

T35N - R3E

BK 1

BK1

USFS 3509

ENTERPRISE

ORIGINAL SURVEY

By Sil. Nowlin Oct 5 To Nov 3
1864

SURVEY By County SURVEYOR

Book 1 page 53 for Index.

SURVEYS by V. M. Maine, ~~County Surveyor~~

County Surveyor - 1935, 1936, 1937 and 1938

Monuments described as

Official Iron pipe, brass cap stamped

V

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20 Angles for Line East from
SW. Cor. sec. 22

26 Location of $S\frac{1}{4}$

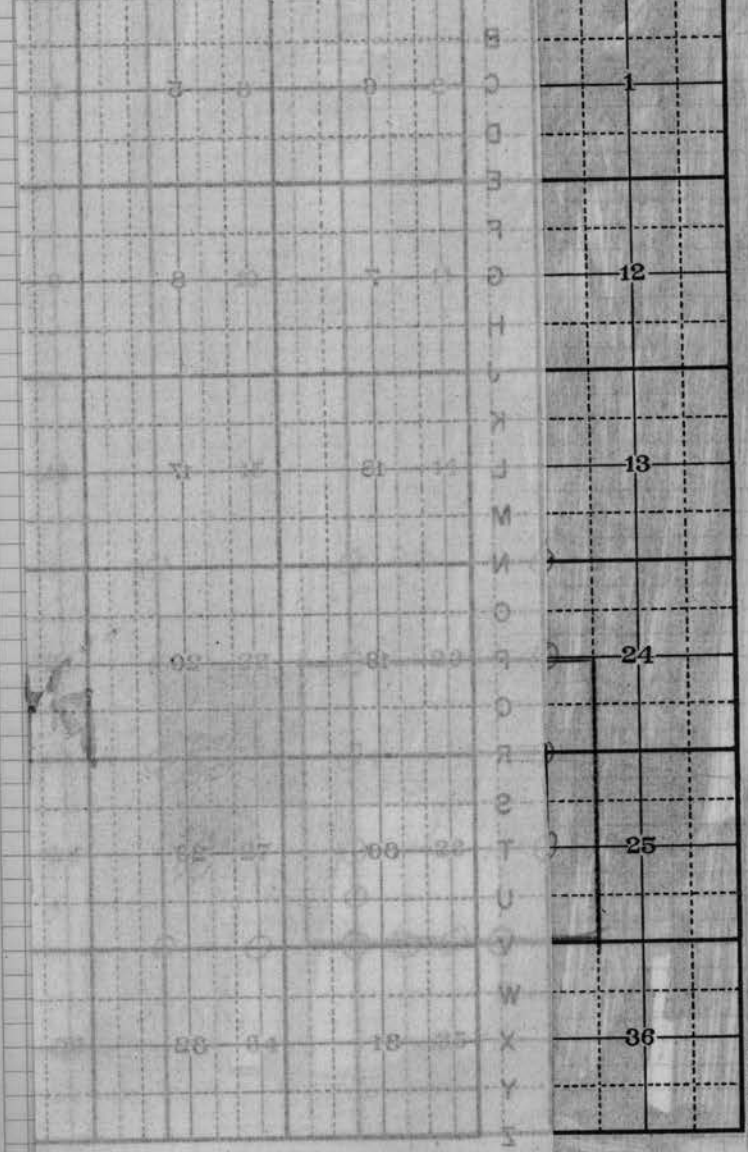
27 Location of $E\frac{1}{4}$ bot sec 22 & 27

30 Chainage for line East from SW cor sec 22

53 Chainage for line East from $W\frac{1}{4}$ sec 27

70 angles for line East from $W\frac{1}{4}$ sec 27

30 70 Mer. 21 22 23 24 25



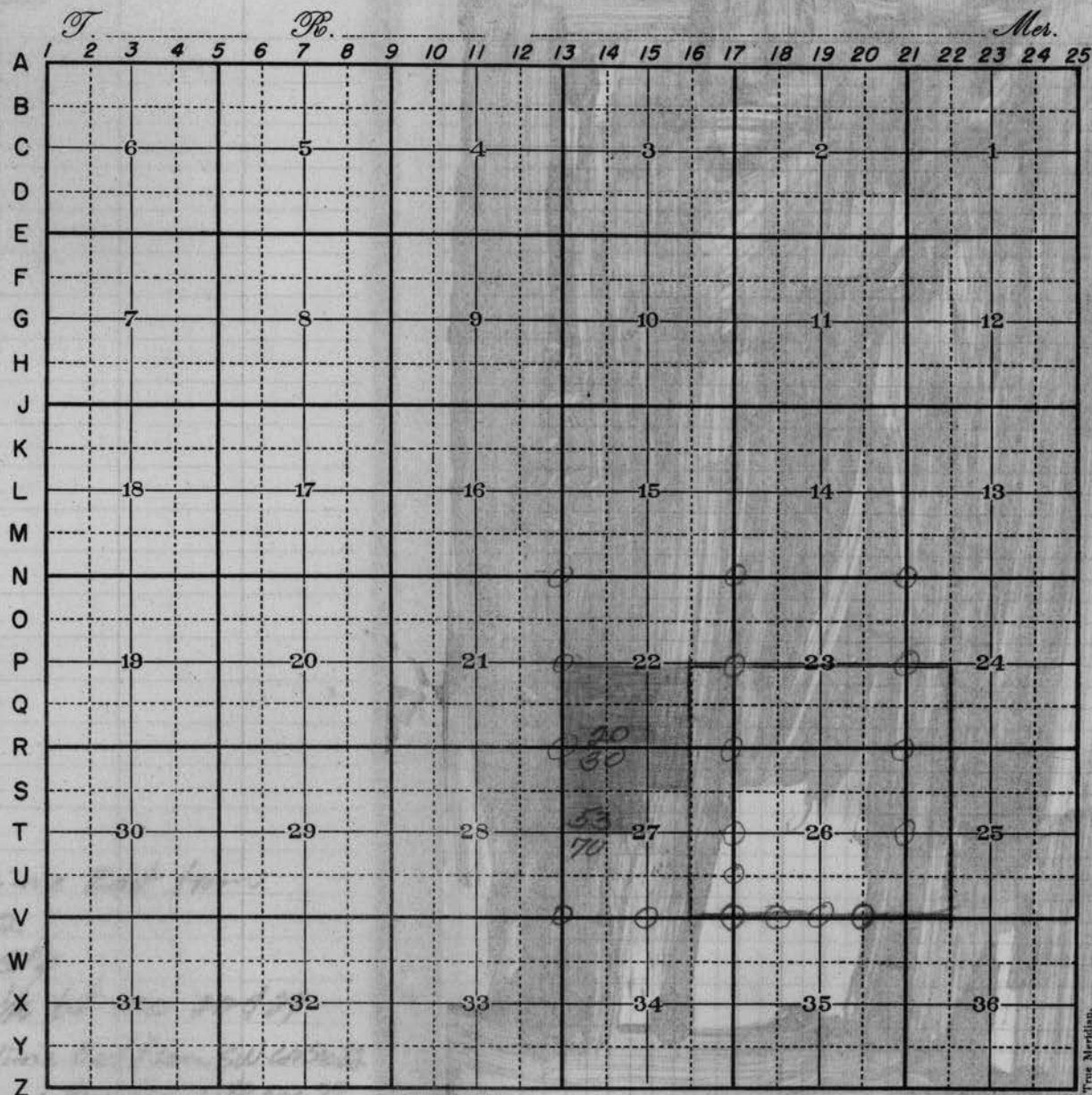
Scale - One inch = 1 mile.

True Meridian.

V

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20	angles for Sw. Cor. sec. 2
26	Location of
27	Location of E
30	chainage for
53	chainage for 1
70	angles for line East from W 1/4 sec. 27



SCALE.—One inch = 1 mile.

