

6.

K&L
MINING
TRANSIT BOOK
463 A

103

Original Proposal (Town Administration) of Improvements in Town of Miami.

- 1) Canal St. entire length.
Lower sand level, clean rubbish and cans buried. Raise flood wall between Miami and Cordova Aves.
- 2) Bullion Plaza.
Flood walls and protection, live oak walk there to main canal.
Pave Sullivan St. to Town limit
Oil pave Laurel ave. and Pine St.
- 3) Davis Canyon.
Flood. Control walls to main canal.
- 4) Nash Ave.
Flood control and concrete pavement
- 5) Chickohu Ave.
Raise flood wall at head of canyon
- 6) Orphan St.
open full width and retaining walls
- 7) Miami Ave.
Flood control and pavement
- 8) Mill Street.
open full width & retaining walls
- 9) Loomis Ave.
Flood control and pave.

June 3 - 1938. -

- 10) Latham ave. of Mizana Ave - Hardy St. & Hillcrest ave.
oil paving
- 11) Alta Vista ave.
Raise flood wall.
- 12) Adams ave. -
widen entrance near railroad.
raise flood wall - extend paving to Merritt St. (concrete)
- 13) Smith St.
widen and retaining walls
- 14) Inspiration and Live Oak subdivisions
oil pave all streets on top of hill.
- 15) Forest Ave. (Hickory Canyon)
concrete pavement & flood control.
- 16) Kippy ave. - Edgewood ave. - Arthur St.
pav. nt - flood control - flood wall
- 17) Summit Springs addⁿ
oil pave all streets. -

June 5 - 38

Flood Control. -

Canal. -

- 1 Excavation to true grade.
- Repair flood walls and construct new walls as needed. -

Live oak canyon.

Flood walls. -

Davis Canyon -

Flood walls. -

Chickholm ave. -

Enlargement of flood dam.

Acton ave.

Enlargement of flood dam

Adonis ave.

Enlargement of flood dam.
Enlarge channel at rail road.

Ellwood ave.

Construct flood dam.

Loomis ave flood dam

- Paving. -

Concrete.

Sullivan St. to R.R. - 50

Nash ave. 20

Miami ave. 20

Adonis ave to Merritt St.

Forest ave. to Rose road.

Loomis ave. - ?

Oil pavement.

- | | |
|---|------------------|
| ✓ Laurel area | } Bullion Plaza. |
| ✓ Pine St. | |
| ✓ ^{Sullivan St.} Sullivan St. | |
| ✓ Rathbone | ✓ Fredrick St 40 |
| ✓ Wilsons | ✓ Bird St. 7 30 |
| ✓ Hardy | ✓ Rice St. 20 |
| ✓ Hillcrest. | ✓ Towler ave 30 |
| ✓ Prospect ave. | Arthur St. 30 |
| ✓ Merritt St. 30 | |
| ✓ Smith St. 30 | |
| ✓ Keegan St. 30 | |
| ✓ Rose Road 40 | |
| ✓ Wealthworth ave 55 | |
| ✓ Franz ave. 30 | |
| ✓ Cedar. | |
| ✓ West Rose Rd. 30 | |
| ✓ East Rose Rd. 30 | |
| ✓ Ellwood Ave 30 | |

Latham - dam. -

+8. x 150. - for well
above surface.

Mills Canyon
Roomis

80

15

20



Adonis ave Dam.

+8 x 120

at 100 ft. above
new dam.

700 x 12. - above surface.

practically level surface

Figure on two dams
- - -

Peapack ave



Small Canyon to Peapack
above garage



Bullion Plaza new bridge

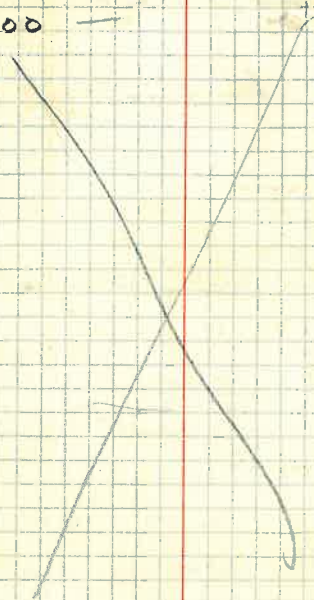
1500 - 70 -

9000

18000

Chisholm ave. -

10 x 100 -



Flood Control Dam

Cooper Ave Canyon

$$\frac{80+20}{2} \times 20 = 37+8 = 45 \text{ Cu yds.}$$

Latham Canyon

$$8 \times 150 = 1200$$

$$50 \times 4 = \frac{200}{1400} = 62.$$

Wells Canyon $\frac{80+20}{2} \times 15 = 40$

Adams Canyon

$$8 \times 120 = 960$$

$$5 \times 60 = \frac{300}{1260} = 60$$

New dam

$$70 \times 18 = 62$$

Peppy Ave Canyon

$$\frac{100+40}{2} \times 18 = 60$$

Arthur St. Canyon

$$\frac{60+20}{2} \times 14 = 40$$

Red Spr. Canyon

$$100 \times 10 = 57$$

$$426$$

Contractors price.

Rubble masonry - \$10

Reinforced Concrete \$20

W.P.A average price \$30.00

426 Cu yds. - at \$30 = \$12,780

Miami Drainage Canal

$$5400 \times 50 \times 2 = 540000 \text{ Cu ft.}$$

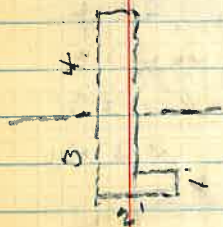
$$= 20,000 \text{ Cu yds.}$$

$$\text{at } \$1.00 = \$20,000.$$

Flood Control.

Live Oak Canyon

797 lin. ft. Reinforced concrete
walls. $\times 8 = 240$ Cu yds
at \$30 = \$7200.



Bridge over Laurel ave.

20 x 20

abutments 22 yds at 30 = 660

Deck. 22 " at 50 = 1100

Cost of bridge \$ 1760

Davis Canyon.

200 ft of walls.

10200 x 10 = 74 Cu yds

at \$30 = \$2220.00



Channel excavation	\$ 20.000
Flood control dam	12780
Live oak canyon	7200
Laurel ave bridge	1760
Davis Canyon walls	2220

Concrete paving	71944
concrete curbs	4545
asphaltic pav. mt	66892

Curbing. - 34480

221821

250000

Unlisted Quantity 246821

→ 3179

250000

Concrete pavement	Sq yds.
Forest Ave + East Rose Rd. 750 x 24 =	2000
West Rose Road 300 x 24	800
Ellwood - Peppy to Fredrick 250 x 20	556
Prospect - Adonis to Hy. School. 640 x 24	1710
Cardova Ave (Post-office) 115 x 34	435
Nash ave. to summit 700 x 20	1556
Miami Ave. (Gibson north) 800 x 24	2133
	9170
Kathams (on hill side) 420 x 24	1120
	10290
Contract price at \$4.60 =	
Exc ⁿ & preparation Subgrad	0.81
6" slab.	2.80
	\$ 3.61

- 360 -

Side curbs along.

Forest ave -	1500 lin. ft.
W. Rose Rd.	300
Ellwood -	250
Cardova	180
Miami ave	800
	<hr/> 3030

3030' curb at .150 = \$ 454.50

Contract price 1.30.

Concrete	Sq yds.
Forest Ave	10290
Koonis 1030 x 30	3350
300 x 40	1330
Sullivan, West end	
530 x 6.62	670
500 x 5	
	<hr/> 15640

Asphaltic Pav. ^{sq}

		sq. yds.
Laurel ave. -	230 x 30	770
Pine St. "	850 x 30	2830
Sullivan St. -	800 x 30	2670
Latham	480 x 24	1280
Mitona	180 x 24	480
Hardy	520 x 24	1380
Hillcrest	630 x 24	1690
Prospect ave.	650 x 20	1440
Muritt St.	1420 x 24	3790
Smith St.	1070 x 24	2850
Keegan	470 x 24	1250
Rose Rd.	500 x 24	1500
Wentworth	600 x 24	1600
Franz	600 x 24	1600
Cedar	200 x 24	530
Reppy	750 x 36	3000
Elwood	400 x 24	1070
Frederick	800 x 30	2670
Bird St.	900 x 24	2400
Rice -	640 x 24	1710
Towler	300 x 24	800
Grandview	380 x 29	1010
Kelley	320 x 29	850
Edward	220 x 29	590
Forward		

Curbs.

460
1620
1600
960
360
1040
1260
1300
2600
2000
600
1000
1100
1120
400
1440
800
1600
1720
1280
600
760
640
440
<u>26700</u>

Latham to Top of Hill.
 Super accy. - Davis
 Canyon to Miami ave
 on S. Sup. add - and
 Pine Oak - North of Smith



Sunny Slope 700 X 24 - 1870
Gregory St. 540 X 24 - 1440

~~Leominster Ave~~
Smelter St 350 X 20 - 780

Highland St. + Vista Mill. 1700 X 20 - 3780

Mill St 270 X 20 60

" " 1200 X 20 270

47780 Sq at 1.40

47780

= \$ 66,892

26700 Forwarded

1160

4000

5700

3280

540

7100

34480

Summary.

1) Channel exc. 20,000 Cu yds at

2) Flood Control dam, 426 Cu yds.
426 Cu yds. Concrete at

3) Live Oak Canyon Flood control
240 Cu yds. Concrete at

4) Laurel ave bridge
22 yds. concrete at
22 " " at

5) Davis Canyon walls
74 Cu yds at

① Concrete paving
15640 Sq. yds. at

④ High curbing
3030 lin ft. at

7 Low Curbs 34480 lin ft at

② Asphaltic Pavement
47780 Sq. yds at

③ Asphalt SE. -

Engineering and incidentals

\$ 1.00 \$ 20,000

\$ 30.00 12780

\$ 30.00 7,200

30. }
50. } 1760

30 2220

4.60 71944

1.50 4545

1.00 34480

1.40 66892

3179

225,000

25,000

250,000

Flood Control

20,000

12780

7200

2220

1760

43960

4545

34480

82,985

Township

71944

66892

3179

142,015

82,985

142,015

225,000

25,000

\$ 250,000

Dec. 13-38 - J.M. Griffin V.D.

