

325 RSA

325
C-2

FIELD NOTES OF RESURVEY OF PARTS OF
TP, 23, R. 2, W5M.

SARCEE I.R. # 145.

RSA. 325

Field Notes of Resurvey of
PARTS OF TOWNSHIP 23 R2
SARCEE INDIAN RESERVE #145

BY DABOUCK D.A.L.S.

June 28 TO July 9, 1976

TRANSIT 130197

L.S.112

267

92

359

350 01 08

• Hb₂

• Hb₁



SURVEY *Ext. of TWP. Line*

PAGE

TAPE

EDM

TRANSIT 130197

DATE *28/06/76*OBSERVER *C.A.S.*

STA.	DISTANCE	SLOPE		SAG	Corr. Slope Sag		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	ADJ.		
X @	Hb2	Hi: 1.600					
	Vertical						
Hb. 1							
Hb 3							
	Horizontal						
Hb 1	63-50-00	243-50-01					
Hb 3	243-49-58	63-50-00					
Hb 1	90-41-22	270-41-27	41-25				178-19-38
	49-53-18	229-53-09	53-14				
Hb 4	269-00-58	89-01-07	01-03				178-19-46
	228-13-06	48-12-54	13-00				
							RS.
	L.S.112						

Hb₄ • • Hb₃

• Hb₂

• Hb₁

22		23
—	△ Sta.	—
15		14

SURVEY

Ext TWP LINE

PAGE

TAPE

EDM

TRANSIT 130197

DATE 28/06/76

OBSERVER

CAS

STA.	DISTANCE	SLOPE		SAG	Corr. Slope Sag		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	ADJ.		
π @ H6 4			HI	1.500m			
H6 2	179-19-32		359-19-33	19-33	655.14		178-15-45
H6 5	1-03-46		181-03-50	03-48			
	178-15-46		178-15-43				
H6 2							
H6 5							
VERTICAL ANGLES							
							Temp. 68°F
							EF = 40.
H6 2	88-50-27		88-49-23	655.14			655.01
	<u>27-11-40</u>			655.16			#
	360-02-07			Means			
H6 5	91-26-00		91-25-00	499.89			499.74
	<u>268-36-01</u>						
	360 02-01						RS
	L.S.112						

• Hb 5

• Hb 4

• Hb 2

10

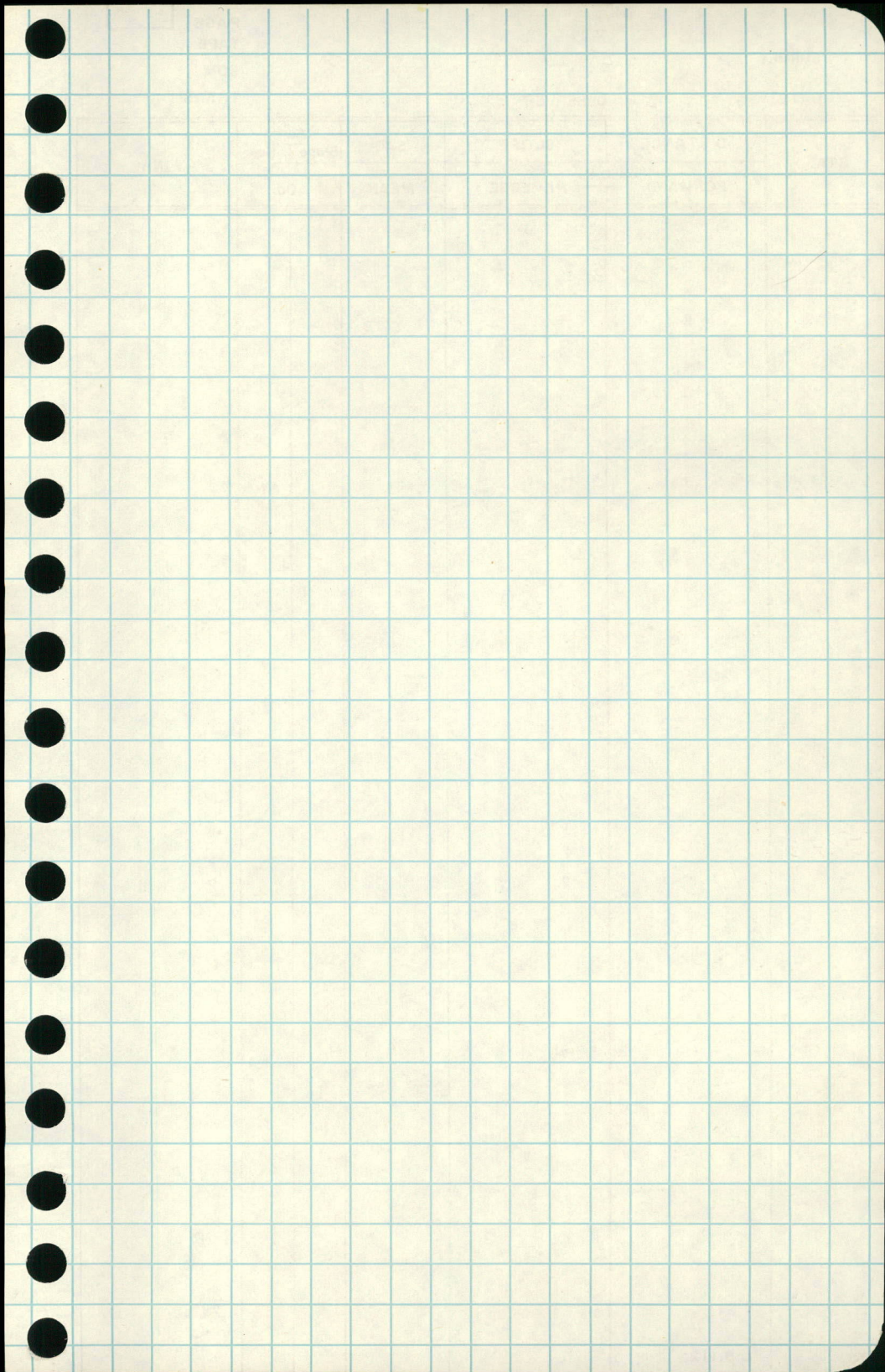
RETRACEMENT

DATE 28/06/76 OBSERVER

DAB

RS.