True Meridian

20

V-20 E-1/6 between sec 26 & 35

Oct. 24, 1969

Resnick
Yonker

found; 1. County Monument described
in records as official iron pipe
and brass cap.

pipe is $2\frac{1}{2}$ " outside diam with
 $2\frac{1}{2}$ " diam brass cap
cap is stamped $\frac{1}{8}$

3

N-17 Sec. Cor. bet. sec. 14, 15, 22 & 23

6x6 conc. Monument by Hall, in 1932
 found Broken off. bottom of Mon.
 in place top lying by base.

Oct. 24, 1969

Reavick
yanked.

H.C. Hall's B.t's

W. pine 9, S40E, 448 ch = 29.6 ft
 W. pine 9, N74E, 191 ch = 12.6 ft
 pine stump 24, N30E, 827 ch = 54.6 ft.

original B.t's

Pine 18, N72E, 15 1/2
 Birch 15, N45E, 36 1/2

4

(V-13) Sec. Cor. Bet. Sec. 27, 28, 33 & 34

Oneida County Pipe & Brass cap
in open swamp. Stamped to
identify corner found. Scribed
post along side of pipe.

Oct. 24, 1969

Resnick
Yonkers

5

V-17 sec. cov bet. Sec. 26, 27, 34 & 35

Omeida County brass cap
screw on stump pipe, $2\frac{1}{2}$ " out side
diam. stamped to identify corner
W.P. 20 Stp. N5E, 89 $\frac{1}{2}$ 1K3
Sft made 19 556 E 1.26 chains.

Oct 24, 1969

Resnick
Yam Key

6

V-18 West 1/4 bet. sec. 26 & 35

Found official County pipe
with brass stamped 1/8

Red pine 21" diam, scribed
beats 55 1/2° W, 60 1/2' 1KS.

Oct 27, 1969

Resnick
van Kester
Cochrane

7/

(V-15) 1/4 bet sec. 27 & 34

Official County Brass cap

spruce , N86E, 13 Fallen, scribed

spruce , N82E, 10 fallen, scribed

spruce , S65W, 43 Fallen, scribed

Oct. 27, 1969

Resnick
Cochrane
Yonker

8

U-17 S $\frac{1}{2}$ bet. Sec. 26 & 27

HX4 scribe cedar post
in Maund of Rock.

post rotted off, point of post
found below, Reset top of post
in hole.

Oct 27, 1969

Revised
Cochran
Yorker

blazed and scribed the following B.T's
to protect this location

Maple 6" S81°W, 43 1/2.
Maple 5" N33°E, 40 1/2.

9

T-17 1/4 corner bet. Sec. 26 & 27

Official County pipe and Brass cap

Liquidem stump SHW, 20 1/2 lbs

Sugar stump NGCE 10 lbs

Oct 27, 1969

Resnick
Cochrane
yanked

8.53 chains west to Road.

10

R-17 Sec. cor. Bot. Sec. 22, 23, 26, 27

Iron pipe brass cap Orinda County

W. pine stump 10" N45E, 1.23 chains
scribed.

Boulder Grey 36", Triangular with
peak, 58°W 58 Ns.

(3 cleared sides pointed.)

Oct 28, 1969

Resnick
Cochrane
yanked

11/

P-13

1/4 cor. but. Sec. 21 §22

offical county Monument
Iron pipe and Brass cap

original B.T. stumps

Cedar Cedar

12 10

S49W N49E

08 12 KS

Cedar ^{11"} ~~X~~, S28W, 27 KS

Cedar stump 16, N 9W, 23 1/4

Oct. 28, 1969

Resnick
Cochrane
Yorker

12

P-17 1/4 cor. bet. sec. 22 & 23

County official Monument
Brass cap stamped to
identify corner

Cedar 11, North 53 1/4
Cedar 13, 564 E 44 3/4 1/4

Oct. 28, 1969

Reswick
Cochrane
Yorked

R-13 sec. cor bet. sec. 21, 22, & 27 & 28

County official monument
with Brass cap.

Grey boulder with cross East 03 1/2 S.

East on lake shore found iron
pipe in mound of rock with
flag pole by its side M.C.

14/

N-13 Sec. cor. bet sec. 15, 16, 21 & 22

oneida county official
Monument with brass cap

8x6 scribed post, 4x4 scribed post
and point of 4x4 post. all
along side Monument.

Cedar 9", bears N20°W, 31 1/2 lbs.

Oct 30, 1969

Respect
Cochrane
Yorker

15

v-19

1/4 cor. bet. Sec 26 & 35

offical county monument
with screws on type cap.

10/16

T-21

1/4 cor. bet. sec. 25 & 26

Official monument with
brass cap.

Oct. 30, 1969

Resnick
Cochrane
Yorker

(R-21) Sec. Con. bet. Sec. 23, 24, 25 & 26

official county Monument
with brass cap.

Spruce 4", S16E, 40 1/2 Ks

Tam. 3", S23W, 23 1/4 Ks

Tam. fallen scribed S70'W, 7 Ks.

14

N-21 sec cov. bet. Sec. 13, 14, 23 & 24

H.C. Hall's G.C. Conc. Monument
with brass caps marked
to identify corners

Cedar stub

9"

S44E

50.4 Ks

Cedar stub

9"

N87W

51.8 Ks

19

(p-21) 1/4 cor. bet. Sec. 23 & 24

Tamm

7"

S38W

12 IKs.

Tamm

10

N78E

18 IKs.

Found

Tamarack fallen

scribed when 7" diam.

Blazed and scribed the following
new Bts.

spruce

7"

N13W

1.90

spruce

7"

N61W

31.24

set 2 inch inside diam
galvanized iron pipe 5 ft. long
with brass cap MKd.

T35N R9E

1/4

S23 | S24

1969

S-802

Nov. 3, 1969

30 Line East From SW cor. Sec. 22 to SE cor. Sec. 22

Sta. occ	Sta. sighted	1st r	3rd r	Mean r
2	1	0-0		
	3	137-38.4	52-54.6	137-38.2 ✓
3	2	0-0		
	4	216-02.1	288-06.0	216°-02.0 ✓
4	3	0-0		
	5	120° 51.0	02° 32.5	120° 50.8 ✓
5	4	0-0		
	6	128-41.9	26-05.9	128° 42.0 ✓
6	5	0-0		
	7	208°-42.0	266-03.2	208° 41.7
6	5	0-0		
	7	208-41.9	266-03.5	
6	5	0-0		
	7	208-41.3	266-03.6	208-41.2 ✓

21/22 to 24/23
38/37 to 37/26

Nov. 13, 1949

Temp 25°

Sta 1 = SW section cor. of Sec. 22

53.7 38.2
3141.2 54.6
114.6

Sta 2 = Iron pipe on west shore of lake in Mound of Rock

See page 30 for chainage

179° 41.6

21/ Line East from 21/22 Cont.
28/27

Sta. Occ.	Sta. sighted	1st r	3rd r	Mean
7	6	0-0		
	8	251-54.8	35-42.6	251-54.2 ✓
8	7	0-0		
	9	210-12.6	270-37.3	210-12.4 ✓
9	8	0-0		
	10	178-26.8	175° 20	178 ^{° 26.7} _{26.7} ✓
10	9	0-0		
	11	165-48.9	137-26.8	165-48.9 ✓
11	10	0-0		
	12	225° 55.0	317-44.4	225° 54.6 ✓