Flood wall in
Roanoke Canyon,

abt. 200 ft. S^W of south pt. of Buena Vista

- 0 - east end
- 15 - 7
- 22 - 8.5 East edge of work
- 33 - 7.5 - sand bank.
- 43 - 9 - west edge of work
- 62 00 West end

Leatham Gulch.

Increase of Height of former wall
and additional length.

- Top of wall 6.9
- 30 - East end of wall
- 70 } springway
- 88 }
- 115 - W. end of wall.
- 128 - W. end new wall

Total raise of wall 7 ft.

Adams Gulch.

Increase of Height of former wall
 Train 4' wall 7 ft.

- 00 East end
- 22 - 4' above wall
- 25 - 1' " "
- 52 - west of wall 1
- 65 - } spill way.
- 81 - }
- 86 - west end of wall
- 96 - west end new wall

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Pappy Gulch - New wall -

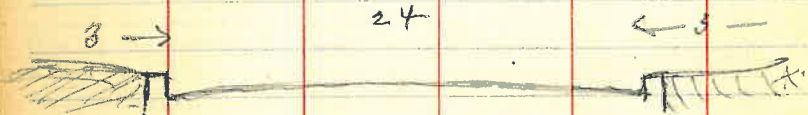
0 - East end - -	00
37 east side mark	10.4
47 west " "	10.8
70	6.8
89	00 -

200 ft. south of south end Pappy one.

Chisholm Gulch -

Increase of Height over former works

- 0 East end
- 11 - east end wall
- 47 } spill way
- 57 }
- 70 west end wall
- 85 west end

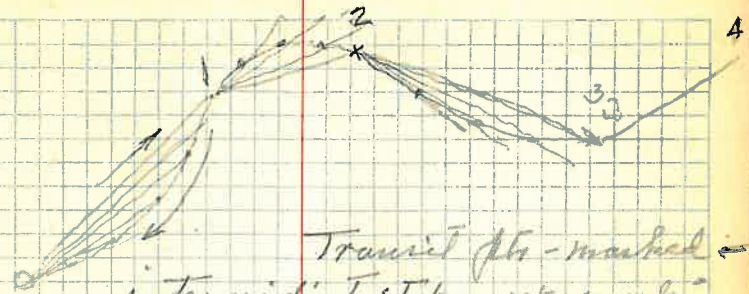


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C.W. V.D.
Road to new shaft. -

O - B.S. - Flag pole on Miami Hosp. l.
try 8% = 4836

1490998



Transect pts - marked -
 intermediate stakes set working
 back from new transect pt
 to transect

V. D. Copper -
Mine road location

- 0 -

5.4.8° W

to st. 1 $\frac{315}{3.45}$

L 6° 16' $\frac{283}{3.45}$

L 13° 25' $\frac{230}{3.45}$

L 14° 20' $\frac{170}{3.45}$

L 18° 04' $\frac{125}{3.45}$

L 21° $\frac{63}{3.45}$

L 4° 0' $\frac{27}{3.45}$

1. R. 195° 20' $\frac{223}{3.30}$

L 8° 20' $\frac{183}{3.30}$

L 19° 50' $\frac{147}{3.30}$

L 36° 40' $\frac{123}{3.30}$

L 46° 05' $\frac{103}{2.30}$

Set 1 - distance
set stake back to 0'

set 40 s. stake out to 40'

to st. 2
S. 63° 20' W

June 8.

L 51° 45'

L 45° 40'

2 R 119° 53'

R 5° 10'

3 R 162° 06'

L 6° 0'

4 R 179° 20'

L 3° 20'

L 3° 00'

5 R 269° 40'

L 17°

6

$\frac{72}{3.30}$

$\frac{30}{3.30}$

59 S. 3° 10' W set 3 -

$\frac{36}{1.0}$

52. set 4 S. 14° 41' E

$\frac{26}{1.0}$

35 set 5 S. 15° 21' E

$\frac{75}{0.0}$

$\frac{37}{0.0}$

48 S. 74° 19' W

$\frac{30}{0}$

N 48° 0' E
195° 20'
243 24
780
5 53 25 W

117 50
183 10
3 17
1162 06
26.5 10

180
74 19 W

315
203
59
52
81
7.314

6. R. $212^{\circ}40'$ $\frac{220}{-4.8}$ $N 74^{\circ}00' W$ $N 74^{\circ}19' E$

L. $0^{\circ}40'$ $\frac{168}{4}$

L. $2^{\circ}40'$ $\frac{112}{4^{\circ}}$

L. $1^{\circ}40'$ $\frac{83}{4^{\circ}}$

L. $4^{\circ}20'$ $\frac{65}{4^{\circ}}$

L. $11^{\circ}20'$ $\frac{41}{4^{\circ}}$

L. $6^{\circ}00'$ $\frac{22}{4^{\circ}}$

7 R. 105° $\frac{41}{-1^{\circ}30}$ $S. 31^{\circ}00' W$

R. $7^{\circ}40'$ $\frac{30}{-1^{\circ}00}$

8 R. $203^{\circ}42'$ $\frac{72}{0}$ $S. 54^{\circ}42' W$

L. $18^{\circ}15'$ $\frac{58}{0}$

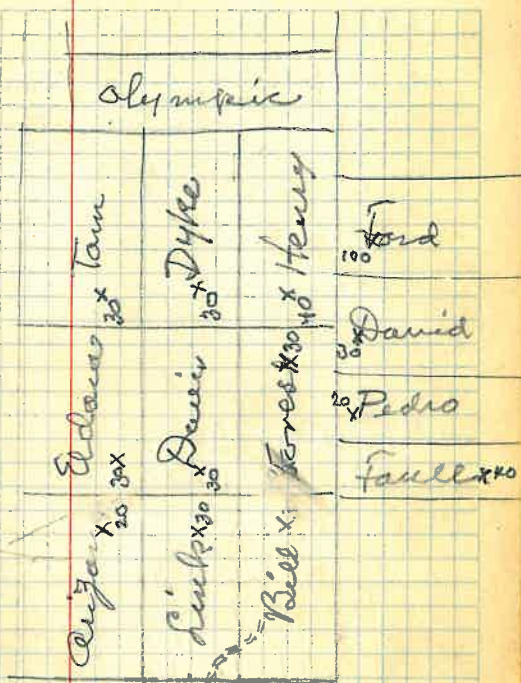
L. 35° $\frac{50}{0}$

L. $45^{\circ}40'$ $\frac{35}{0}$

9

500 ft

all Edward's Ranch



$\frac{54}{265} \frac{43}{42} E$
 $\frac{320}{180} \frac{23}{23}$
 $\frac{140}{179} \frac{23}{60}$
 $\frac{39}{37}$

O = abt 715 S. side
 of gate in 1/4 land fence
 N. & S.

9- R 265°40' $\frac{240}{\sqrt{130}}$ N 39°37' W

L 1°30' $\frac{2.22}{\sqrt{1.30}}$

L 3°45' $\frac{2.05}{\sqrt{1.30}}$ 30' N. 20' W
Measurements

L 5°45' $\frac{1.68}{\sqrt{1.30}}$

L 10°20' $\frac{1.30}{\sqrt{1.30}}$

L 15°30' $\frac{.93}{\sqrt{1.30}}$

L 17°40' $\frac{.58}{\sqrt{1.30}}$

L 21°20' $\frac{2.6}{\sqrt{1.30}}$

10 R 193°45' $\frac{122}{\sqrt{1.30}}$ N 25°53' W

L 7°20' $\frac{.92}{\sqrt{1.30}}$

L 21°40' $\frac{.61}{\sqrt{1.30}}$

L 32° $\frac{2.0}{\sqrt{1.30}}$

June 9-39

21

~~11. R 183°46' $\frac{186}{\sqrt{1.30}}$~~

~~L 4°20' $\frac{1.47}{\sqrt{1.30}}$~~

~~L 21° $\frac{1.15}{\sqrt{1.30}}$~~

~~N 25°52' W
183°46'
187°54'
179°48'
N 22°46' W~~

11. R 172°55' $\frac{21}{\sqrt{1.30}}$ N 32°58' W

12 R 172°40' $\frac{123}{\sqrt{1.30}}$ N 20°18' W

L 4°40' $\frac{1.20}{\sqrt{1.30}}$

L 12°40' $\frac{.90}{\sqrt{1.30}}$

L 30° $\frac{.60}{\sqrt{1.30}}$

L 40°20' $\frac{.36}{\sqrt{1.30}}$

L 46°20' $\frac{.16}{\sqrt{1.30}}$

13- R 189° $\frac{145}{\sqrt{1.30}}$ N 11°18' W

L 1°20' $\frac{1.17}{\sqrt{1.30}}$

L 9°20' $\frac{.87}{\sqrt{1.30}}$

L 19°20' $\frac{.53}{\sqrt{1.30}}$

14 R 175° 20' $\frac{176}{1.0}$ N 15° 58' W

R. 8° 10' $\frac{28}{1.0}$ N 10° 00' W

15 R 108° 14' $\frac{252}{2.20}$ N. 87° 04' W

L 1° 0' $\frac{200}{2.20}$

L 4° 0' $\frac{160}{2.30}$

L. 8° 0' $\frac{134}{2.30}$

L. 8° 0' $\frac{88}{2.30}$

L 3° 0' $\frac{41}{2.30}$

16 R 176° 26' $\frac{192}{2.30}$ S. 89° 22' W

L 1° 40' $\frac{157}{2.30}$ { old monument.