201





22 | 23
TP23 R2
1949

STA 3



HILL

GRAVEL ROAD

STA 2



3.5



Ed. P.P. 15

STA 5



11.5

STA 4



1/2 mi



STA 1



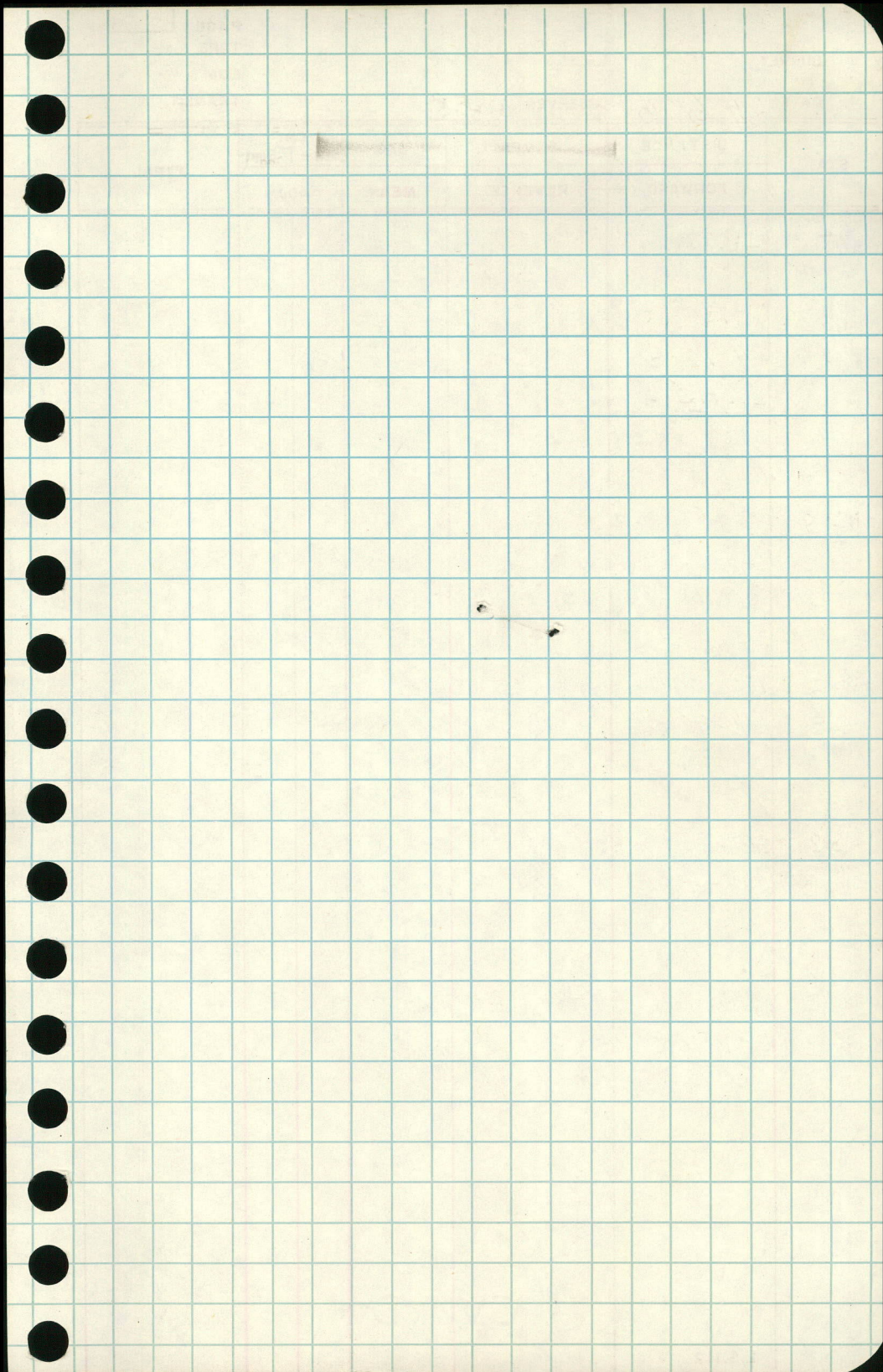
SURVEY *Source Tr Restoration*

DATE 28-6-76. OBSERVER DAB MN

OBSERVER *DAG MN*

PAGE L
TAPE
EDM
TRANSIT

STA.	DISTANCE	SLOPE	SAG	Corr.		FINAL
	FORWARD	H.C.R.	REVERSE	Slope	Sag	
57A5	92.75	4 05.35				92.81
	93.30	85-54-25				
	.35					
	92.75					
57A4	92.65	87-05-40				92.64



SURVEY *Source I.R. Restoration*

DATE 29/06/76

OBSERVER C.A.S.

Tape

EDM

TRANSIT



2651.81 ft.

6.4
36
22

227
137
90

93
56
37

• Hb 4 •

Searching for
target point
NE 20-23-22

• Hb. 3

20' } Hb 2

• Hb 1

• ST 2021

dist. between • Hb 1 & ST = 20'

PAGE L
TAPE
EDM
TRANSIT

OBSERVER D.A.B.

[illegible]

Point in Willow's
ME 24-23-2

Hb 6

Calcd from Hb 6
where ME 24 was
Pd Prisoner Range blue found
Pd 2.

Hb 4

near NE 20-23-2
Pd P + R

Hb 5

Hb 3

CNE 17-23.R2

PAGE L
TAPE
EDM
TRANSIT

OBSERVER

TRANSIT

[illegible]

232-17-42

96-00-16

136-17-26

3482

232-17-37
116-27-47

115-49-50

828.8

113-50-37

116-27-47
943.

232-17-32

113-50-37

118-26-55

118-37-38

232-17-48

118-37-38

113-40-10

SARCE, V. R.