Nov. 13, 1969

Temp 25°

Nov. 17, 1969

sta occ. sta sighted 1st v 3rd v Mean

~~12~~

12 11 00
13 197°42.0 233°05.3 197°41.8 ✓

~~13 12 0-0
14 202-04.6 246-16.2~~

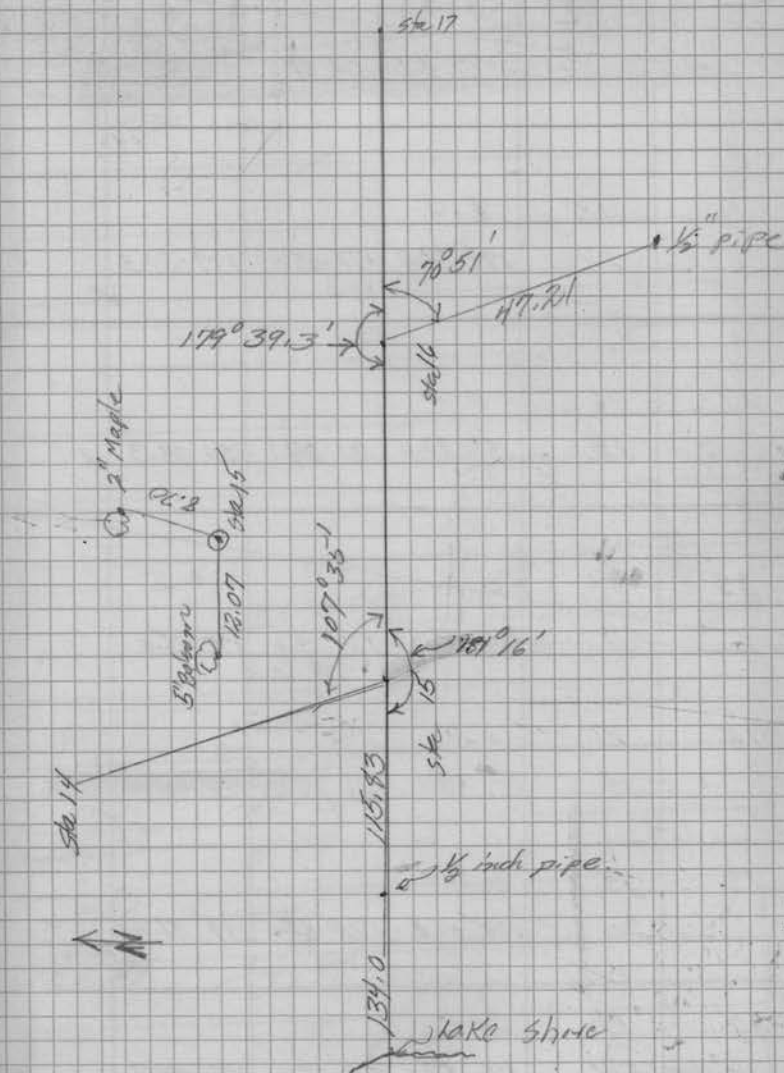
13 12 0-0
14 202-05.3 246-15.7 202-05.2 ✓

14 13 0-0
15 166-43.8 140-11.4 166-43.8 ✓

15 14 0 0
16 107-35.1 322-45.0 107-35.0 ✓
165

~~16 15 0-0
17 179-39.6 178-58.0 179-39.3~~

Nov 17, 1969



23 Line East from $\frac{21}{98.97}$ to $\frac{23}{27.96}$

sta occ sta sighted 1st r 3rd r Mean

~~16 15 0-0
17 179° 40.2 178-59.6~~

16 15 0-0
17 179-39.4 178-58.0 179-39.3 ✓

17 16 0-0
18 180-23.5 181 09.1 180-23.3 ✓

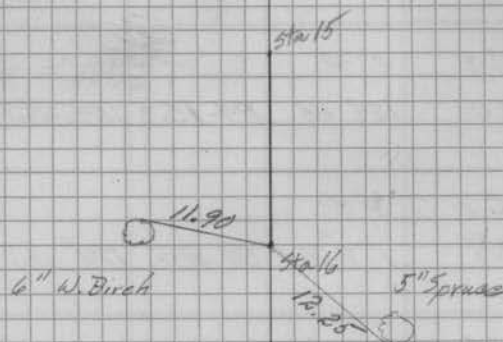
~~18 17 0-0
19 179-45.5 179° 15.1 179 45.0~~

18 17 0-0
19 179 45.0 179° 15.0 179-45.0 ✓

19 18 0-0
20 179° 37.0 178 52.0 179° 37.3 ✓

20 19 0-0
21 176 87.0 170 50.1 176 36.7 ✓

Nov 17, 1969



Nov. 18, 1969

224

sta. occ	sta. sighted	1st V	3rd V	Mean V	
29	28	0-0			
	30	184-45	194-45.3	184-45.1	✓
28	27	0-0			
	29	178-20.0	175-20.5	178-20.1	✓
27	26	0-0			
	28	184-13.8	192-41.2	184-13.7	✓
26	25	0-0			
	27	214-48.9	224-26.9	214-49.0	✓
25	24	0-0			
	26	145-23.9	76-17.8	215-21.2	
25	24	0-0			
	26	145-24.3	76-13.5	145-24.5	✓
24	23	0-0			
	25	177-48.5	173-24.0	177-48.1	
24	23	0-0			
	25	179-48.0	173-24.0	177-48.0	✓

Nov 19, 1969
 Team 30° Snow

sta 30 = $\frac{2123}{27.26}$

25

sta occ.	sta sighted	1st v	3rd v	Mean
----------	-------------	-------	-------	------

23	22	0-0		
	24	180-49.8	162 28.9	180-49.6

27	21	0-0		
	23	179-10.1	179-10.2	179-10.1

31	20	0-0		
	27	182-57.2	182 52.1	

41	20	0-0		
	22	182-36.8	182 50.2	182-36.7

Nov. 19, 1969
Temp 20° snow

26 Location of S $\frac{1}{4}$ cor. Sec. 22

Sta occ. Sta sighted 1st v 3rd v Mean
Sta from Sta to slope Dist vert v Hor. v Dist.

16 15 0-0
 $\frac{1}{4}$ cor. 121-01.3 03-05.8 121°01.6

16 $\frac{1}{4}$ cor. 100.00 0% 100.00
24.43 0% 24.43

124.43
-03

121.40

~~$\frac{1}{4}$ cor 16 60.50 0%
63.77 0%

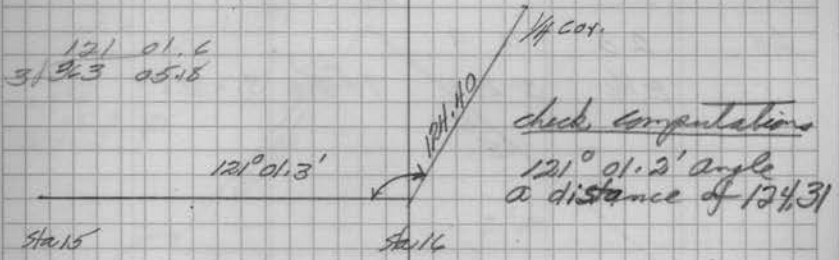
124.27~~

$\frac{1}{4}$ 16 100.00 0% 100.00
24.44 0% 24.44

124.44
03

124.41

Dec. 11, 1969
Temp. 25°



Set 6 inch diam. Concrete Monument 36 inch long with Brass cap stamped

T 35N R9E
522
4 527
1969
5-802

Balsam
9"
N 1°W N 2°W
27.63 ft.