L 4° 20' $\frac{120}{2.30}$

L 8° 0' $\frac{80}{2.30}$

L 14° $\frac{35}{2.30}$

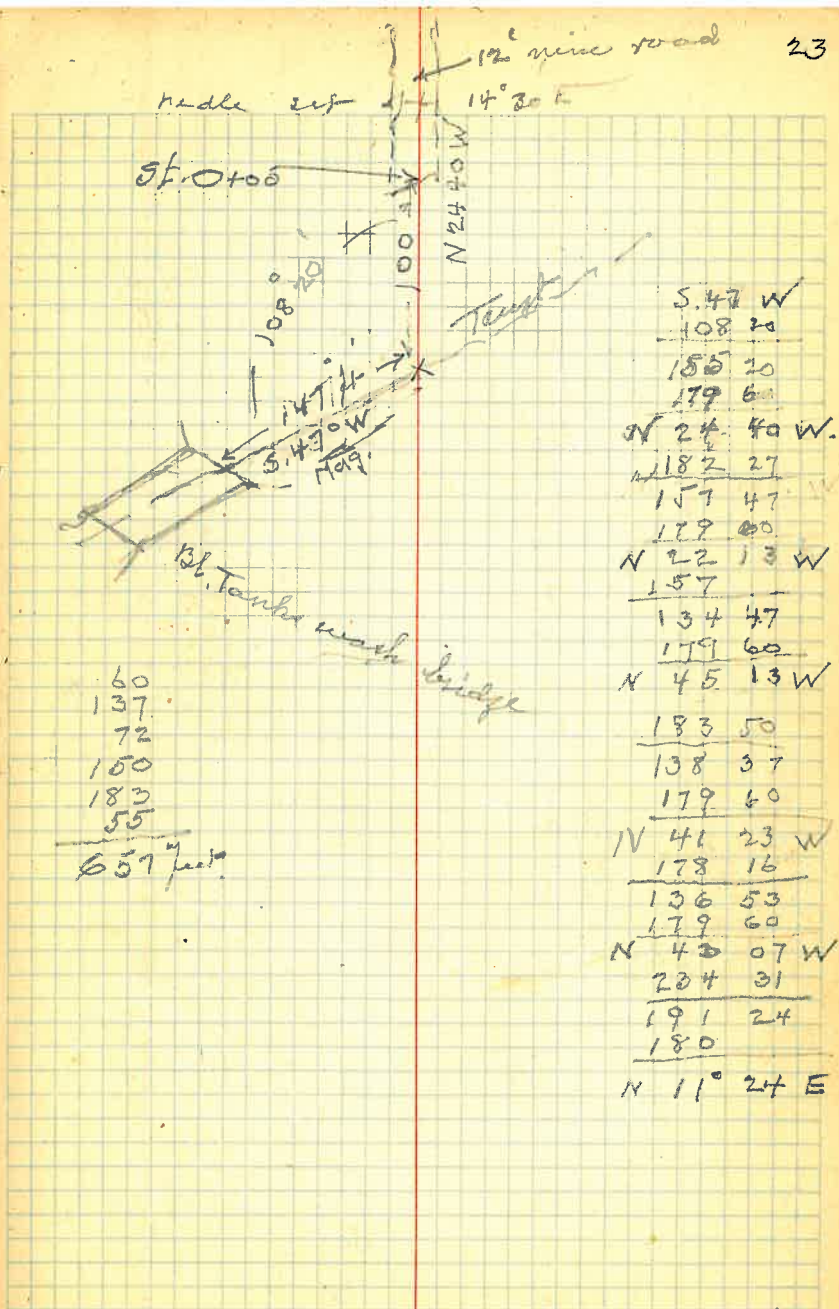
17 Net Top of Ridge.

June 20 - 37

Road locⁿ over I.W.W. claims

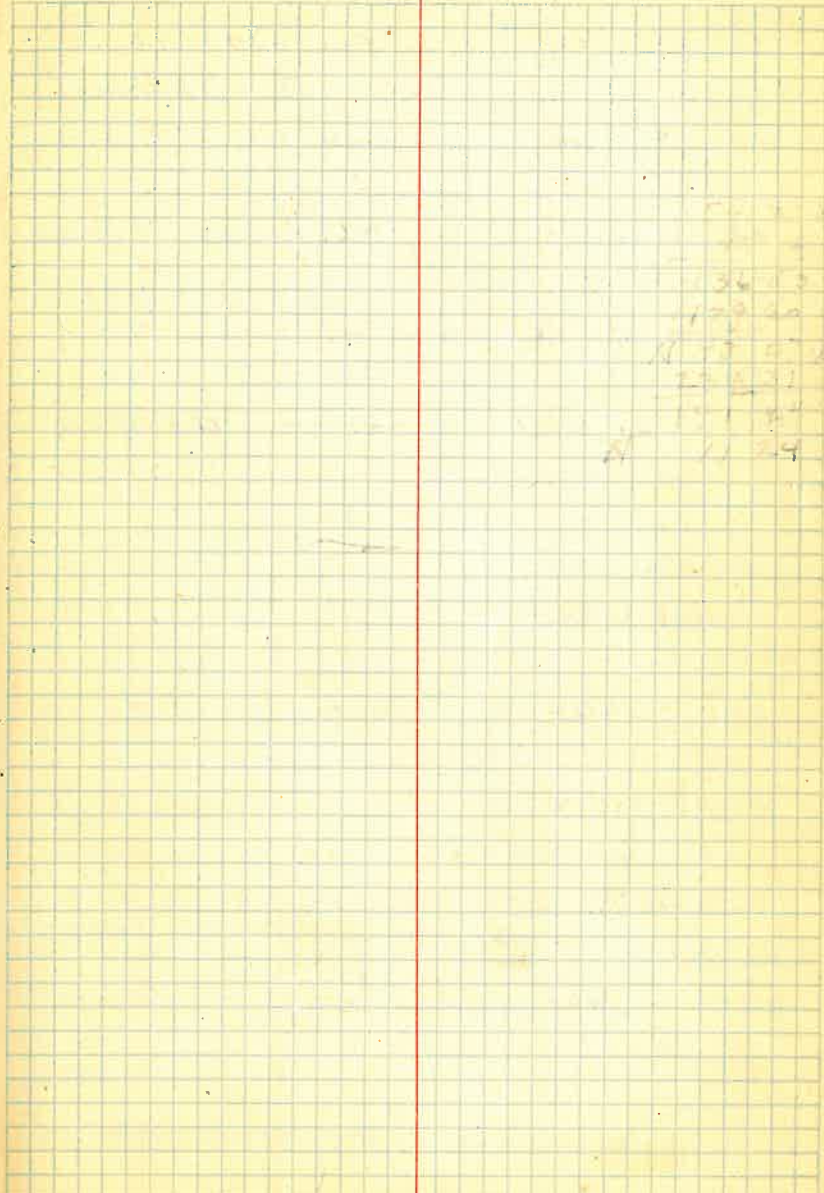
0-		60	N. 24° 40' W
st. 1	R. 182° 29'	$\frac{137}{2^\circ}$	N. 22° 13' W ^{set} 2
	R. 3° 20'	90	
	R. 7° 40'	62	
	R. 3° 35'	35	
	R. 16° 20'	15	
2	R. 157°	$\frac{72}{3^\circ 10'}$	N 41° 13' W
	R. 2° 10'	46	
	R. 5°	25	
?		1	
3	R. 183° 50'	$\frac{150}{2^\circ 30'}$	N 41° 23' W
	R. 1° 40'	125	
	R. 2° 10'	105	

1490926



149026

	L 6°45'	80	
	L 7°30'	62	
	L 11°40'	42	
	L 14°20'	24	
4	R 178°16'	$\frac{183}{4^{\circ}10'}$	N 43°07' W
	L 3°20'	153	
	L 5°20'	126	
	L 15°40'	93	
	L 21°40'	63	
	L 32°	38	
	L 36°20'	15	
5	R 234°31'	$\frac{55}{1^{\circ}30'}$	N 11°24' E
	R 16°40'	36	
	R 2°	24	



Enter in Rock Formation.

orig. 4-167 misc Rec.
Sept. 9/13 - 1917.

Mills Site

Patricio Montez & Dominick Venetti.
Cov. at mon. of stone of said Seventy
Two Millsite - westerly $466\frac{1}{2}$ ft to mon.
at N.W. cor. - southerly $466\frac{1}{2}$ ft to mon.
at S.W. cor. - easterly $466\frac{1}{2}$ ft to mon. at SE cor.
- northerly $466\frac{1}{2}$ ft to mon. at N.E cor.
Locⁿ at T₂ spring, abt. 3 miles N.W. of
Old Cross S. Ranch, - $2\frac{1}{2}$ miles S. of East R.,
- 6 miles N.E. of Chrysothila - abt. 45 miles
N.E. of Globe

Witnesses

July 7 - 1923

Jesus Villalobos

Manuel Salcido.

38-15 White Cloud N^o-1

Dominick Venetti Patricio Montez.

1500 NE^{ly} - Claim runs 200 ft. NE^{ly} ✓
& 1300' S.W^{ly}. from discovery. - 600 ft wide.
45 miles NE of Globe - 2 miles N.W. of
Cross S. Ranch on the old 72 trail at
mouth end of Bald Head mountain whose
slope is drained by tributary to Salt R.
July 7 - 1923. -

McQueen district

38-16 White Cloud N^o-2

Pat. M & D.V. - July 7 - 1923. ✓

1400 N^{ly} and 100 S^{ly}

45 miles NE^{ly} of Globe - $1\frac{3}{8}$ miles N.W.
of Old Cross S. Ranch, abt. 6 miles from
Ariz. asbestos association on Ash Cr. in
N^{ly} direction

38-5 Florence N^o-1. -

P.M. & D.V. July 7 - 1923

750 in NE^{ly} and 750 in a W^{ly}.

45 miles N.E. of Globe, and adjoins
on west, Sloan, Ripley and Sumner. White
Cloud N^o-3 claim located Bald Head Mtn
abt. 3 miles N.W. of Old Cross S. Ranch and
 $2\frac{1}{2}$ miles S. of Salt R.

38-6 Florence N^o-2.

P.M. & D.V. July 7 - 1923

750 in E^{ly} & 750 in W^{ly}

45 miles NE^{ly} of Globe, adjoins on the west
the Sumner, Ripley and Sloan White N^o-3
loc. on Bald Head Mtn, abt. 3 miles N.W.
of Old Cross S. Ranch & $2\frac{1}{2}$ miles S. of Salt R
and adjoins Florence N^o-1

- Phillip's Claims. -

46-56 Wander Mine, June 24-31

P.J. Wagner & Guy Phillips

750 Eastern & 750 Western

1 mile eastern from 72 Springs and
1½ miles western from Salt R.

