 10 south 1 mile	} 57 stations
	16 Sat			

~~Total base stations located~~ &
Total # control & mag base stations
established 57.
Total magnetic coverage obtained 2 miles.

JPM

April 2, 1966

Newmont Exploration Ltd.
Attn: Arthur A. Brant
R. R. #1 Briar Ridge Road
Danbury, Conn. 06811

Re: Hand Magnetometer Project
Casa Grande District, Arizona

Dear Arthur:

This will confirm our conversations last week regarding some 50 or 60 miles of hand magnetometer coverage in the above area.

Our standard service charge of $150.00 per field operating day for a minimum two man crew including one qualified magnetometer operator plus expenses.

Profile and contour plotting and other data compilation not handled in the field will be at our standard rate of $100.00 per Tucson staff day plus expenses.

It is understood that you want careful diurnal control, lines spaced one quarter mile apart and stations along the lines 200 ft. apart. As per copy of U.S.G.S. topog sheet showing area to be covered which was picked up this week by our Phil Matthews. It is also understood that your objective is plus or minus ten to fifteen gammas control.

According to the coverage indicated on the map furnished, the original estimate of 1500 to 1600 stations appears just a little low. We estimate approximately something in the neighborhood of 2400 stations. Naturally this will extend the time required to complete the field work a little beyond the original estimate of three weeks. However, we still think we can get it done quite expeditiously and as indicated, work did get started this week and will be carried through continuously until concluded. Some land net control has already been identified and established.

Berryman & Pierce

Newmont Exp.

Boots & Saddles

Motel

TE 68249

room 17

Casa Grande

One reproducible plus four copies of the data when completed will be submitted as requested.

Warmest regards and my best wishes to the rest of the Danbury bunch.

Faithfully,

HEINRICHS GEOEXPLORATION COMPANY

Walter E. Heinrichs, Jr.

WEH:j
cc: Extra Encl.

April 2, 1966

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Our standard service charge of $150.00 per field operating day for a minimum two man crew including one qualified magnetometer operator plus expenses.

Profile and contour plotting and other data compilation not handled in the field will be at our standard rate of $100.00 per Tucson staff day plus expenses.

It is understood that you want careful diurnal control, lines spaced one quarter mile apart and stations along the lines 200 ft. apart. As per copy of U.S.G.S. topog sheet showing area to be covered which was picked up this week by our Phil Matthews. It is also understood that your objective is plus or minus ten to fifteen gammas control.

According to the coverage indicated on the map furnished, the original estimate of 1500 to 1600 stations appears just a little low. We estimate approximately something in the neighborhood of 2400 stations. Naturally this will extend the time required to complete the field work a little beyond the original estimate of three weeks. However, we still think we can get it done quite expeditiously and as indicated, work did get started this week and will be carried through continuously until concluded. Some land net control has already been identified and established.

COPY

One reproducible plus four copies of the data when completed will be submitted as requested.

Warmest regards and my best wishes to the rest of the Danbury bunch.

Faithfully,

HEINRICHS GEOEXPLORATION COMPANY

Walter E. Heinrichs, Jr.

WEH:j
cc: Extra Encl.

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SILVER REEF MTS. QUADRANGLE
ARIZONA
15 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by planetable surveys 1939–1940. Revised 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 12, shown in blue

Where omitted, land lines have not been established

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500

CONTOUR INTERVAL 25 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt

ARIZONA
QUADRANGLE LOCATION

Newmont File

SILVER REEF MTS., ARIZ.
N3230—W11145/15

1963

AMS 3649 III—SERIES V798

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1965