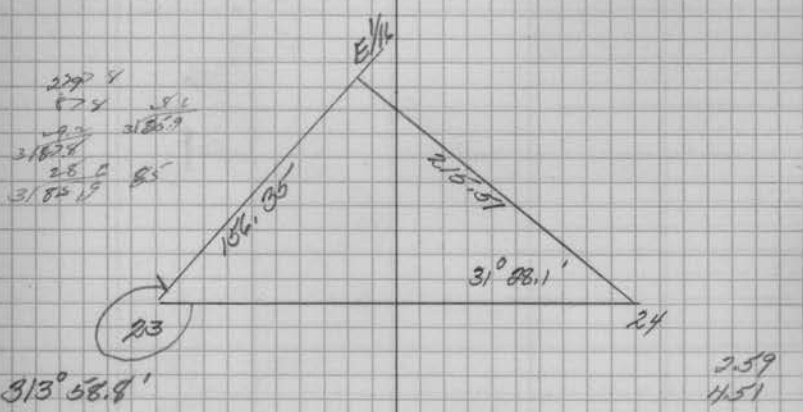
Maple
9"
559°W
24.10

Needle stuck

23 Location of East 1/4 bet. Sec. 22 & 27

Sta. occ	Sta. sighted	1st V slope Dist	3rd V Dist	Mean Horiz Dist
24	23	0 0		
24	E 1/4	31-28.1	94- 28.8 ^{25.9}	31-28.6
24	E 1/4 ²² / ₂₇	100.00	90	100.00
		100.00	90	100.00
		15.55		15.55
	<u>MEAN</u>	<u>215.48</u>		<u>215.55</u>
				<u>-0.06</u> TEMP
				<u>215.49</u>
E 1/4 ²² / ₂₇	24	100.00	90	100.00
		100.50	90	100.50
		15.04	90	15.04
				<u>215.54</u>
	<u>MEAN</u>	<u>215.48</u>		<u>-0.06</u> TEMP
				<u>215.48</u>

Dec 4, 1969



Set 2 inch inside diam. galvanized wrought iron pipe, 5 foot long filled with concrete with brass cap marked

T35N R9E

E 1/4 ²²/₂₇

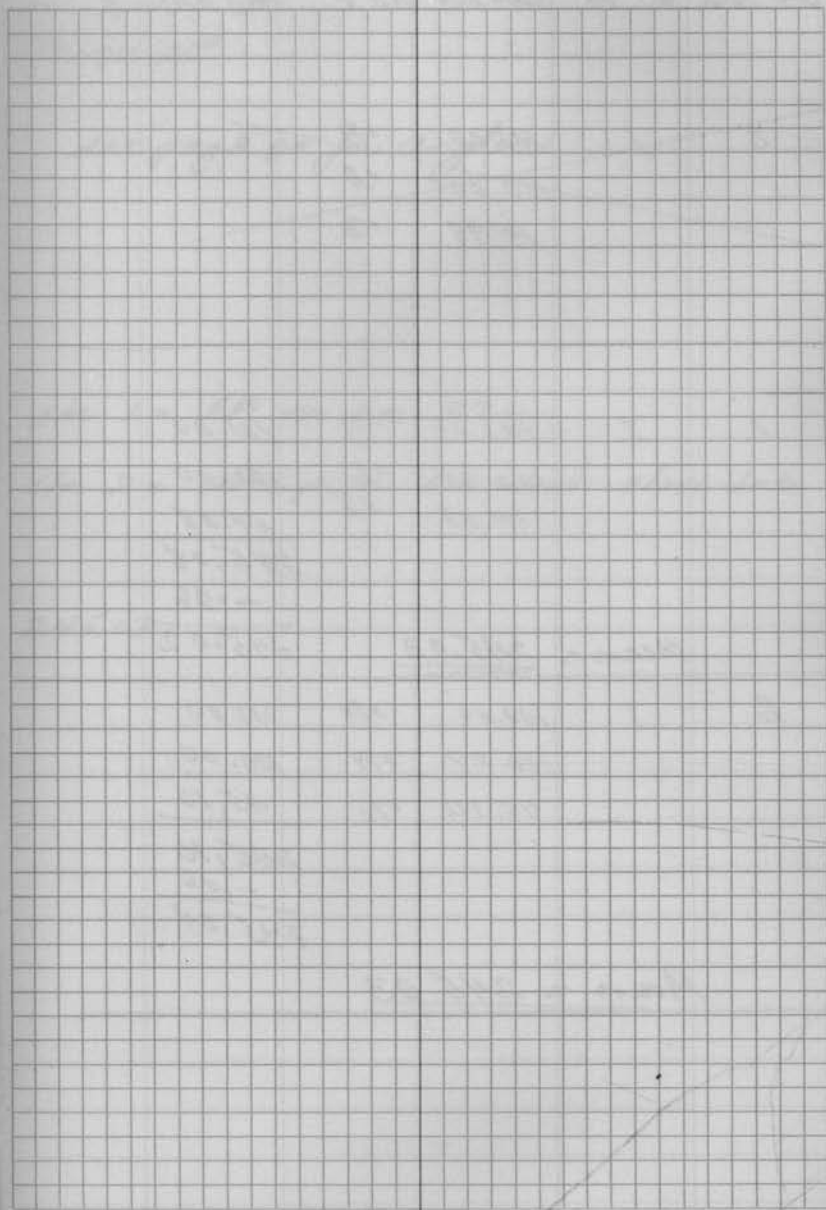
1969
S-502

Black spruce
5"

N 60° W
18.15 Ft

Tamarack
3"

S 36° W
22.02 Ft.



30 Line East from SW cor. sec. 22 to SE cor. sec. 22.

Sta From Sta to Slope Dist Vert $\%$ Horiz Dist.

2	1	100.00	0%	100.00
		100.00	0%	100.00
		44.98	0%	

1	2	101.00	0%	101.00
		100.00	0%	100.00
		44.08	0%	44.08
				<u>245.08</u>
				-0.06
				<u>245.02</u>
		Mean =		<u>245.03</u>

2	1	100.00	0%	100.00
		100.00	0%	100.00
		45.10	0%	45.10
				<u>245.10</u>
				-0.06
				<u>245.04</u>
		Mean =		<u>245.03</u>

Nov 13, 1969

Temp 25^d

see page 20 for angles

Sta 1 = SW cor sec 22

Sta 2 = iron pipe on west shore lake

245.03

Sta From	Sta to	Slope Dist	Vert %	Horiz Dist
2	3	100.00	0%	100.00
		100.00	0%	100.00
		66.67	0%	66.67
				<u>266.67</u>
			-0.07	
		Mean = <u>266.60</u>		266.60
3	2	100.00	-9%	100.00
		100.00	0%	100.00
		66.67	9%	66.67
				<u>266.67</u>
			-0.07	
		Mean = <u>266.60</u>		266.60
3	4	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		1.68	0%	1.68
			<u>301.68</u>	
			-0.08	
		Mean = <u>301.60</u>		301.60
4	3	101.00	0%	101.00
		101.00	0%	101.00
		99.68	0%	99.68
				<u>301.68</u>
			-0.08	
		Mean = <u>301.60</u>		301.60

Nov. 13, 1969

Temp 25°

266.60

301.60

Sta. From	Sta. to	Slope Dist	Vert. V	horiz. Dist
-----------	---------	------------	---------	-------------

4	5	100.00	0%	100.00
		90.28	0%	90.28
				<u>190.28</u>
				- .05

		Mean = <u>190.21</u>		190.23
--	--	----------------------	--	--------

5	4	100.00	0%	100.00
		90.24	7%	90.24
				<u>190.24</u>
				- .05

		Mean = <u>190.21</u>		190.19
--	--	----------------------	--	--------

5	6	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	4%	99.92
		100.00	6%	99.82
		53.71	0%	53.71

				<u>553.45</u>
				- .15
				553.30

		Mean = <u>553.27</u>		
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Nov. 13, 1969

Temp 25°

190.21

553.27

Sta. From	Sta. to	Slope Dist	Vert r	Horiz Dist
4	5	100.00	5%	99.87
		100.00	6%	99.82
		100.00	7%	100.00
		100.00	8%	100.00
		100.00	9%	100.00
		53.71	00%	53.71
			553.40	
			- .15	
			<u>553.25</u>	
		Mean = <u>553.27</u>		
6	7	100.00	87° 49'	99.07
		100.00	0%	100.00
		16.83	0.70	16.83
				215.90
			- .06	
			<u>215.84</u>	
		Mean = <u>215.82</u>		
7	6	100.00	0%	100.00
		20.00	0%	50.00
		96.68	7° 30'	95.85
			215.85	
			- .06	
			<u>215.79</u>	
		Mean = <u>215.82</u>		

Nov. 13, 1969

Temp 25°

215.82

Sta. From sta. to slope Dist Vert r Horiz Dist.