29/06/76

C. A. S.

RG

332-11-48

62-11-48

CHECK 1/4 Post

20C

30'

75

20B

30'

20A

255

175

22B

Δ

22C

NE 20 TO 23 R3

searching for NE 22 - 23 - 3

Ed. P. NE 22 using

Pin
on
Pole

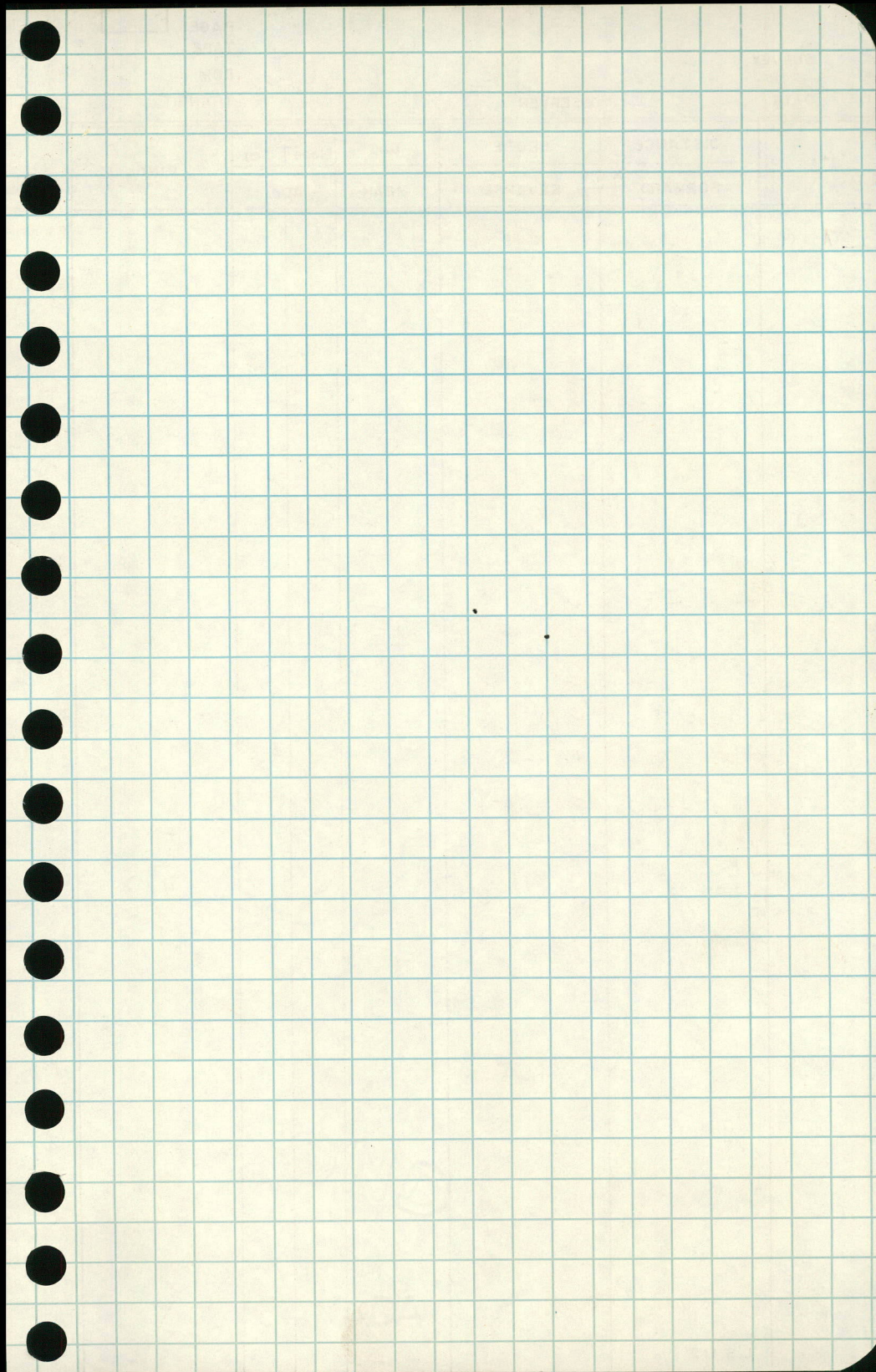
PAGE L
TAPE
EDM
TRANSIT

OBSERVER

29/06/76

Chick

[illegible]

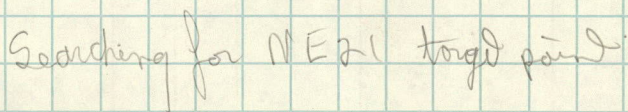


SURVEY

T0 = 76
EF 40PAGE
TAPE
EDM
TRANSIT

DATE 30-6-76 OBSERVER DAB

STA.	DISTANCE	SLOPE		SAG	Corr.		FINAL
		FORWARD	H.C.R. REVERSE		Slope	Sag	
7							
466	0-00.00						
1/4 Sec	179-49.30						
DIST	3895.96'						
Note: Hub 10 placed on line between Hub 9 & Hub 7							
Note Fd. E 1/4 2.7							
11@ Hub 10	vert X to E 1/4 2.7						
	89-47.52						
	270-14.01						
	359-58.52						
		714.72					714.72