46-53 Big Forest

P.W. & G.P. June 24-31

1000 northern & 500 southern

1¼ mile in a northern from 72 Springs
and 2 miles S. of Salt R.

46-54 Lodder No. 1

P.W. - G.P. July 1-31.

100 in northern & 1400 in southern
1 mile eastern from 72 Springs and
2 miles west of Salt R.

46-55 Lodder Mine No. 2

P.W. and G.P. June 24-31

750 ft. in eastern & 750 in western
1¼ mile in eastern from 72 Springs
2 miles west of Salt River,

Dominick Claims.

26

38-3 Estrella No. 1 July 7-2

Patricio Montez & Dominick Deane

700 eastern & 750 western, W. Miller Dist.

45 miles NE^W of Globe and adjoins
on the west the Summer, Ripley, and
Glean White Cloud No. 3, London Bald
Head Mtn. abt 3 miles NW of Old Cross S.

Ranch & 2¾ miles S. of Salt R. adjoins and
parallels the Florence No. 2
old luster Robert J. Schlack
Estrella No. 2.

38-4 P.M. & D.V. July 7-23

750 E^W and 750 W^W W. Miller Dist.

45 miles NE^W of Globe, adjoins on the
N. the Summer, Ripley, Glean White Cloud
group on Bald Head Mtn. about 3 miles
NW of Old Cross S. Ranch and 2¾ miles
S. of Salt R. and adjoins parallel the
Estrella No. 1

38-12 Grand View No. 4 July 7-23

1250 NW^W & 250 S.E^W

45 miles NE^W of Globe, and 1¼ miles NW^W
from Old Cross S. Ranch

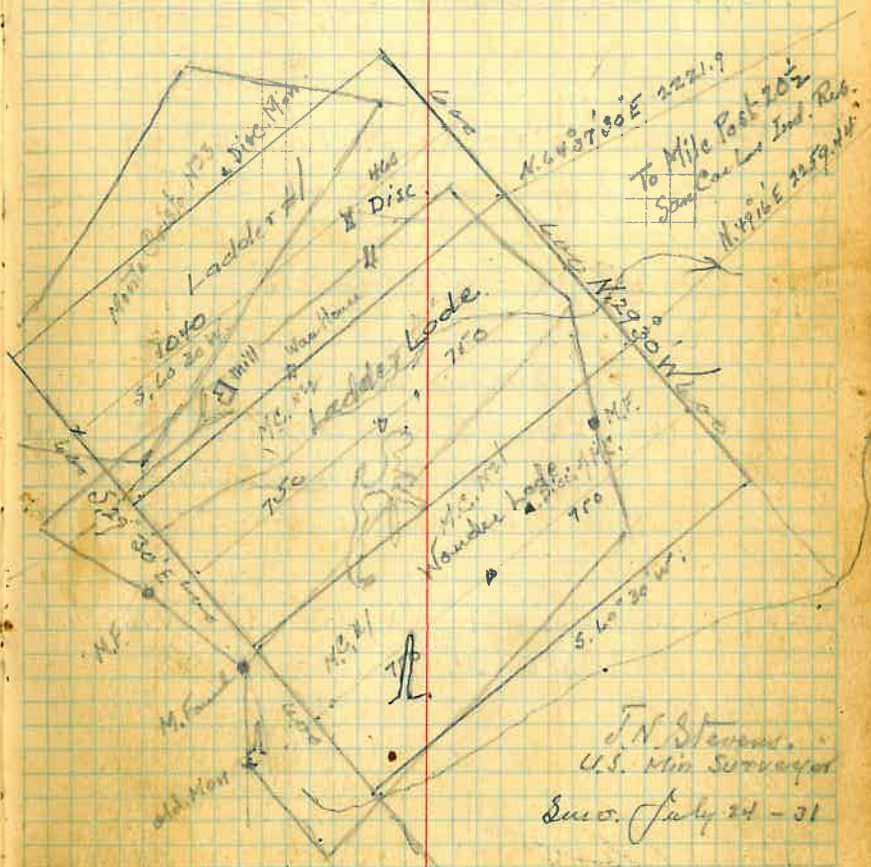
38-13 Grand View N=5. July - 27.
 P.M. + D.V.
 750 NE^{ly} & 750 SW^{ly} connecting
 with Claim N=2
 45 miles NE of Globe and abt
 1 1/2 miles NW from Old Cross S. Ranch

38-14 Grand View N=6. July 7-27
 P.M. + D.V.
 900 in NE^{ly} & 600 in SW^{ly}
 45 miles NE^{ly} of Globe and about
 1 1/2 miles NW^{ly} from Old Cross S. Ranch
 This is the fraction of a claim fitting
 in the space between N=3 & N=5

38-17 White Cloud N=3 July 7-27
 P.M. + D.V.
 300 NE^{ly} & 1200 SW^{ly}
 45 miles NE^{ly} of Globe and abt 1 3/4 miles
 N.W. of Old Cross S. Ranch, abt 6 miles NE
 of Ariz. Asbestos Association in Ash Co.
 on N.W. point of Bald Head Mtn.

1490028

38-18 White Cloud N=7 July 7-27
 P.M. + D.V.
 750 E^{ly} and 750 W^{ly}
 45 miles N.E. of Globe and 1 1/4 miles
 N.W. of Old Cross S. Ranch and abt
 6 miles N.E. of Ariz. Asbestos Association
 and on top of Bald Head Mtn.



Thursday Aug. 29 - 1940
 K.C. N^o 2 -
 Tunnel work done - 105 ft.
 Disc. of tunnel
 by D.V.

Aug 30 - 40
 Meander lines & Ties - Mag.
 N^o 1 - west end - $\frac{507.90}{0.45} = 507.85$
 N.83°38'30" E

to N^o 2, - $\Delta 147.30$ - Dist 70.01 to
 pt. on survey line.

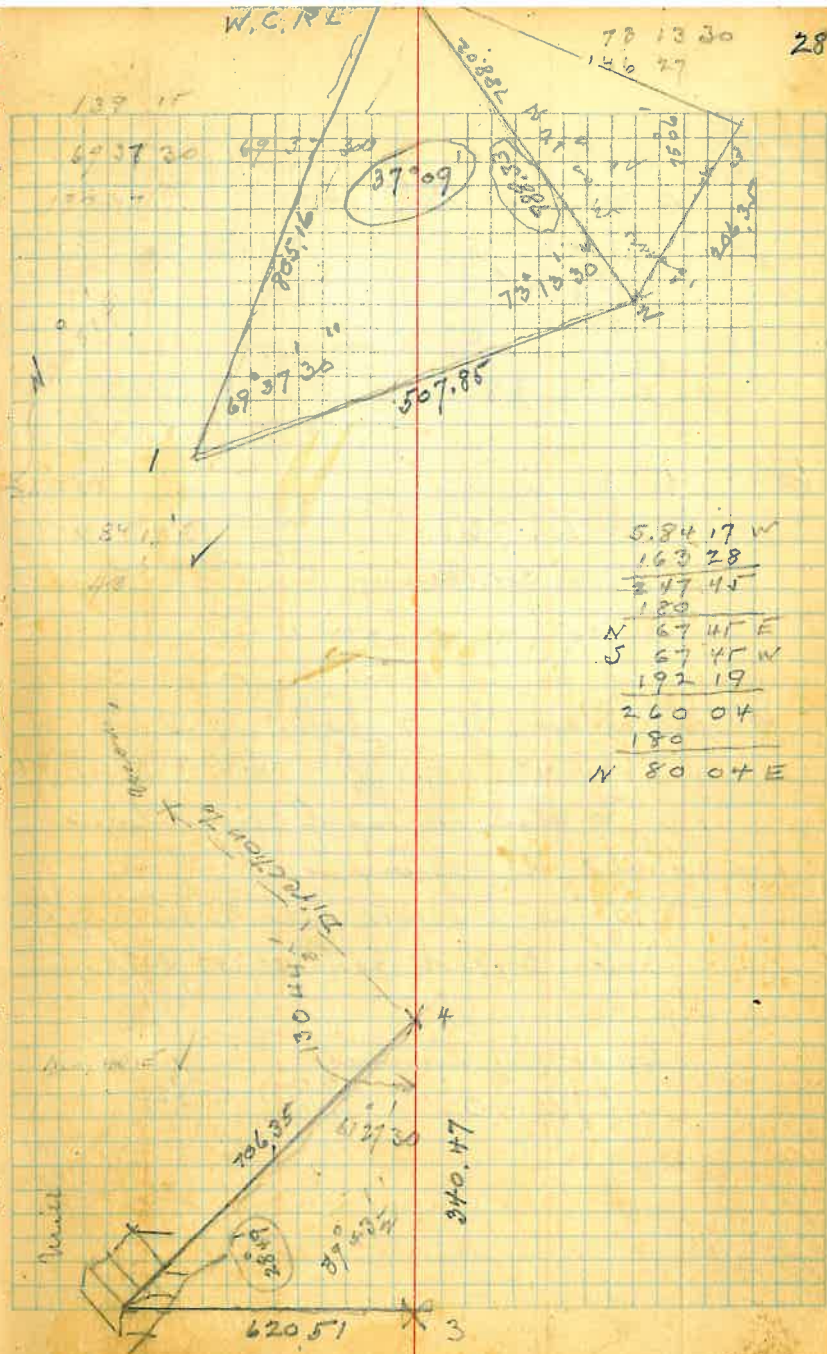
1 pt. lying on a pt. on a former
 survey line.