Sta. From	Sta. to	slope	Dist	Vert r	Horiz Dist.
7	8	100.00	0%	100.00	
		100.00	1%	100.00	
		100.00	7%	99.75	
		100.00	0%	100.00	
		29.74	0%	29.74	
				429.49	
				- .12	
Mean = <u>429.33</u>				429.37	

Sta. From	Sta. to	slope	Dist	Vert r	Horiz Dist.
6	7	100.00	0%	100.00	
		100.00	1%	99.92	
		100.00	0%	100.00	
		100.00	3%	99.96	
		29.54	0%	29.54	
				429.41	
				- .12	
Mean = <u>429.33</u>				429.29	

Nov. 13, 1969

Temp 25°

429.33

Sta. From	Sta. to	Slope Dist	Vert V	Horiz Dist
9	8	100.00	8° 48'	98.82
		100.00	0%	100.00
		100.00	0%	100.00
		65.00	14° 23' 75° 37'	62.96
		91.05	0%	91.05
				452.83
				-.07 Temp
				452.76
				Mean = <u>452.72</u>

8	9	100.00	3%	99.95
		84.25	10° 09' 79° 51'	82.93
		100.00	0%	100.00
		71.37	11° 46' 101° 46'	69.87
		100.00	0%	100.00
				452.75
				-.07 Temp
				452.66
				Mean = <u>452.72</u>

9	10	100.00	8° 24'	98.92
		37.67	0%	37.67
				136.59
				-.02 Temp
				136.57
				Mean = <u>136.59</u>

Nov. 17, 1969
Temp 45°

Sta From	Sta to	Slope Dist	Vert %	Horiz Dist	
10	9	50.00	0%	50.00	
		57.85	9°32'	86.64	
				136.64	
				-0.02	Temp
				136.62	
		Mean = 136.57			
10	11	100.00	0%	100.00	
		100.00	0%	100.00	
		100.00	0%	100.00	
		100.00	1%	99.92	
		52.67	0%	52.67	
				452.59	
		-0.06	Temp		
		452.53			
		Mean = 452.49			
11	10	100.00	4°18'	99.72	
		100.00	3%	99.95	
		100.00	0%	100.00	
		100.00	0%	100.00	
		52.85	0%	52.85	
				452.52	
		-0.06	Temp		
		452.46			
		Mean = 452.49			

Nov. 17, 1969
Temp 45°

Wanker
Cachuma

Sta. From	Sta. to	Slope Dist	cut v	Horiz Dist	
11	12	100.00	0%	100.00	
		56.94	0%	56.94	
				156.94	
		Mean = 156.92		- .02	Temp
				156.92	

~~12 11 99.50 0%~~
~~57.40 0%~~

~~11 12 100.00 0%~~
~~56.93 0%~~

12	11	100.00	0%	100.00	
		56.95	0%	56.95	
				156.95	
				- .02	Temp
				156.93	

Mean = 156.92

Nov. 17, 1969

Temp 45°

sta from	sta to	slope Dist	int r	Horiz Dist	
12	13	100.00	3%	99.95	
		100.00	0%	100.00	
		97.10	0%	97.10	
				297.05	
				- .04	TEMP
MEAN	296.98			297.01	

13	12	100.00	1%	99.99	
		100.00	0%	100.00	
		97.06	3%	97.01	
				297.00	
				- .04	TEMP
MEAN	296.98			296.96	

13	14	100.00	0%	100.00	
		100.00	0%	100.00	
		100.00	0%	100.00	
		77.05	0%	77.05	
				377.05	
				- .05	TEMP
MEAN	377.00			377.00	

14	13	100.00	0%	100.00	
		100.00	0%	100.00	
		100.00	0%	100.00	
		77.05	0%	77.05	
				377.05	
				- .05	TEMP
MEAN	377.00			377.00	

Nov 17, 1969

Temp 45.9

Sta From	Sta to	Slope Dist	Dist %	Orig Dist
14	15	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		54.57	0%	54.57
				354.57
				- .05 TEMP
MEAN	354.50			354.52

15	14	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		54.64	0%	54.64

14	15	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		54.54	0%	54.54
				354.54
				- .5 TEMP
MEAN	354.50			354.49

Nov. 17, 1969

Temp 45°

Sta From	Sta. to	slope Dist	vert %	Horiz Dist	
15	16	100.00	0%	100.00	
		100.00	0%	100.00	
		50.10	0%	50.10	
				250.10	
				-.04	TEMP
MEAN	250.09			250.06	
16	15	100.00	3%	99.95	
		100.00	0%	100.00	
		50.20	0%	50.20	
				250.15	
				-.04	TEMP
MEAN	250.09			250.11	
17	16	100.00	4%	99.12	
		72.96	0%	72.96	
				172.96	
				-.02	TEMP
MEAN	172.94			172.94	
17	16	75.00	0%	75.00	
		97.95	0%	97.95	
				172.95	
				-.02	TEMP
MEAN	172.94			172.93	

Nov. 17, 1968

Temp. 45°

Nov. 18, 1969

Temp 39°

Sta. From	Sta. to	Slope Dist.	Vert. \angle	Horiz. Dist.
17	18	100.00	0%	
		100.00	0%	
		63.30	0%	
18	17	100.00	0%	100.00
		100.00	0%	100.00
		64.30	0%	64.30
				264.30
MEAN	264.21			- .06 TEMP
				264.24
17	18	101.00	0%	101.00
		100.00	0%	100.00
		63.24	0%	63.24
				264.24
				- .06 TEMP
MEAN	264.21			264.18
18	19	100.00	3°58'	99.76
		115.78	3°58'	45.67
				145.43
				- .03 TEMP
MEAN	145.38			145.40

Nov. 15, 1969

Temp 32°

Sta From	Sta. to	Slope Dist	Vert %	Horiz. Dist.
19	18	100.00	3° 58'	99.76
		45.63	0%	45.63
				145.39
				-.03 TEMP
MEAN	145.38			145.36
19	20	100.00	3° 33'	99.80
		100.00	0%	100.00
		100.00	0%	100.00
		83.79	0%	83.79
				383.59
				-.09 TEMP
MEAN	383.50			383.50
20	19	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		83.58	0%	83.58
				383.58
				-.09 TEMP
MEAN	383.50			383.49
20	21	54.97	11° 40'	53.83
			78° 20'	53.83
				-1.00
MEAN	53.83			53.83

Nov. 16, 1969

Temp 32°

Sta From	Sta to	slope Dist	vert Dist	Horiz Dist	
21	20	55.09	$13^{\circ}15'$ $77^{\circ}45'$	53.83	
				- .00	TEMP
MEAN	53.83			53.83	
21	22	100.00	$0^{\circ}70'$	100.00	
		100.00	$0^{\circ}70'$	100.00	
		38.30	$0^{\circ}70'$	38.30	
				238.30	
				- .05	TEMP
MEAN	238.21			238.25	
22	23	68.51	$70^{\circ}54'$ $82^{\circ}06'$	67.85	
				- .00	TEMP
				67.85	
MEAN	67.86				
23	22	68.56	$80^{\circ}12'$ $81^{\circ}48'$	67.86	
				- .00	TEMP
				67.86	
MEAN	67.86				