DATE _____

Searchings NE 21

30-6-76

OBSERVER

Chick

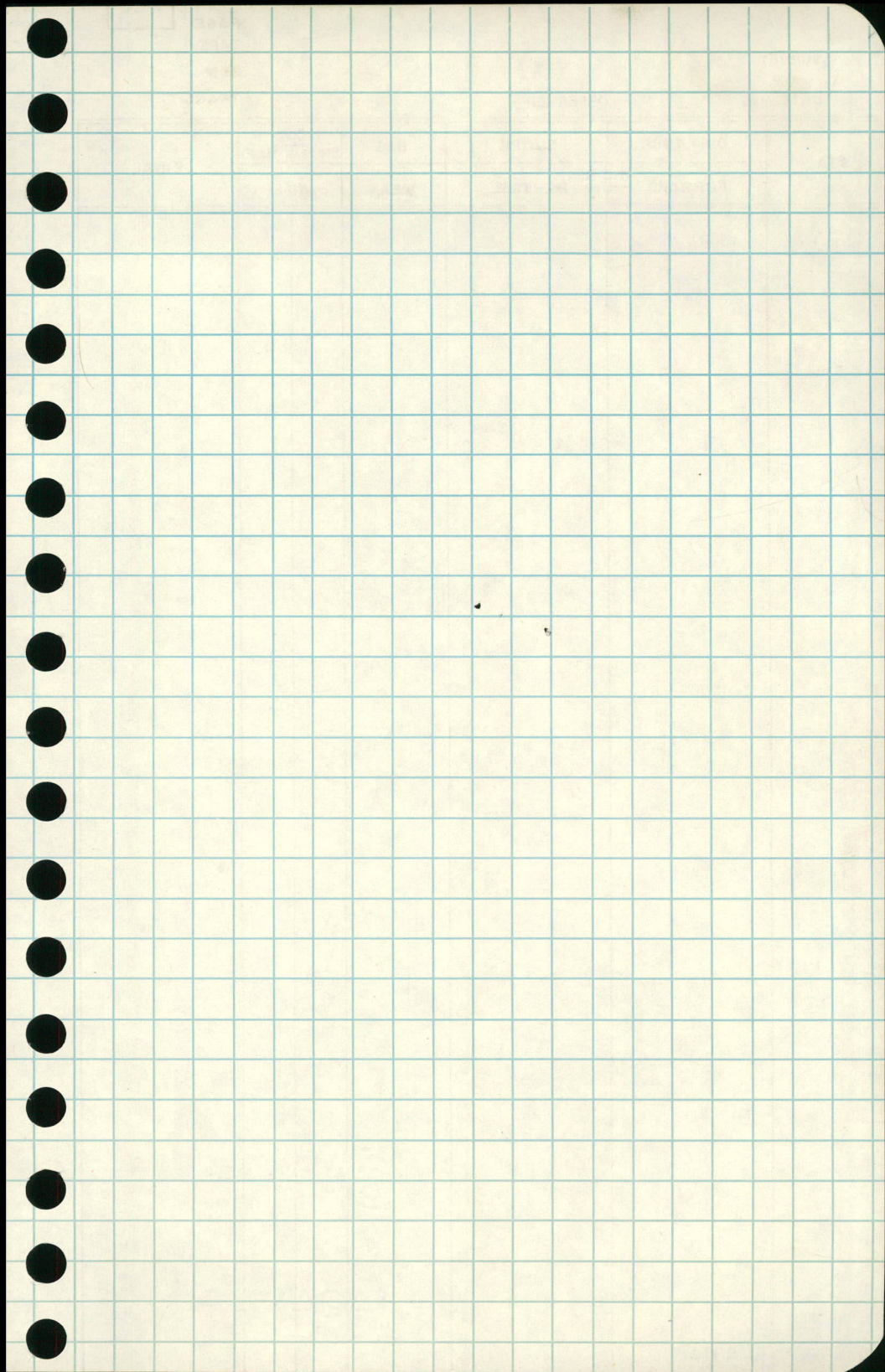
PAGE

Tape

EDM

TRANSIT

L.S.112



SURVEY RECOVERY OF SECTION LINE BETWEEN
SEC 26-27

TAPE

EDM

TRANSIT

DATE _____

1 107/76

OBSERVER

CAS

L.S.112

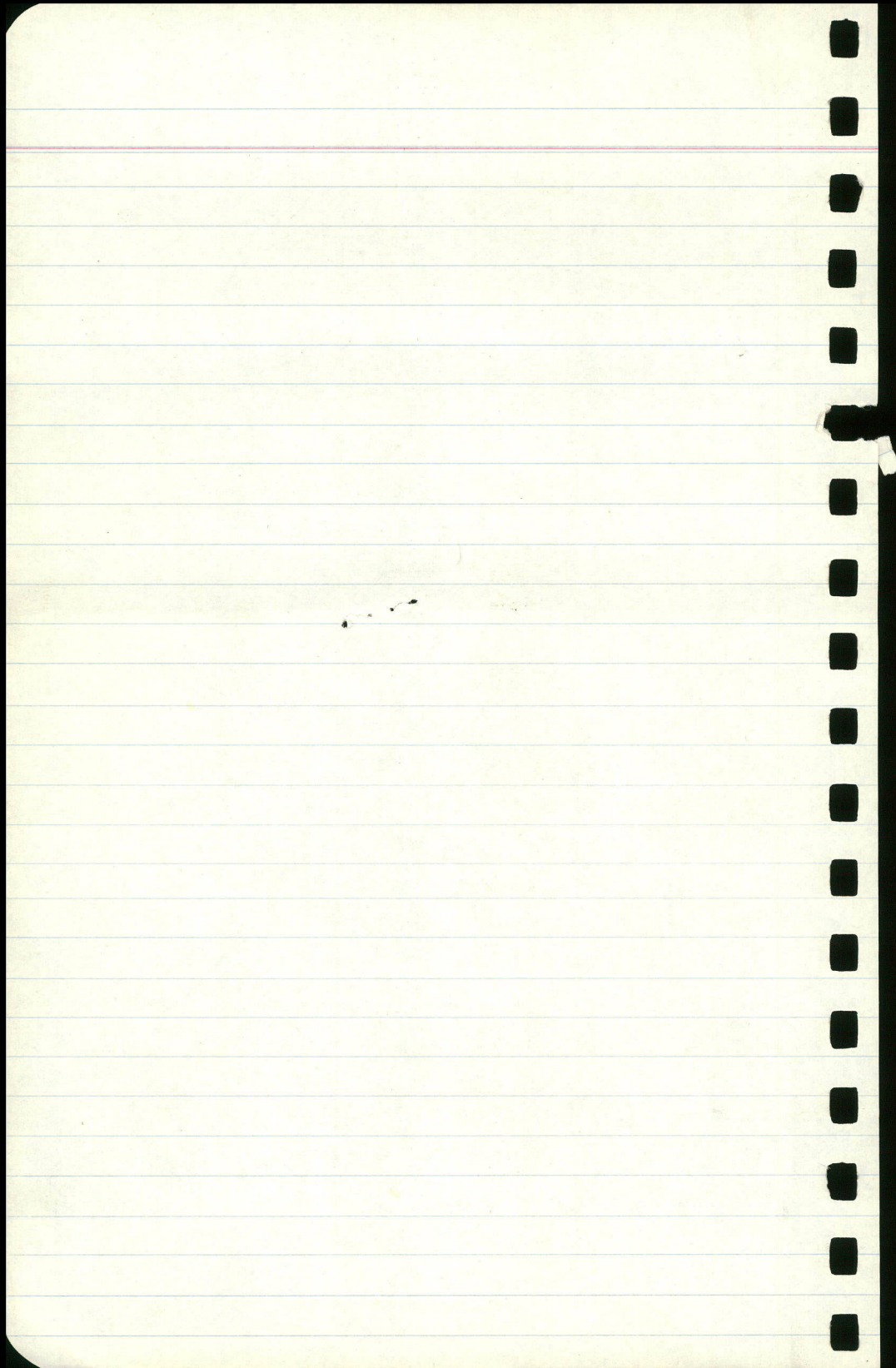
1949.86

121-56-26

126-36-30

121-56-26

4-40-04



NE 27

H62

H61

$\frac{1}{4}$ sec A
26-27, 23, R2

SURVEY

TP23 R2 W5

DATE 1/07/76

OBSERVER

MPN.

STA.	DISTANCE	SLOPE		SAG	Corr. Slope Sag		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	ADJ.		
7 @ H62 H61							05
H62	179-54-47	359-54-48					180-00-48
26-27	0-00-36	180-00-34					
	180-05-49	180-05-46					
1							
H62	240-04-46	60-04-49					
26-27	60-00-38	240-10-41					
	179-55-52	180-05-52					05
H62	200-55-15	20-55-11					180-00-48
26-27	21-00-59	201-01-02					
	180-05-44	180-05-51					
N @ Hub 1							
TEMP 78°F EP 45							
VERTICAL ANGLES							
26-27	87-52-10	87-52-15	432.94				432.64
	272-07-40						
	359-59-50						
H62	95-27-34	95-28-34					
	264-34-25						
	360-01-59						
H62	95-25-29	95-25-32	1927.21				1918.58
	264-34-26						
	359-59-55						RS
	L.S.112						