99°17' survey line N^o 3
 100°42'30" Chain cor to N. -
 see triangulation from
 1. and 2. -

N^o 2 sight on N^o 1 RA 163°28' N.67°06'30" E
 206.35 to

N^o 3 $\Delta 192.19$
 $\frac{351.94}{14.40} = 340.47$ N79°25'30" E

N^o 4 set 4



pt. 4 Sight on 3.
 Δ 5 L. $51^{\circ}28'$ $\frac{539.68}{15^{\circ}30'}$ + 5.40
 = 520.05 $\frac{1}{2}$ post. $\frac{\text{Total}}{525.45}$

5 \rightarrow to W.E. Cr. Wander Mine

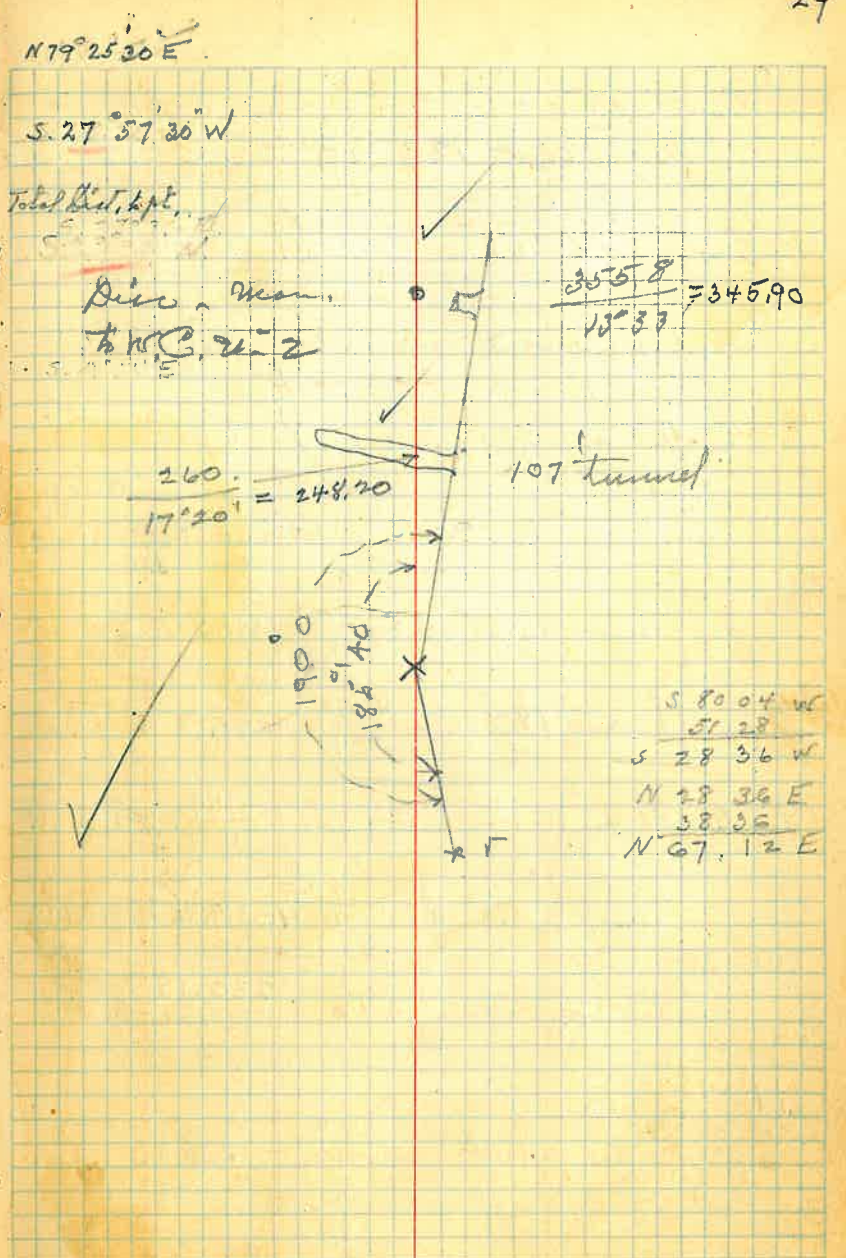
Δ R. $38^{\circ}36'$ $\frac{135.1}{5} = 135.80$
 Aug. 31 40 $N66^{\circ}33'30''$ E

6 to pt. in trail.
 Δ L. $72^{\circ}03'$ $\frac{383.45}{36^{\circ}13'}$ = 309.36
 $\frac{1}{2}$ SE cor. Wander $55^{\circ}29'30''$ E

6 Sight on 5. = of above.
 $195^{\circ}40'$ $\frac{355.8}{15^{\circ}33'}$ = 345.90 $N74^{\circ}47'$
 To Man. on top of cliff above old discovery.

199° as by sects face of discovery also by sects portal of 107 ft tunnel

top of 107 tunnel
 185.40 $\frac{260}{17^{\circ}20'}$ = 248.20



Base line N.W. from N=1
1362 N.84°17'E

TT. at N=1 — from 2
Turn Left 136°20' Mag. N.52°41'30" W

$$\begin{array}{r} 582.10 \\ \underline{5^{\circ}17} \\ \text{Set 7} \end{array} = 579.63$$

Sunday Aug. 31-1940 — Rain, No fieldwork

7 — Sight on N=1 —

Turn L. 95°02' — 617 ft. to old Mon.

Turn L 28°40' 30" $\frac{46.40}{14^{\circ}37} = 44.90$ to 8 ^(5304320 E)

Turn 180°00' — $\frac{41.9}{12^{\circ}40} = 40.88$ to 9

9 — Sight on N=1 — L 107°30' — $\frac{291.9}{4^{\circ}05} = 291.2$

Turn R. 168°57' $\frac{199.75}{11^{\circ}40} = 195.61$ to N=10

10 — Sight on 9
Turn R 144°47' $\frac{230.15}{60} = 3.84$ to 11

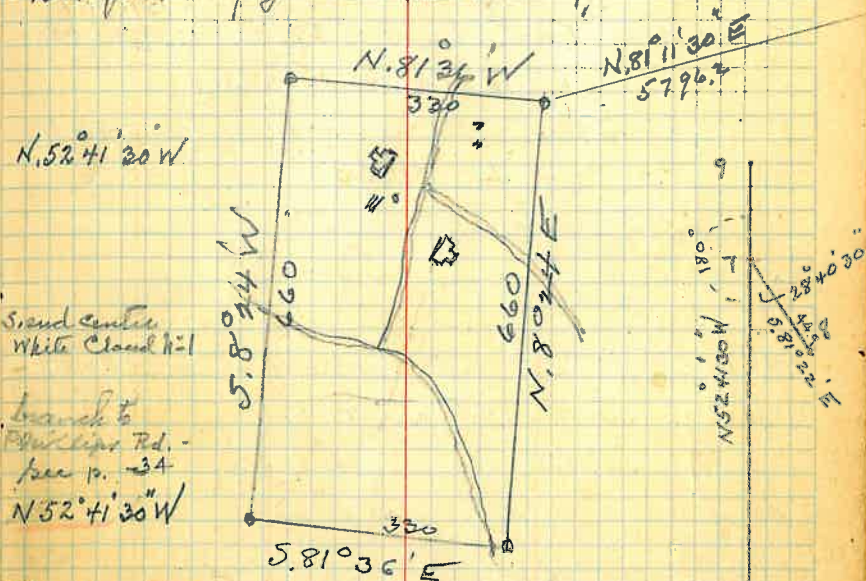
11 — Sight on 10
R. 174°17' $\frac{327.8}{6^{\circ}15} = 325.85$

to Hill on NE side of Road

To page 32

Wonder 9121
Guy Phillip, July 13-1937
750 West — 750 E. 13620 30

Set pt. N. of gulch + West camp.



Sand center
White Cloud Hill

branch to
Phillips Rd.
see p. 34

to monument = N.W. cor
White Cloud Hill

N.63°44'20" W

S.81°02'30" W

S.75°19'30" W

X N=1

Thursday - Sept 4 - 40

Tr. at N23. (P.28)

Sight on 2. Turn 75° 06' to pt. top page 28

Turn L. 44° 29' 30" $\frac{154.44}{15.53} =$
to S. cor. Wom. & Ladder

235.190 =

L. 46° 37' $\frac{15.53}{15.53} =$

To old manit.

Lat 33° 43' 40"

S. 67° 45' W	75.06'		
0m 3	#3	Sight on 2	Thursday
		to Sun	Sept 5
148.54	8 32	30° 39'	145 13
	8 37	32° 03'	145 07 30"
226.90	8 34.30	31° 21'	145 10 15"
	8 44	32° 17'	143 16"
	8 46	32° 59'	143 27 30"
	8 48	33° 27'	143 21 45"
	8 54	34° 29'	142 07"
	8 56	35 12'	141 02"
	8 hrs 5m	35 25' 30"	141 34 30"

12	sight on 11	R. 126° 08'	$\frac{235.1}{5.40} = 233.95$	N=13
12	sight on 11	- 180°	- 81.42	to pt. SW of road
13	sight on 12	L. 96° 34' 30"	$\frac{148.25}{7.24} = 147.02$	
14	sight on 13	R. 160° 29' 30"	$\frac{141.11}{1.30} = 141.07$	
15	" 14	R. 158° 28'	$\frac{203.45}{0.0}$	
16	" 15	R. 169° 10' 30"	$\frac{335.31}{0.0}$	
17	" 16	L. 106° 09' 30"	$\frac{255.20}{-2.50} = 254.9$	
Sept. 7 - 40				
18	" 17	R. 140° 00'	39.0	
18	" 17	R. 135° 42'	$\frac{199.4}{0.145} = 198.38$	
19		L. 155° 42' 30"	$\frac{158.0}{2.50} = 157.81$	
20	19	R. 117° 28'	$\frac{165.35}{2.52} = 145.20$	
21	20	180°	$\frac{165.10}{1.03} = 165.0$	

S. 75° 19' 30" W

Disc. Manuf. Florence Rd - abt 250 W. H. date.

S. 75° 19' 30" W

To Surveyors Meander pt along Philip rd.
N. 21° 15' W.

N. 40° 44' 30" W

N. 62° 16' 30" W

N. 73° 06' W

N. 0° 44' 30" E

17 = 28 Survey old meander
N. 0° E

To Stone Man. top of flat rocks, pt
SE. cor. of mill site.