Nov. 18, 1969

Temp 30°

Nov. 19, 1969

Sta. 22 to 23

Temp 30°

Sta From	Sta to	slope Dist	vert %	Horiz Dist
23	24	100.00	0.70	100.00
		100.00	0.70	100.00
		92.45	0.70	92.45
				292.45
				- .07 TEMP
MEAN	292.39			292.38

24 25
page 48

25 24

Nov. 18, 1969

Temp 32°



hill top.

sta 23

sta 25 in Birch stump
top of Hill

Sta From	Sta to	slope Dist	vert %	Horiz Dist	
25	26	100.00	0%	100.00	
		100.00	0%	100.00	
		15.90	0%	15.90	
				215.90	
				-.05	TEMP
MEAN	215.85			215.85	

26	27	100.00	4%	99.92	
		100.00	0%	100.00	
		56.31	0%	56.31	
				256.23	
				-.06	TEMP
MEAN	256.16			256.17	

27	28	100.00	2%	99.98	
		100.00	0%	100.00	
		24.77	0%	24.77	
				224.75	
				-.05	TEMP
MEAN	224.70			224.70	

28	29	100.00	0%	100.00	
		100.00	1%	99.99	
		24.75	0%	24.75	
				224.74	
				-.05	TEMP.
MEAN	224.70			224.69	

Nov. 14, 1969

Temp 30°

116

Sta. From	Sta. to	slope Dist	width	Horiz Dist
27	26	100.00	0%	100.00
		100.00	0%	100.00
		56.21	0%	56.21
				256.21
				-.06 TEMP
MEAN		256.16		256.15
26	25	100.00	1%	99.92
		100.00	1%	100.00
		15.97	0%	15.97
				215.89
				-.05 TEMP
MEAN		215.85		215.84

Nov. 18, 1969

Temp 30°

Sta From	Sta to	slope Dist	vert. %	Horiz. Dist.
30	29	100.00	6°56'	99.26
		9.30	0%	9.30
				108.56
				-.03 TEMP
MEAN	108.53			108.53

29	30	100.00	8°24'	98.92
		9.63	0%	9.63
				108.55
				-.03 TEMP
MEAN	108.53			108.52

29	28	65.00	0%	65.00
		99.80	10°58'	97.97
		100.00	0%	100.00
		28.70	0%	28.70
				291.67
				-.09 TEMP
MEAN	291.60			291.58

28	29	100.00	4%	99.92
		28.81	0%	28.81
		100.00	10°58'	98.17
		64.82	0%	64.82
				291.72
				-.09 TEMP
MEAN	291.60			291.63

Nov. 19, 1969

Temp 20°

100
3558
63
21101
60

Sta From	Sta to	Slope Dist	Vert. V	Horiz. Dist
25	24	100.00	120 51'	97.80
		34.86	6%	34.74
				132.54
				-.03 TEMP
MEAN	132.54			132.51
24	25	100.00	11 22'	98.03
		34.59	78.38	34.59
			0%	132.62
				-.04 TEMP
MEAN	132.54			132.58
24	23	100.00	0%	100.00
		100.00	0%	100.00
		92.47	0%	92.47
				292.47
				-.07 TEMP
MEAN	292.39			292.40
22	21	100.00	0%	100.00
		101.00	3%	100.95
		37.30	0%	37.30
				238.25
				-.07 TEMP
				238.18
MEAN	238.21			

Nov. 19, 1969
Temp 20°

10 2
9 5
1 0

8 9 00
7 8 34
1 1 22

53

Line East from west 1/4 cor. of sec. 27 East to E 1/4 cor. sec. 27	sta from	sta to	slope Dist	Vert V	Ht. 13. Dist
	30	31	100.00	6° 14'	99.40
			100.00	0° 70	100.00
			100.00	0° 70	100.00
			100.00	0° 70	100.00
			21.62	0° 70	21.62
					421.02
					-.07 TEMP
					420.95

MEAN 420.95

31	32	100.00	0° 70	100.00
		100.00	0° 70	100.00
		100.00	0° 70	100.00
		35.00	0° 70	35.00
		86.64	6° 52'	86.02
				421.02
				-.07 TEMP
				420.95

MEAN 420.95

WEE

E 1/4 cor. sec. 27

Dec. 3, 1969

TEMP 40° 1 PM.

Resnick
Cochrane

Sta. 31 - is west 1/4 corner of sec. 27

see page 70 for angles.

Sta. 32. spike in E of drive to cabin.

54
Sta. From Sta. To slope Dist Vert Horiz. Dist

32 33 100.00 5'24" 99.55
100.00 0% 100.00
90.72 8% 90.43
289.98

- .05 TEMP

MEAN 289.86 289.93

33 32 100.00 7'9" 99.75
100.00 0% 100.00
90.61 9'02" 90.10
289.85

- .05 TEMP

MEAN 289.86 289.80

33 34 100.00 0% 100.00
100.00 0% 100.00
54.70 0% 54.70
254.70

- .05 TEMP

MEAN 254.66 254.65

Sta. From	Sta to	slope Dist	vert %	Horiz. Dist.	
34	35	100.00	0%	100.00	
		100.00	0%	100.00	
		91.18	0%	91.18	
				291.18	
				- .06	TEMP
Mean = 291.12				291.12	
35	36	100.00	0%	100.00	
		100.00	0%	100.00	
		100.00	3%	99.95	
		2.80	0%	2.80	
				302.75	
				- .06	TEMP
Mean = 302.70				302.69	
36	37	100.00	3%	99.95	
		48.21	0%	48.21	
				148.16	
				- .04	TEMP
				148.12	
Mean = 148.08					

Resnick
Cochrane

56

Sta. From	Sta. to	slope Dist	Vert. %	Horiz. Dist
37	38	100.00	3%	99.95
		100.00	0%	100.00
		27.64	0%	27.64
				227.59
				-1.06 TEMP
Mean = 227.54				227.53

38	37	100.00	0%	100.00
		100.00	0%	100.00
		27.61	0%	27.61
				227.61
				-1.06 TEMP
Mean = 227.54				227.55

37	36	100.00	5%	99.87
		148.21	0%	148.21
				148.08
				04 TEMP
Mean = 148.08				148.04

36	35	100.00	3%	99.95
		100.00	0%	100.00
		100.00	0%	100.00
		2.85	0%	2.85
Mean = 302.70				302.80
				302.71

Dec. 3, 1969

57

Station	Sta to	slope Dist	vert %	Horiz Dist	
35	34	100.00	0%	100.00	
		100.00	0%	100.00	
		91.20	0%	91.20	
				291.20	
				.09	TEMP
Mean = 291.12				291.11	

34	33	100.00	0%	100.00	
		100.00	0%	100.00	
		54.76	0%	54.76	
				254.76	
				-.08	TEMP
MEAN 254.66				254.68	

Dec. 3, 1969

Temp 15° 4 PM.

24.1
2
24.3

Sta from Sta to Slope Dist Vert Hori. Dist.