34 + 35
 27 + 26
 123 R2
 1976

27

4

H62

180-12-10

2639.91

H62

180-05-46

1/4 Sec

26-27

4

SEC CORNER 27

4

1162

•

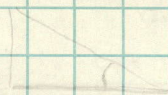
1161

•

1/4 SEC
POST

26x27

Δ



2-09-55

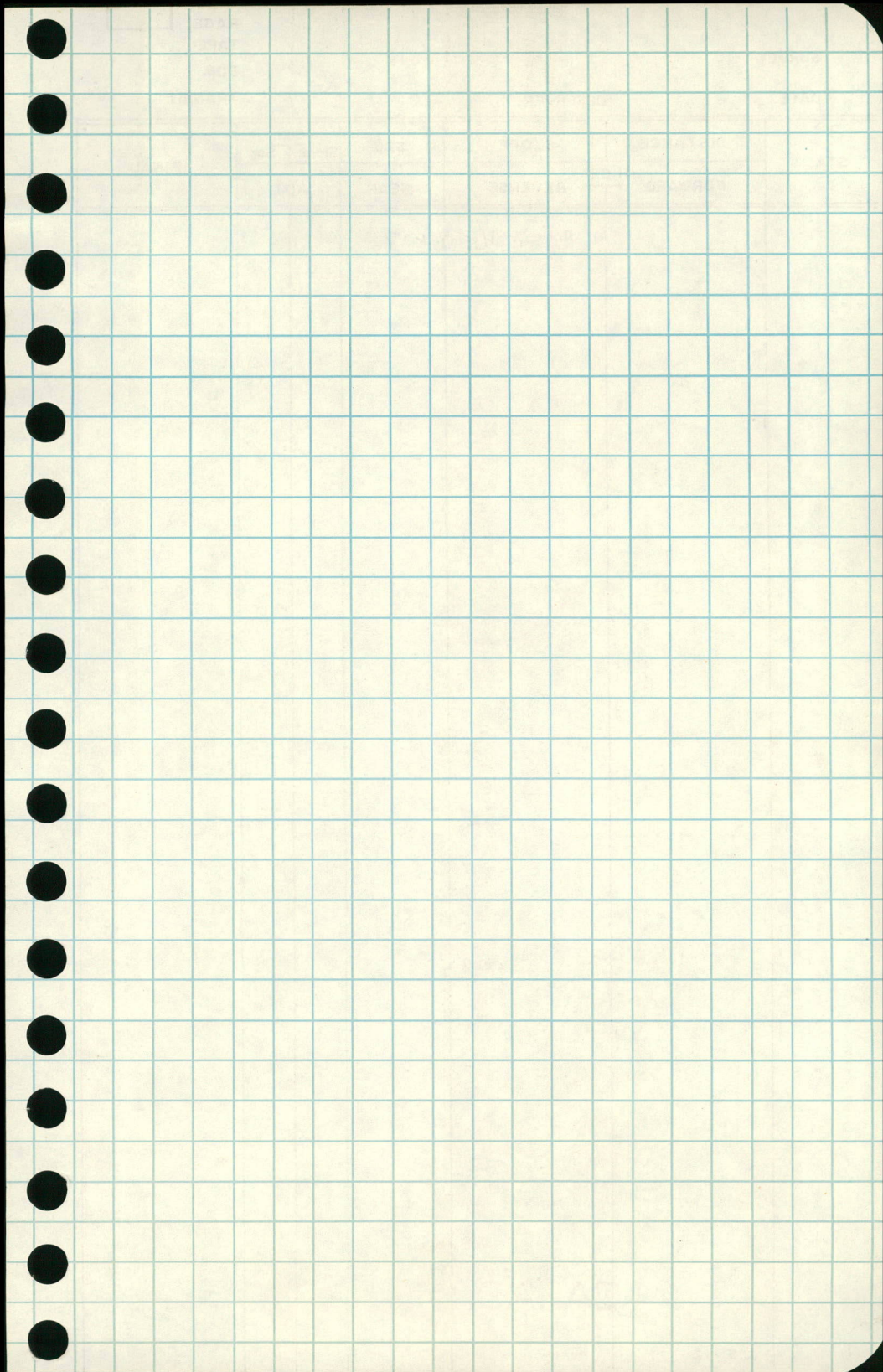
1950

477250

44265

1285

43670



SURVEY

REESTABLISHMENT SECTION CORNER

PAGE

TAPE

EDM

TRANSIT

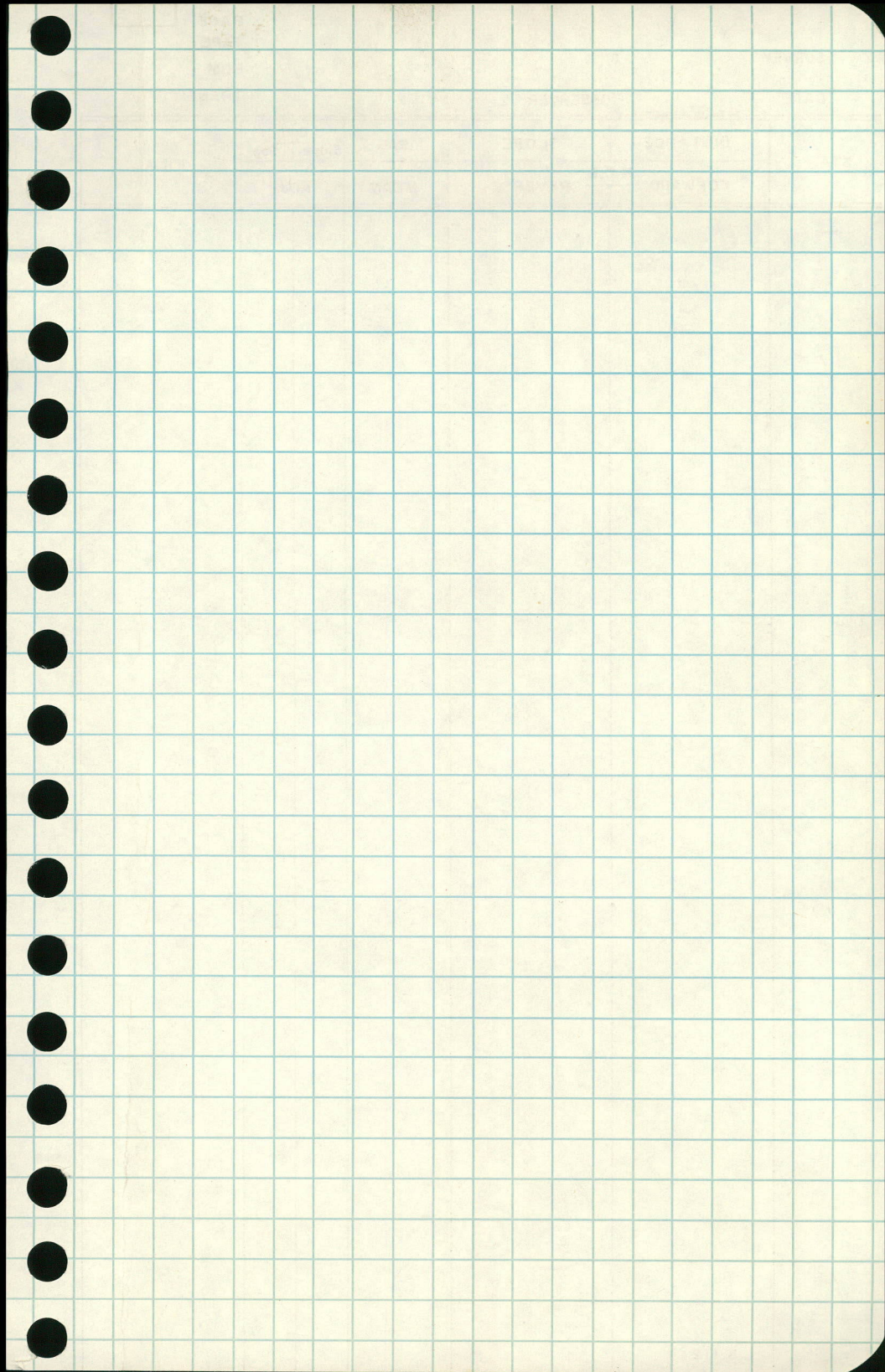
DATE 1/07/76

OBSERVER

MPN