N. 43° 33' 30" W

N. 19° 16' W

To pipe in Cement for NE cor Mill site = 20

N. 81° 48' W

Set 21 W. side of road

N. 81° 48' W

Set 22

22 - 21 R 85° 52' $\frac{256.0}{4.40}$ 255.16 S 4° 04' W
 23 - 22 L 147° 48' 30" 103.90 S 36° 15' 30" W
 24 23 R 173° 06' $\frac{173.1}{0.0}$
 24 23 R 102° 54' $\frac{478.90}{1.30}$ 478.44 S 40° 50' 30" E
 25 24 L 40° 57' 20" 330.0 N 81° 48' W
 25 24 L 167° 3' 286.45 ✓
 ✗
 25 - 24 L 167° 3' 286.5 S 40° 51' E
 S 27° 54' E
 25 A 24 R 148° 10' 65.0 S 59° 04' E
 25 B 25 C L 159° 16' 329.0 S 38° 20' E
 25 C 25 D R 161° 45' 431.6 S 56° 35' E
 Discovery L 108° 40' 162.0 S 14° 45' W

to 23 on N. side of Phillips Rd

to 24 at fork of roads.

to Stone man. = NW cor 72 Mill site,

Pipe set for SE cor Phillips Mill site. set

to pipe set for SW cor Phillips Mill site

to Stone Man. SW cor 72 Mill site.

Jan. 9 - 41

Stone man. = 25 A

Mag. S 58° E

Set 25 B, W edge road

S 38° 20' E

Set 25 C.

S 56° 35' E

Set 25 D

Discovery Florence N-2 - -

Sept-7-1940

along Phillips Road to Mill.

Note = Return This - page 35-

- 7 - 1
L. 28°40'30" - 44.90 $\frac{1}{2}$ ft. 8 S. 80°43'20" E
- 8 - 7 - R. 166°32'30" $\frac{260.87}{18°35'}$ $\frac{247.24}{18°35'}$ N 85°49' E
- 26 - 8 R. 164°35' $\frac{94.18}{0.00}$ N 70°24' E
- 27 - 26 L. 175°51'30" $\frac{442.18}{4°40'}$ $\frac{441.54}{4°40'}$ N 70°23'0" E
- 27 - 26 R. 3°15' 160
- 28 - 27 R. 161°30' $\frac{184.07}{5.52}$ $\frac{183.11}{5.52}$ N 52°02'30" E
- 29 - 28 L. 50° $\frac{160}{120.4}$ 152.6
- 29 - 28 L. 39°40' $\frac{200}{8°15'}$ 195.9. $\frac{181.80}{8°15'}$
- 29 - 28 R. 184°35'30" $\frac{227.22}{5°42'}$ $\frac{226.13}{5°42'}$ N 60°38' E
- 30 - 29 R. 172°00' $\frac{241.07}{9°20'}$ $\frac{237.98}{9°20'}$ N 52°38' E

Sept 28-40

Stadia

Stadia

Jan 10 20

to pits in Road (26)

to Clasim cor. Phillips # 28

old cut in N. bank of wash, $\frac{2}{2}$ to be
Disc. of White Cloud N:1.

set 29

6' to tunnel 1
x East tunnel 14 SE $\frac{24}{24}$ (by Comp. 4)

w N. ... n = 6 feet, - post 8'
Disc. of W. C. N:1 - 2

w Man. above W. tunnel.

set 30 at mill

N 41° E
set 31

Sept. 8 - 40

28 - 27	R. 116°54'	$\frac{267.4}{17.8}$	25.6
28 - 27	L 4°30'	$\frac{184.5}{2.4W}$	
29 - 28	L 75°23'	$\frac{141.4}{17}$	135.2
31 - 30	R. 187°57'30"	$\frac{346.36}{1236}$	N. 60°35'30" E
31 - 30	R. 181°45'	$\frac{278.4}{12.30}$	226.94
32 - 31	R 179°50'30"	$\frac{317.42}{20.10}$	297.96 N 59°47'30" E.
33 - 32	L 41°05'	$\frac{179.0}{16.6}$	171.98
33 - 32	R 196°02'30"	$\frac{237.26}{18.11}$	225.41 N 85° E.

Meander to Monte Cristo 2

33	32, R. 56°54'	32.22	N 61°30' W
	R 166°57'	$\frac{125.20}{8.06}$	123.9 N 77°21'30" W
	R 185°35'30"	$\frac{83.95}{9.06}$	82.6 N 71°46' W
	R 152°27'	$\frac{94.9}{2.30}$	94.8 S. 80°41' W
	R 101°00'	33.	S. 20°19' W.

old monument.

Stone Mon. - paper says Wonder N-1.

Disc. of Wonder mine. open cut.

set 32 (32 E 31 Base line)

Phillip Loc. Mon. - Monte Cristo 2

set 33

Disc. open cut Monte Cristo 2.

N. cor betw. Ladder & Wonder.

20'
To tunnel opening - Monte Cristo 2 -

1490086

Sept 11. - 40
Return from p- 34

- 7 - 1 L 28°40'30" - 44,90 S 81°22' E
- 8 - 7 R 166°33' $\frac{260.95}{18^{\circ}22'} = 247.66$ N 85°11' E
- 26 - 8 R 164°34'30" $\frac{94.55}{1^{\circ}00'} = 94.53$ N. 69°45'30" E
- 27 26 R 184°09'30" $\frac{442.92}{4^{\circ}44'} = 441.14$
N. 73°55' E
- 28 27 R. 161°29' 30" $\frac{184.09}{5^{\circ}55'} = 183.11$ N. 55°24'30" E
- 29 28 R 184,35 $\frac{227.22}{5^{\circ}43'} = 226.08$ N. 59°59'30" E
- 30 29 R. 172°00 $\frac{241.04}{9^{\circ}19'} = 237.86$ N. 57°59'30" E
- A 31 30 R. 187°57'30" $\frac{346.42}{12^{\circ}38'} = 338.03$ N. 59°57' E

A 22

bet 8

bet 26,

- 27

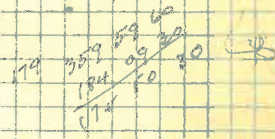
to 28 = patent claim cor.
N. 77°57' E

bet - 29 N. 10

bet 30 -

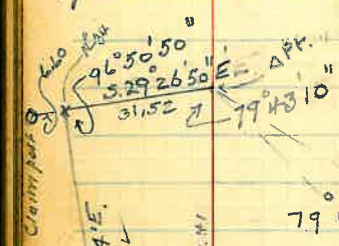
31

bet 32



Sept 11 - 40

$\Delta 32 \quad 31 \quad R \quad 187^{\circ}27'15'' \quad \frac{557.50}{19^{\circ}33'} = 519.71 \quad N.67^{\circ}24'E$
 pt - 32 R $83^{\circ}09' - 6.60 \quad N.29^{\circ}27'W$
 pt - 32 R $10^{\circ}00' \quad \frac{237.53}{16^{\circ}40'} = 227.17 \quad \text{Maximum}$
 pt 34 32 L $96^{\circ}50'50'' \quad 31.52 \quad 5.292650E$



$96^{\circ}50'50''$
 $79^{\circ}43'15''$
 3.26
 $180^{\circ}00'05''$

$79^{\circ}43'10'' : 96^{\circ}50'50'' = 519.70 : X$

2.7157527
 9.9968913
 2.7126440
 9.9929711
 $2.7196729 \quad 524.47$

519.70
 $N.67^{\circ}24'E$
 $2.7196729 = 524.47$
 $S.70^{\circ}50'W$

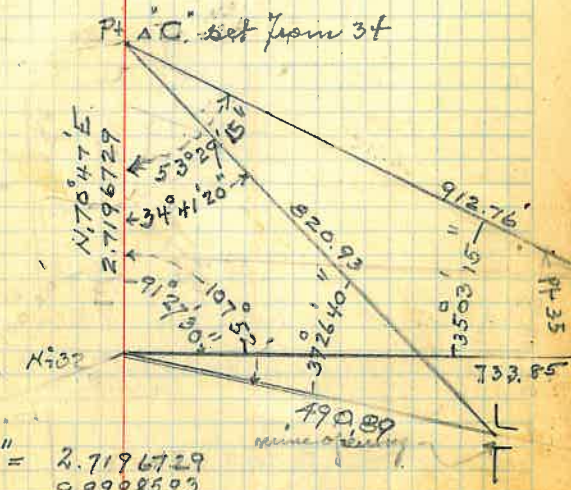
$\Delta 32$

$96^{\circ}50'50'' 37$

$79^{\circ}43'15''$

Set pt 34 at New post.

Intersection with S line pat + claim -
 6.60 SW of claim post
 To 33 - page 35. =



$35^{\circ}03'15'' : 91^{\circ}27'30'' = 2.7196729$
 9.9998593
 2.7195322
 9.7591771
 $2.9603551 = 912.76$
 $37^{\circ}26'40'' : 107^{\circ}52'' = 2.7196729 : x$
 9.9785334
 2.6982065
 9.7838978
 $2.9143085 = 820.93$

34 - 32 - R. $93^{\circ}57'$ } ✓ mag. N18.15W
 30 - 31 L. 28.47 } ✓
 A 34 R. $41^{\circ}52'$ ✓