38	39	100.00	10° 12'	98.42
		46.20	79° 48'	45.13
			13° 21'	
			77° 39'	
				143.55
				-.03 TEMP
<u>MEAN</u>		<u>143.56</u>		143.52

39	38	31.00	0%	31.00
		100.00	11° 59'	97.82
		14.82	78° 01'	14.82
			0%	
				143.64
				-.03 TEMP
<u>MEAN</u>		<u>143.56</u>		143.61

39	40	100.00	4%	99.92
		100.00	3%	99.95
		64.90	6° 03'	64.54
			83° 57'	
				264.41
				-.06 TEMP
<u>MEAN</u>		<u>264.38</u>		264.35

✓ WCC

Dec 5, 1969

Temp 30°

53	60	89	60
79	48	72	89
10	12	70	21

89	60
78	01
1	59

89	60
13	57
0	3

59

sta from	sta to	slope dist	vert	Horiz Dist
40	39	100.00	4%	99.98
		100.00	3%	99.95
		64.63	3%	64.60
				264.47
				-06 TEMP
MEAN	264.38			264.41

41	42 41A	41.00	3%	40.98
		74.63	3%	74.59
				115.57
				.03 TEMP
MEAN	115.54			115.54

41A 42	41	80.00 82.00	3%	79.96
		35.61	0%	35.61
				115.57
MEAN	115.54			-.03 TEMP
				115.54

41	40	101.00	3%	100.95
		11.10	5%	11.10
				112.05
				-.03 TEMP
MEAN	112.01			112.02

Dec. 5, 1969

Temp 30°

Dec. 11, 1969 A.M.

Temp 25° 12" snow powdered

$$\begin{array}{r} 90 \\ 61 \\ \hline 35 \end{array} \quad 61$$

$$\begin{array}{r} 99.10 \\ 83 \\ \hline 11.10 \end{array}$$

Sta From	Sta To	Slope Dist.	Vert. L	Horiz.
40	41	100.00	3%	99.95
		12.05	0%	12.05
				112.00
				- .03 TEMP
				111.97
<hr/>				
41	40	50.00	2%	49.99
		62.05	2%	62.04
				112.03
				- .03 TEMP
				112.00
<hr/>				
41A 42	42 43	100.00	2%	99.98
		101.00	2%	101.98
		5.46	0%	5.46
				206.42
				- .05 TEMP
				206.37
<hr/>				
42 43	41A 42	83.00	2%	82.98
		107.10	2%	99.98
		23.47	0%	23.47
				206.43
				- .05 TEMP
				206.38

Dec. 14, 1969 A.M.

99.95
40
62.05

99.98
42
101.98
799.84
829.84

LWBC

Sta From	Sta To	Slope	Vert. L	Horiz
43	44	100.00	0%	100.00
44	45	100.00	0%	100.00
		100.00	0%	100.00
		30.63	0%	30.63
				330.63
				330.53
				-.08 TEMP
				330.55

44	45	100.00	0%	100.00
45	46	100.00	0%	100.00
		72.39	0%	72.39
				272.39
				272.32
				-.07 TEMP
				272.32

45	44	100.00	0%	100.00
46	45	100.00	0%	100.00
		72.39	0%	72.39
				272.39
				272.32
				-.07 TEMP
				272.32

VWBC

Dec. 11, 1969 P.M.

99.63
 67.00
 30.63
 44.59
 27
 78.34

62

Sta From	Sta to	Slope Dist	Vert %	Horiz Dist.
44 75	43 74	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		30.60	0%	30.60
				330.60
				-08 TEMP
<u>MEAN 330.53</u>				330.52

42	43	100.00	9° 29' 99° 29'	98.63
		57.00	0%	57.00
		52.79	0%	52.79
				208.42
				.06 TEMP
<u>MEAN 208.40</u>				208.36

43	42	100.00	4° 47' 85° 13'	99.65
		100.00	5° 20' 84° 40'	99.56
		9.30		9.30
				208.51
				-.06 TEMP
<u>MEAN 208.40</u>				208.45

✓ W3C

Dec. 19, 1969 P.M.

Resnick
Cochrane
Yonker

Dec. 19, 1969

Temp 20°

57	60
65	13
4	47

Sta From	Sta To	Slope Dist	vert K	Horiz Dist.
45	46	100.00	$15^{\circ} 47'$ $74^{\circ} 13'$	96.28
		21.04	$15^{\circ} 47'$ $74^{\circ} 13'$	20.25
				116.48
				-0.04 TEMP
				116.44
<u>MEAN 116.47</u>				
46	45	76.00	$15^{\circ} 38'$ $74^{\circ} 22'$	25.04
		95.01	$15^{\circ} 38'$ $74^{\circ} 22'$	91.50
				116.54
				-0.04
				116.50
<u>MEAN 116.47</u>				
46	47	100.00	$2^{\circ} 34'$ $87^{\circ} 46'$	99.92
		70.86	0%	70.86
				170.78
				-0.05 TEMP
				170.73
<u>MEAN 170.72</u>				
47	46	100.00	2%	99.98
		70.84	$2^{\circ} 13'$ $87^{\circ} 47'$	70.78
				170.76
				-0.05 TEMP
				170.71
<u>MEAN 170.72</u>				

VWBC

Dec 19, 1969

Temp 20°

Rcsyick
Cochrane
Yonker

sta 45 - east edge of survey

sta 46 - Top of High Hill

64

Star From	Star To	Slope Dist	Vert F	Horiz Dist.
--------------	------------	---------------	-----------	----------------

47	48	100.00	3%	99.95
		68.05	0%	68.05

168.00

.05

~~MEAN 167.92~~

167.95

48	47	100.00	0%	100.00
		67.95	0%	67.95

167.95

MEAN 167.91

-.05 TEMP

167.90

47	48	100.00	3%	99.95
		68.02	0%	68.02

167.97

MEAN 167.91

-.05 TEMP

167.92

48	49	100.00	7° 53'	99.05
		100.00	97° 53'	99.12
		100.00	7° 34'	99.95
		14.65	0%	14.65

312.77

.10 TEMP

312.67

LWBE

Dec 19, 1969

Resyick
Cochrane
Yonker

Heavy pull on last 100 ft.

65

Sta From	Sta To	slope Dist	Unit r	Horiz Dist.
49	48	100.00	0%	100.00
		100.00	7° 15'	99.20
		100.00	7° 51'	99.05
		15.55	0%	15.55
				313.80
MEAN 313.70				- .10 TEMP
				313.70

48	49	100.00	7° 55'	99.04
		100.00	7° 36'	99.12
		100.00	2%	99.98
		15.66	0%	15.66
				313.80
MEAN 313.70				- .10 TEMP
				313.70

Dec 19, 1969

Temp 20°

VUBC

Sta From	Sta To	slope Dist	vert \pm	Horiz Dist.
49	50	100.00	$3^{\circ}10'$ 93-10	99.85
		100.00	0 $\%$	100.00
		100.00	1 $\%$	100.00
		80.00	0 $\%$	80.00
		65.60	3 $\%$	65.58
				445.43
				- .22
				445.21
mean = 445.15				

50	49	62.00	2 $\%$	61.99
		100.00	0 $\%$	100.00
		101.00	0 $\%$	101.00
		82.54	$4^{\circ}10'$ 94 \circ 10'	82.32
		100.00	0 $\%$	100.00
				445.31
				- .22
				445.09
mean = 445.15				

Jan 6) 1970

Temp. -10°

67

Sta from	Sta to	Slope Dist	Unit	Horiz Dist
50	51	86.55	1%	86.55
				<u>-0.04</u>
				86.51
mean = 86.51				

51	50	86.55	0.7%	86.55
				<u>-0.04</u>
				86.51
mean = 86.51				

51	52	100.00	0.9	100.00
		100.00	0.7	100.00
		47.22	1.7%	47.22
				<u>247.22</u>
				12
				<u>247.10</u>
Mean = 247.09				

52	51	100.00	0.7%	100.00
		101.00	0.7%	101.00
		46.21	0.9%	46.21
				<u>247.21</u>
				12
				<u>247.09</u>
mean = 247.09				

Vult

Jan 8, 1970
Temp -10°Roswell
Cochrane
Yankee.