STA.	DISTANCE	SLOPE		SAG	Corr. Slope Sag		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	ADJ.		
π @	H6 1		(15 Sta - 16)	NE 15			
STA							
H6 2							
STA							
H6 2							
VERTICAL ANGLES							
STA	92-55-16			550.83			550.11
(NE 15)	267-04-40						
	359-59-56						
H6 2	89-13-14	89-14-32		843.08			843.01
	270-44-20						
	359-57-24						
L.S.112							

R.S.



RESURVEY SECTION LINE

Tape

EDM

TRANSIT

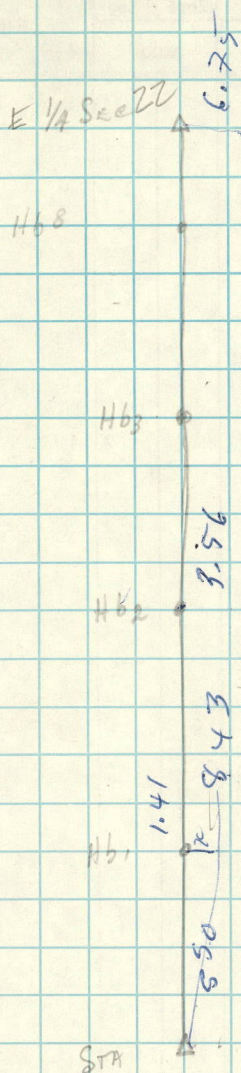
DATE _____

210 7/76

OBSERVER

MPV

Q5.