A 34 L. $2^{\circ}30'$ - 28.5 ✓
 A 34 L. $2^{\circ}30'$ 50.0 ✓

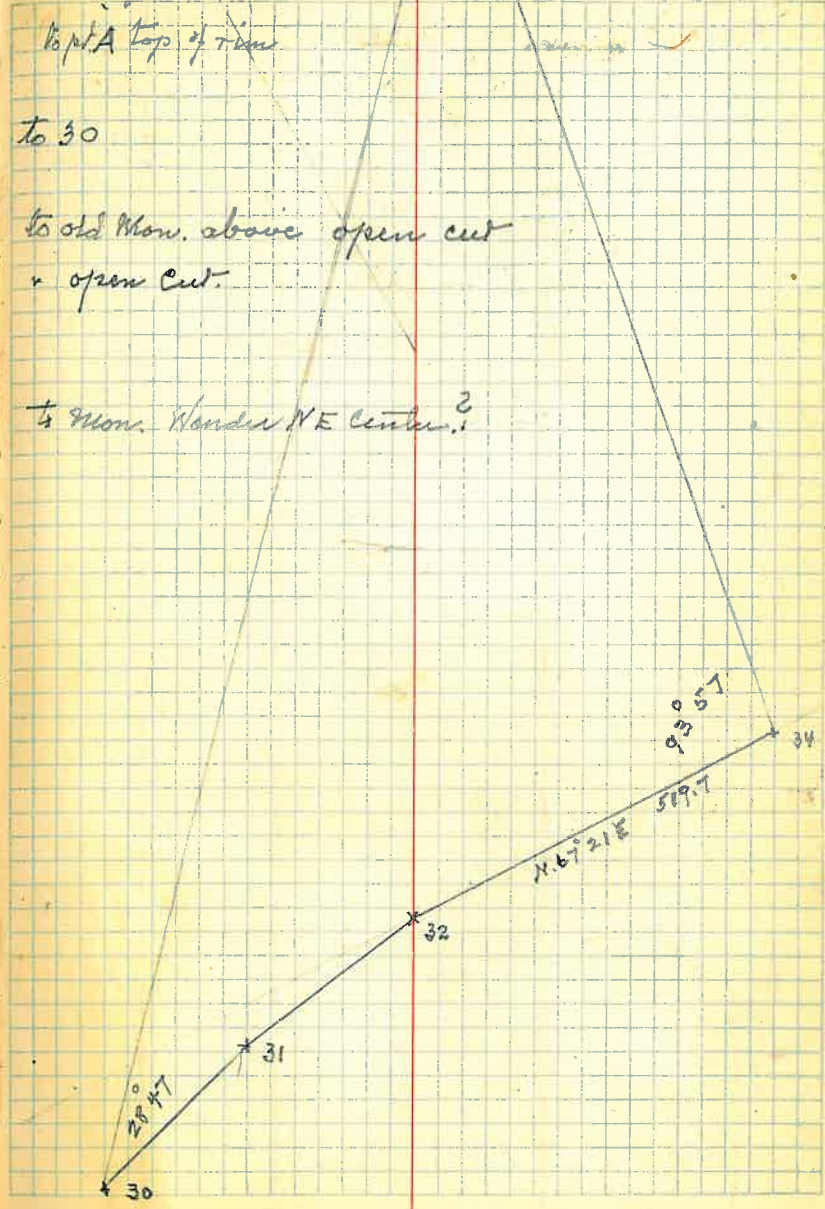
Δ 32 R. $45^{\circ}07'$
 30 - 31 L. $41^{\circ}43'$

A - 34 R. $85^{\circ}44'$ 76.4 5 ft. ✓
 pt - 8 R. $115^{\circ}44'$ 24.6 to old mon. ✓
 paper for M.C. #5. ✓

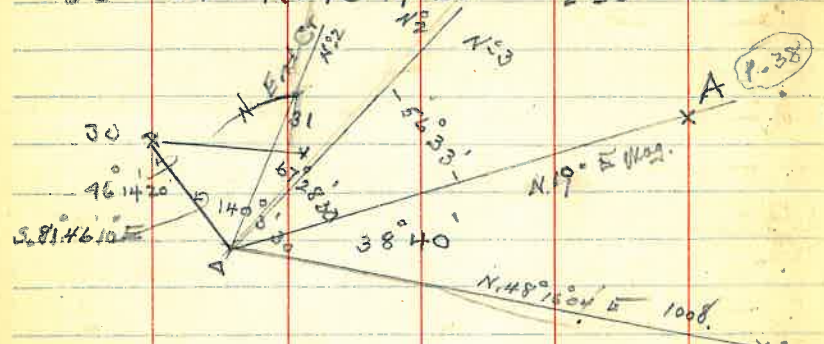
A - 34 R. $109^{\circ}58'$ N. $89^{\circ}W$
 A - 34 R. $98^{\circ}01'$ to N. center M.C. #3
 Mon. below M.C. #43 $5.57^{\circ}30'W$

A - 34 - R. $90^{\circ}03.00'$ $5.68^{\circ}30'W$
 center M.C. #2

A
41°52'
34



30-31 R. $46^{\circ}14'20''$ $\frac{103.12}{2^{\circ}50'} = 103.$



Δ A $174^{\circ}02'$ direction to Mon. 14E 2

A pt.:

Sept. 14 - 40

10 - 9 L 60° 37' 10" 495.80 to Δ

10 - Δ L 67° 39' 30"

10 Δ L 53° 14' 30"

10 Δ L 41° 53' 30"

Δ 10 R. 68° 04' 30"

Δ 10 R. 89° 40'

Δ 10 R. 111° 51'

Δ 10 R. 123° 45' 30"

N. Joint cor.
M.C. 2+3 page 38

A R. 63° 43'

(cor. to A = Mag. N 80° 15' E)

Same place A L. 87° 51'

132.6
2° 30'

point N. Joint cor. R. 171° 20'

187.2
8° 20' = 184.8

N. center B to A mag 5.88 E

N. 43° W mag

N. 55° 38' 20" E

Mag

to N.W. cor. M.C. No 1

N 11° 30' W

to N. center M.C. No 1

N. 24° E

to Joint cor. M.C. 1+2.

N. 13° E

N.W. cor. M.C. No 1

N 55° W mag

N. center No 1

N. 33° 30' W

Joint cor M.C. 1+2.

N 11° 30' W

N. center M.C. 2.

North 0° 30' East.

to Δ pt. set from 30

S. 35° E

set pt

N 7° W

to N. center M.C. No 3

continued

N. center N:3. - pt.² R. 160° 26' $\frac{42.8}{50 \times 10}$

pt. 2. N. center N:3 - R. 182° 06' $\frac{231.5}{15} = 223.6$

B" Δ set from

30 (page 39) - 34 R 63° 11'

Δ pt. set end }

of trail. - } set from 30 (E) R 74° 00'

Same place - 32 R. 35° 06'

Same place - Δ pt. set from 34 C R. 131° 40' 10" $\frac{106.0}{10 \times 10} = 104.3$

36 - 35 R 217° 54' $\frac{88.0}{15 \times 40} = 84.73$

37 36 R 172° 08' 78.0

N.E. mon, M.C. N:3 -

to Δ pt. end of trail (page 37) - 5.58 E. -

to 34 ? (no clear sight)

to Δ pt. set from 34 \approx C

set - 36.

5.31 E

set 37

5.7° 30 W

to Mon. & discovery - open cut, for Wander Mine.

pt 36 37 L $53^{\circ}15'$ $\frac{175.2}{12^{\circ}10'} = 17.06$ ✓

39 36 R $159^{\circ}50'$ $\frac{212.}{33^{\circ}} = 177.8$ ✓

39 36 R $41^{\circ}38'$ $\frac{153.3}{8^{\circ}30'} = 151.6$ ✓

35 - direction to 36 - 20 ft. old man ✓

Sept. 15-40

Willits }
Pipe Post } - 24 P.O.T.
cot. MS. }

$\frac{185.05}{1^{\circ}50'}$

pt west of Road 24 R $118^{\circ}34'$ $\frac{130.}{4^{\circ}40'}$

12 ^{page 32} 11 R $94^{\circ}39'$ $\frac{244.2}{5^{\circ}40'}$

pt - 12 R $202^{\circ}36'$ 140

set 30

$54^{\circ}E$

open cut old work

old monument

$N 5^{\circ} W$

to pt. west of road

$N. 40^{\circ} 30' W$

old well - now caved

to pt. w. of road

$59^{\circ} E$

to Disc. open cut 20' x 8 ft in west end. Flotation 2
no mineral

2 - 1 L 31° 23' $\frac{168.6}{6.16}$ 167.6

3 - 2 L 46° 31' $\frac{235.10}{15.22}$ 226.8

3 - 4 L 79° 59' 20"

			Book page	
Barrio Alfredo Ronauzo	1 -		35-375	1921
"	"	" 2	35-376	1921
"	"	Monte Cristo 1 -	36-298	1922
"	"	" " 2 -	36-405	1922
"	"	" " 3 -	36-406	1922
"	"	Montezuma 1	36-545	1922
"	"	" " 2	36-546	1922
"	"	" " 3	36-547	1922
"	"	" " 4	36-633	1922
"	"	" " 5	36-634	1922
"	"	Monte Cristo 4	39-179	1926
"	"	" " 5	40-151	1928
"	"	" " 6	40-342	1928
Ripshy, Sumner, Sloan White Cloud			31-276	1917
"	"	" " 2	31-443	1917
"	"	" " 3	31-444	1917
"	"	" " 4	31-445	1917

old Stone Mountain (Flagged) 55° 36' W

old Stone Mountain

to 30 -

- N 1° W -

Patricio Manteg-alfredo Barrio	-	Witness Santiago Moreno
"	"	"
alfredo Barrio.		Witness Santiago Franco
"	"	"
"	"	"
Dominick Venetky - Barrio.		Manuel Salcido
"	"	"
"	"	"
"	"	"
"	"	"
Alfredo Barrio.		Manuel Salcido
"	"	Jose Manduza.
"	"	Manuel Salcido.
200 NE 1300 SW		
1400 N ⁴ 100 S ⁵		
300 NE 1200 SW ²		
750 NE 750 SW.		

Sept. 22-40

White Cloud N=3 & N=4

1 - 2 ΔR $84^{\circ}59'$

2 - 1 ΔL $44^{\circ}17'$ $5.39^{\circ}21'30'' W$

40 - 2, R $118^{\circ}57'$ $\frac{314.9}{1000}$ $5.21^{\circ}41'30'' E$

40 - 41 L $72^{\circ}10'$

41 - 40 R $71^{\circ}33'$ $N 76^{\circ} E$

41 - 40 R $167^{\circ}30'$ 203.

41 40 R $164^{\circ}0'$ 221.