Sta From	Sta To	Slope Dist	Vert %	Horiz. Dist.
52	53	100.00	1%	99.99
		47.99	1%	47.99
				147.98
				.07
				147.91

Mean = 147.91

53	52	99.00	0%	99.00
		48.98	0%	48.98
				147.98
				.07
				147.91

Mean = 147.91

53	54	100.00	1%	99.99
		101.00	2%	99.98
		21.09	0%	21.09
				221.06
				.11
				220.95

Mean = 220.95

54	53	100.00	2%	99.98
		100.00	1%	99.99
		21.08	0%	21.08
				221.05
				.11
				220.94

Mean = 220.95

Jan 8, 1970

Temp -10°

Resnick
Cochrane
yanked

Sta 54 = East 1/4 sec 27

70

Line East from W/4 sec. 27 to
East 1/4 sec 27

Sta occ.	Sta. Sighted	1st +	3rd +	Mean +	
32	31	0-0			
	33	180-01.4	180-04.8	180-01.6	✓
33	32	0-0			
	34	178-39.4	175-56.8	176-38.9	
33	32	0-0			
	34	178-36.9	175-56.8	178-36.9	✓
34	33	0-0			
	35	180-00.9	180-02.7	180-00.9	✓
35	34	0-0			
	36	180-10.6	180-32.9	180-10.9	✓
36	35	0-0			
	37	178-59.5	177-01.0		
36	35	0-0			
	37	179-01.0	177-02.0	179-00.7	✓

W3E

Dec. 5, 1969

Resyck
Cochrane
ganter
$$\begin{array}{r} 52 \\ 31/120 \\ 38 \end{array}$$

$$\begin{array}{r} 175 \\ 360 \\ 315-35 \\ 175 \end{array}$$

$$\begin{array}{r} 59 \\ 31/127 \\ 39 \end{array}$$

$$\begin{array}{r} 59 \\ 31/127 \\ 39 \end{array}$$

$$\begin{array}{r} 109 \\ 21/327 \end{array}$$

<u>71</u> Sta Occ	Sta Sighted	1st ✓	3rd ✓	Mean ✓	
37	36	0-0			
	36	182-43.0	188-08.0	182-42.7	✓
38	37	0-0			
	39	179-28.3	178-24.0	179-28.0	✓
39	38	0-0			
	40	180-49.0	182-26.0	180-48.7	✓

cont on page 72

WCC

Dec 5, 1969

Resurck
Yunker
Cochrane

22 42.7
 2/188 28
 124
 39 28
 3/178 24
 64
 40 48.7
 13/182 26
 146

<u>92</u> Sta Occ	Sta Sighted	1st ✓	3rd ✓	Mean ✓	
40	39	179-37.0 0-0			
	41	179-37.0	178-31.2	179-37.0	✓
41	40	0-0			
	42	181-13.9	183-43.9		
41	40	0-0			
	42	181-14.6	183-43.8	181-14.6	✓
42	41	0-0			
	43	179-10.6	177-33.0	179-11.0	✓
43	42	0-0			
	44	180-01.0	180-04.0	180-01.3	✓
43	42	0-0			
	44	180-01.0	180-03.8	180-01.3	✓
44	43	0-0			
	45	179-58.5	179-55.8	179-58.6	✓

Dec 19, 1969

W3C

73

Sta O.C.	Sta Sighted	1st ✓	3rd ✓	Mean ✓
45	44	0-0		179-13.1
	46	179-13.0	177-39.4	179-39.1 ✓
46	45	0-0		
	47	180-03.5	180-09.8	180-03.2 ✓
47	46	0-0		
	48	179-25.9	178-18.2	
47	46	0-0		179-25.9
	48	179-25.9	178-17.9	179-26.0 ✓
48	47	0-0		
	49	185-41.2	197-03.5	185-41.2 ✓
49	48	0-0		
	50	170-46.1	152-23.9	170-46.0 ✓

WBC

74

Sta OC	Sta sighted	1st ✓	3rd ✓	Mean ✓
50	49	0-0		
	51	116-25.5	3149 N.4	116.25.5 ✓
51	50	0-0		
	52	204-37.8	253-58	204-38.0
52	51	0-0		
	53	220° 47.5	307 22.2	220° 47.4 ✓
53	52	0-0		
	54	179-55.1	179 N.1	179-55.0 ✓
51	50	0-0		
	52	204-37.4	253-52.0	204-37.3

W30

Jan 8, 1970

Temp -10° windy

Resnick
Cochrane
Yorker

Sta 54 = East 1/4 Sec 27

75 See page 21 this Book, sta. 10 to sta. 11

Polaris observation

T at sta. 10

Red at sta. 11

Sta Obs	Sta Sighted		CSL Time
		<u>Direct</u>	
10	11	0-0	
star	1st	271-22.0	5:01:00
star	2nd	271-22.0	5:01:40
star	3rd	271-22.0	5:02:01
Mark		0-0	

Reversed

10	11	0-0	
star	1st	271-48.00	5:08:20
star	2nd	271-48.0	5:09:00
star	3rd	271- ^{48.0} 47.0	5:09:21
Mark		0-0	

Direct

Mark		0-0	
star		271-19.5	5:17:27
star		271-19.5	5:18:08
star		271-19.5	5:18:23
Mark		0-0	

Dec. 4, 1969

RESVICK
Cochrane
yorker

Central Standard Time

Watch 1 min 45 sec. Fast

This observation is in error.

Cont. Next page

76

Reversed

Mark 0-0

star 271-18.5 5:22:10

star 271-18.5 5:22:29

star 271-18.5 5:22:36

Mark 0-0

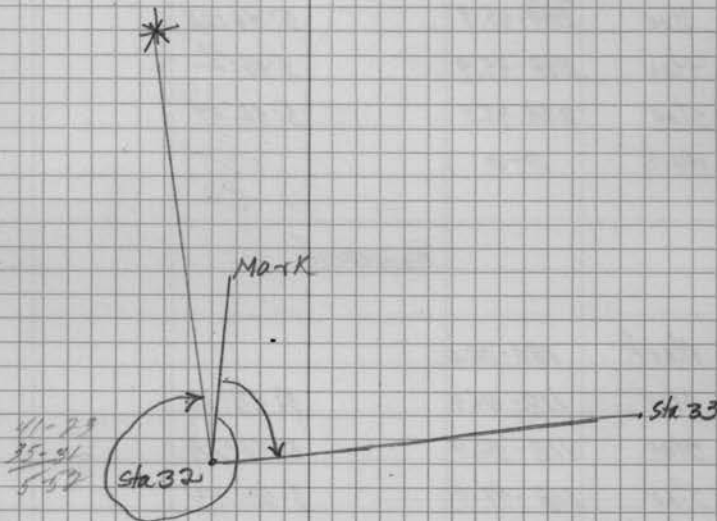
T @ Sta 32	Sighting	Sta	Mark	watch	10 sec. slow
	Angle			Time	CST
Mark	180-00.0				
Star	171-41.0			6:35:31	
Star	171-41.0			6:35:49	
Star	171-41.0			6:36:11	
Mark	180-00.0				

	Angle	Time
Mark	0-0	
Star	^{39.0} 351-39.5	6:40:35
Star	351-39.0	6:40:55
Star	351-39.0	6:41:23
Mark	0-0	

32	Mark	0-0		
	33	82-39.8	247-58.9	82-39.6

Jan. 13, 1970

Sta on Schelke Road
Line through center (East) of 27.



π @ sta. 59

Rod @ sta 62 or Eto $\left(\frac{27}{35}\right)$

	Angle	Time	Watch 10 Sec. slow CST
Mark	0-0		
stav	298 298-45.9	5:46:02	
stav	298-45.9	5:46: 2 ²⁵	
stav	298-45.9	5:46:44	
Mark	0-0		

Reversed

Mark	180-00.0		
stav	118-44.4	5:50:00	
stav	118-44.4	5:50:28	
stav	118-44.4	5:50:44	
Mark	180-00.0		

Jan 13, 1970

43°40.5 Vert L