Move Hb1 West 16.9"
 Hb2 " 3'-6.8"
 Hb3 " 5'-2.9"

$$\begin{array}{r}
 2638 \\
 - 6.75 \\
 \hline
 2631 \\
 - 5.50 \\
 \hline
 2625
 \end{array}$$

Note First traverseline missed post by 6.75' E of P

Now hubs were offset & produced to E 1/4 22
 missed on west by 7.50' off hub 3E

SURVEY *Sarcoc**T^o 72*
E F 40

PAGE

TAPE

EDM

TRANSIT

DATE *9-7-76* OBSERVER *DAVID NRS*

STA.	DISTANCE	SLOPE		SAG	Corr.		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	Slope	Sag	
<i>1@</i>	<i>Hub 3</i>						
	<i>Vert X to</i>	<i>E 1/4 22 1/2 N 3</i>					
	<i>93-01-59</i>						
	<i>266-58 47</i>						
	<i>359-59.46</i>		<i>240.19</i>				<i>239.85</i>
	<i>Vert X to</i>	<i>Hub 2</i>					
	<i>271-08-30</i>						
	<i>88-50.49</i>						
	<i>359-59-19</i>		<i>1006.52</i>				<i>1006.32</i>
	<i>2400 =</i>	<i>π = 3.82</i>					
	<i>2640</i>	<i>4.2</i>					
	<i>240</i>						
	<i>400</i>						<i>2639.48</i>
<i>1@</i>	<i>Hub 3 produced to Ed P. missed centre of cap = (See opposite page for dist.)</i> <i>4.2 units west of centre. (2105 ft/cent.)</i> <i>- Moved Hub 3 - 3.8 units East & back placed it on centre of cap to produce line North.</i>						

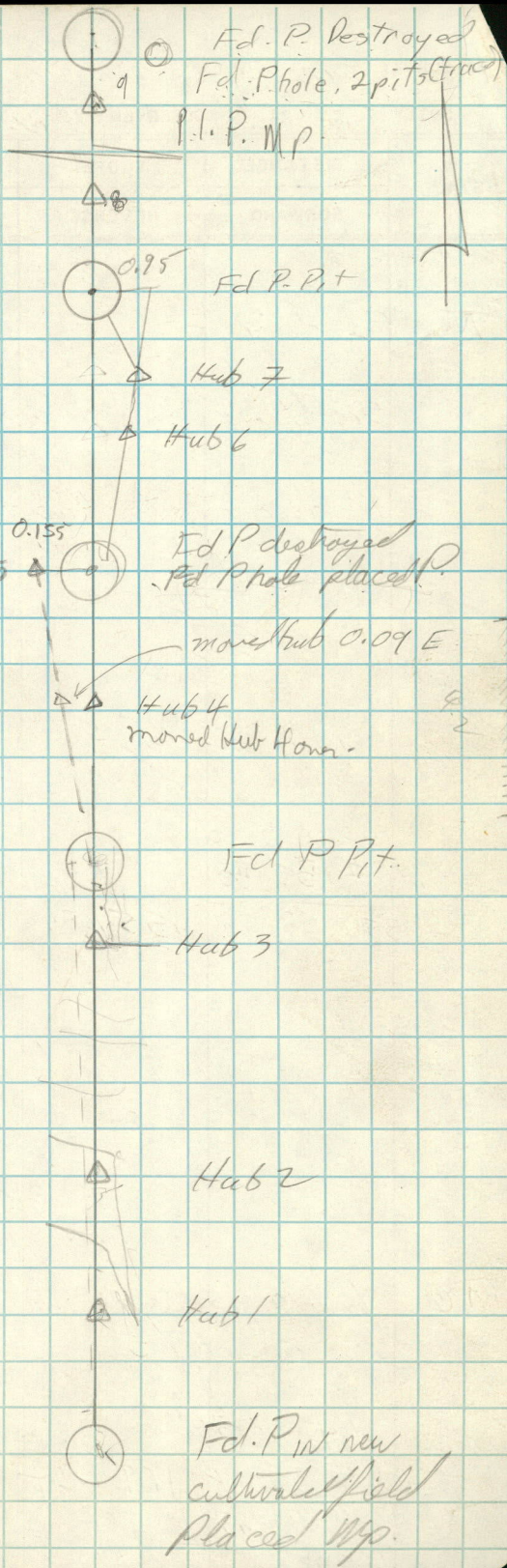
34 | 35
27 | 26
TP23 R2
1976

27 | 26
TP23 R2
1949

27 | 26
22 | 23
TP23 R2
1976

22 | 23
TP23 R2
1949

22 | 23
15 | 14
TP23 R2
1949



SURVEY

Surcoe Restoration.

PAGE

TAPE

EDM

TRANSIT

DATE

9-7-76

OBSERVER

M.N.

STA.	DISTANCE	SLOPE		SAG	Corr. Slope Sag		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	ADJ.		
π @ E 1/4 22							
sighting Hub 3 (moved ^{3.8} 5.2 _{3.8})							
Produced to Hub 4							
π @ E 1/4 22							
Vert X to Hub 4							
92-03-08							
267-55-55							
359-59-03			1551.34				1550.34
π @ Hub 4 produced to Hub 5 0.155 w. a Phole							
From E 1/4 22							
Fd. P. destroyed Fd Phole and new Pin							
old Phole. offed Hub 4 0.09 E to pin							
π @ Hub 4							
Vert X to Hub 5							
94-53-35							AS
265 05-12			1094.27				1090.27
359-58-47							
L.S. 112							

RS

$$\begin{array}{r} 2639.48 \\ 2638.94 \\ \hline .54 \end{array}$$

$$\begin{array}{r} 39.984 \\ 46 \sim 5 \\ \hline 239904 \\ 239904 \\ \hline 2638.944 \end{array}$$

$$\begin{array}{r} 40.011 \\ 66 \\ \hline 240066 \\ 240066 \\ \hline 2640.726 \\ 2640.73 \end{array}$$

94-22-30

$$1214.23 = 1210.69$$

$$94-53-50 \rightarrow 1094.25 = 1090.26$$

$$2640.60$$

$$2761.03$$

$$2640.73$$

$$\begin{array}{c} 8.16 \\ \circ \end{array}$$

$$\Delta x$$

$$\circ$$

$$\frac{.16}{2640} = \frac{20}{1549.73} =$$

$$\Delta = 0.09 \text{ EAST}$$

DATE 9-7-76 OBSERVER DAB

PAGE L
TAPE
EDM
TRANSIT

STA.	DISTANCE	SLOPE		SAG	Corr. Slope Sag		FINAL
	FORWARD	H.C.R.	REVERSE	MEAN	ADJ.		
K @	Hub 6 (approx North of NE 22						
	Produced from Hub NE 22 to Hub 7						
	Production to E 1/4 27 missed post by 0.95 ft of Post						
K @	Hub 6						
	Vert X to N.E. 22						
	92-51-51						
	267-07-00						
	359-58-51	1710.28		1708.13	14		Temp = 72
	Vert X to Hub 7						
	88-31-13						E F = 40
	271-27-43						
	359-58-56	407.48		407.35			407.35
K @	Hub 7						
Hub 6	0-00-49	200-01-08					
E 1/4 27	179-54-55	379-55-22					
	179-54-06	179-54-14					179-54-10.
Vert	X to E 1/4 27						
	269-36-54						
	90-22-10	0-22-40		590.63			590.62
	L.S. 112-59-04						

0.958

~~0.958~~

407.4%

1708

2639.93

2640

1708

2640

2115.48

Plan 2705.93

Total 2706.10

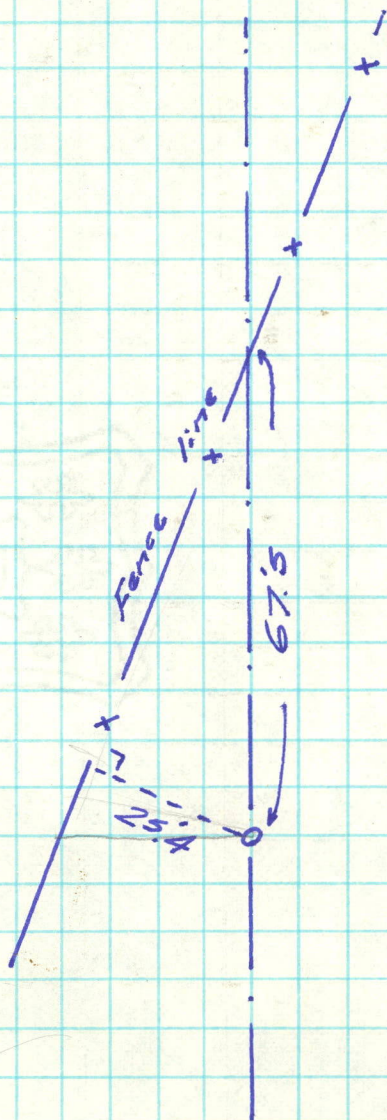
Nov 16, 1976

p1

M. Noble

R. Strickland

G. Olsson



22 | 23

15 | 14

T23R2

1949

Ed P. Map 111.

DATE _____

OBSERVER

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BOOK
TRANSIT

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P.2



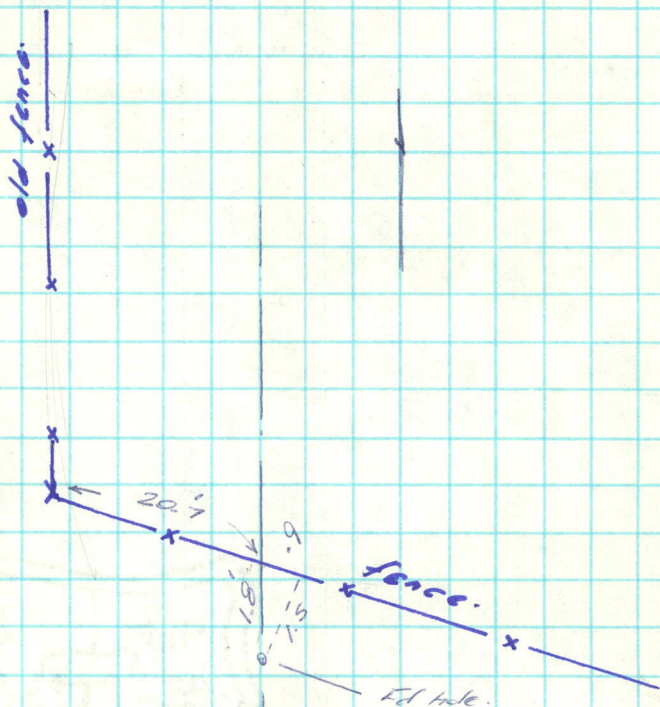
SURVEY

DATE _____

OBSERVER

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SURVEY

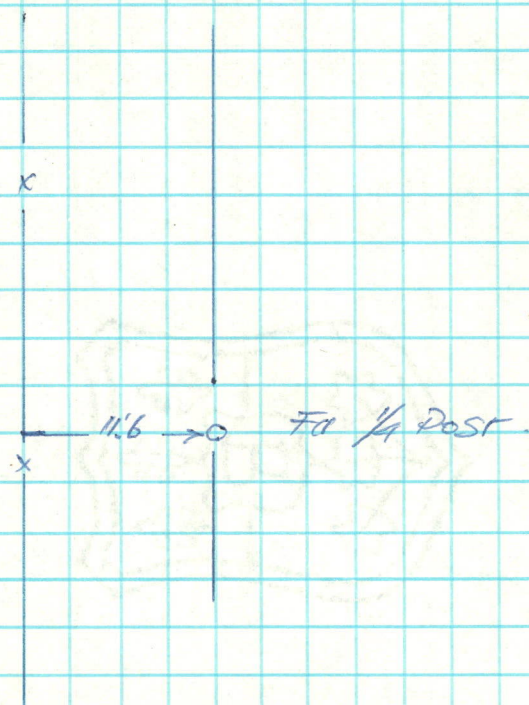
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TRANSIT

DATE _____

OBSERVER

[illegible]

p4



DATE _____

OBSERVER

[illegible]

TRV along
E Body Sec 27

0.000*
0.000
1.000
359.000
58.000*
54.000*
2115.490*
2115.490
-0.677

2.000
359.000
53.000*
4.000*
590.620*
2706.109
-1.868

0.000*
0.000
179.000
57.000
37.611
2706.109
1060.063
0.024

2706.110
1.000

0.000*
0.000
1.000
0.000
2.000*
45.000*
432.640*
432.640
0.346

2.000
359.000
56.000*
57.000*
1918.570*
2351.209
-1.356

3.000
0.000
9.000*
7.000*
288.700*
2639.908
-0.590

0.000*
0.000
179.000
59.000
13.864
2639.908
395.597
0.009

2639.910
1.000

SE 1/4 27

NE 1/4 27