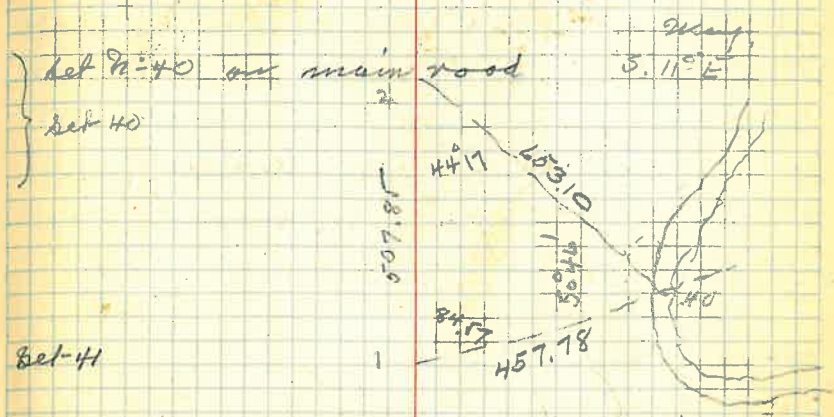
41 40 R $162^{\circ}0'$ 302

41 40 R $156^{\circ}18'$ 660 $5.46 E$

42 41 R $155^{\circ}0'$ 80

42 41 R 177° 120

587
68
667



to disc'y of W.C. N=3 - 20' cut to tunnel.

" " " " "

Disc'y open cut W.C. N=4

Tunnel work 457 1/2

Big tunnel - abt. 800 ft. of work

Set 42

25' of tunnel work (old work)

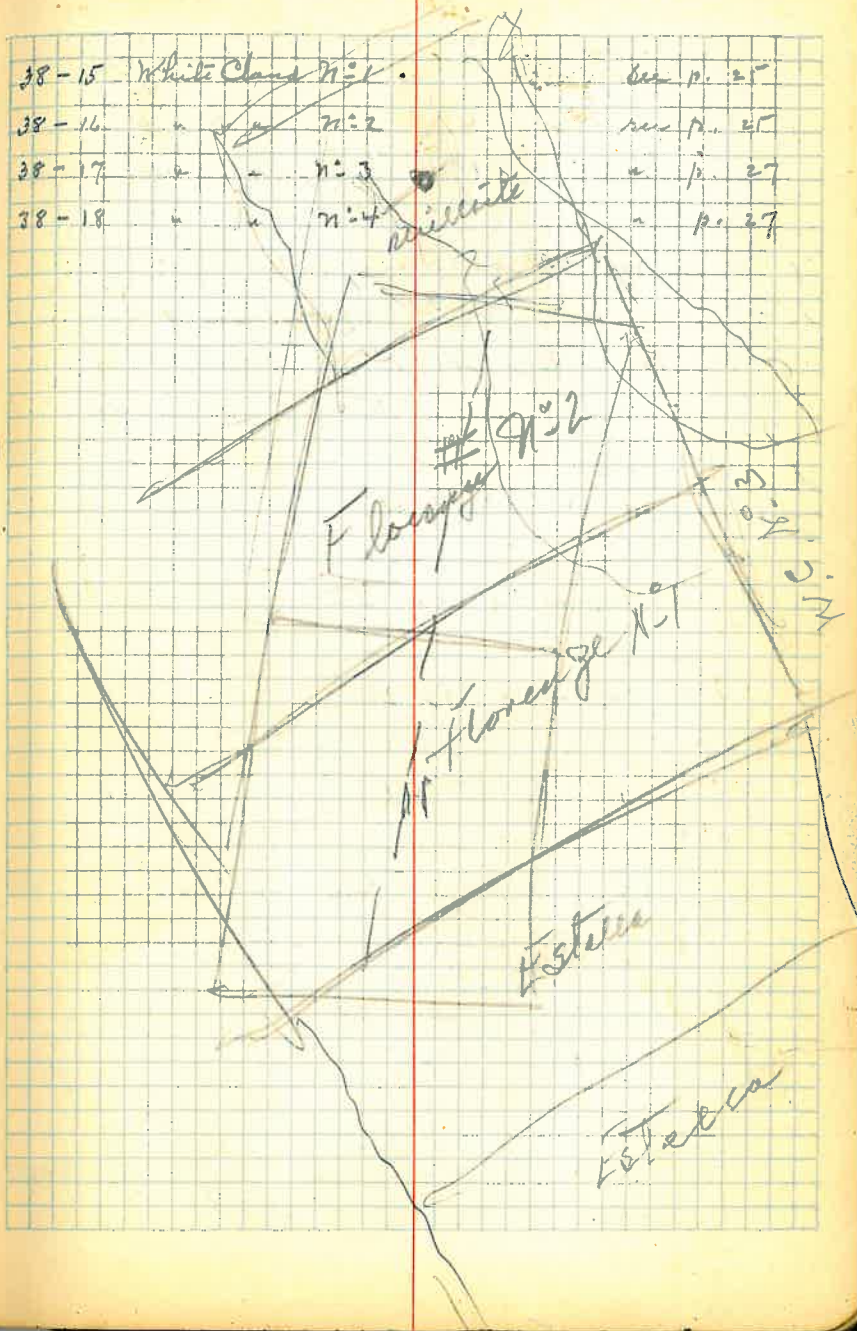
open cut

41 - General location Canyon N 71° 30' E mag

- 38-3 Estera N^o 1, - see page 26 This book
- 38-4 " N^o 2 - " " "
- 38-5 Flouce N^o 1 " " 25
- 38-6 " " 2 " " 25
- 38-7 Eagle N^o 1 - dropped
- 38-8 " " 2 - dropped
- 38-9 Grand View N^o 1
750 NE⁴ & 750 NW⁴
- 38-10 Grand View N^o 2
750 NE⁴ & 750 NW⁴
- 38-11 Grand View N^o 3
750 NW⁴ & 750 SE⁴
- 38-12 Grand View N^o 4
1250 NW⁴ & 250 SE⁴
- 38-13 Grand View N^o 5 see page 25
- 38-14 Grand View N^o 6 " " 25

This is the portion of a chain
filling in the space betw. N^o 3 & N^o 5
of groups at a point in NE⁴ direction
900 ft. from discovery being in the
center of NE⁴ end line

- 38-15 White Cloud N^o 1 see p. 25
- 38-16 " " N^o 2 see p. 25
- 38-17 " " N^o 3 " p. 27
- 38-18 " " N^o 4 " p. 27



Oct. 3 - 40

40 ft Tunnel - East.

1 2 R. 149° 12' 181. Stone Man,

1 - st double monument

2nd flag set S. 30° E. 13 ft. from monument

3rd flag top of tree set N. 25° E - 30 feet from stone monument

1 10 L 88° 12' 30" to man. 1

1 10 L 107° 55' 15" " " 2

1 10 L 113° 53' 30" " " 3

10 1 R 43° 37' to man. 1

10 1 R 37° 15' " " 2

10 1 R 38° 16' " " 3

1 2 R 61° 39' 15" } to pt-

4 3 L 77° 26' 30"

pt 1 R 213° 0' 85.0 old Mon.

st 1 R 94° 10' 235 " "

10°

149-12

46

1 3.73° 20' W from 1

3.24 W

double.

Oct. 6 - 40 Sunday N. 83° 38' 30" E

1 21 R. 134° 31' 30" 516.60 S. 38° 10' W

43 - L 158° 00' 285.70 S. 60° 10' W

44 43 R. 174° 49' 344.0 S. 54° 59' W

45 44 L 149° 40' $\frac{295.1}{300}$ S. 85° 14' W

46 45 R. 180° 21' 197.4 S. 85° 38' W

47 46 R. 141° 56' $\frac{456.2}{4020}$ S. 47° 04' W

48 47 R. 34° 30' 95

134 31

149 49
299 30

158
349 38
174 49

180 24
141.56
283.56
47

Set 43 at road S. 21° 30' W mag.
N. edge of road.

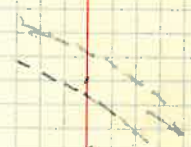
Set 44 at fork of roads. S. 61° W



30 R. to Road. 100 R. E wash S. 55° W

S. 86° W

H2+40 cross wash
N. side of road



S. 84° W

N. side of Rd.

S. 48° 30' W

to open cut in N. bank for Ethella N. 72°

48 - 47 R. $165^{\circ}42'$ 163.2 $S.32^{\circ}46'W$
 49 - 48 L $166^{\circ}25'$ $\frac{104.0}{7^{\circ}30'}$ point.
 49 48 R. $177^{\circ}0'$ 158.3 $S.29^{\circ}46'W$
 point 49 R. $166^{\circ}30'$ 39.
 " 49 R. $176^{\circ}10'$ 49.
 " 49 R. $231^{\circ}0'$ 36
 50 49 R. $165^{\circ}00'$ 147.9 $S.14^{\circ}46'W$

165.42

Set 49

Set 50

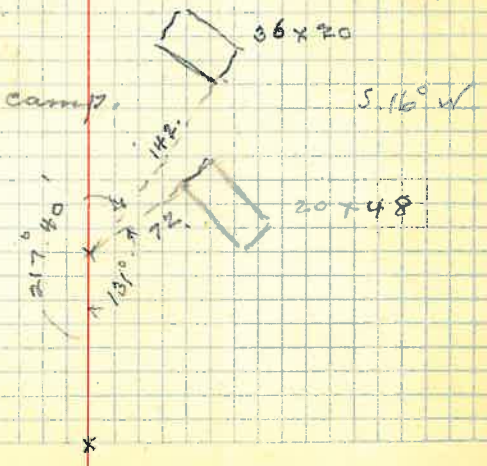
$S.31^{\circ}W$

Tunnel to South 10'

" to West 25'

water Tunnel to North 30'

Stone monument at camp.



229 13

49 - 48. L 94° 50' $\frac{89.4}{11012}$ 87.7 N. 62° 04' W

51 - 49 R. 184° 17' 230 N. 57° 47' W

52 - 51 L. 154° 48' $\frac{240.7}{3}$ N. 32° 32' W53 - 52 R. 129° 14' $\frac{278.3}{2^{\circ} 30}$ N. 83° 18' W

54 - 53 L 129° 09' 117 N. 32° 27' W

49 50 L 90° 150.2

Veneetis Mill site cot
 S. 56° 20' W. 72. Gold Stone Mon.

Set 51

N. 60° 40' W

Set 52

Set 53

N. 31° W

Set 54

N. 82° W

old Stone Monument.

N. 31° W

old man. ? at edge of creek



Tr. over 1323.00 from cor IV
 turn R. 91°11'
 Dist 282.8 to pipe set in rock side?

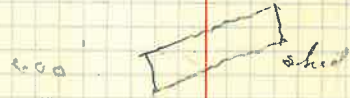
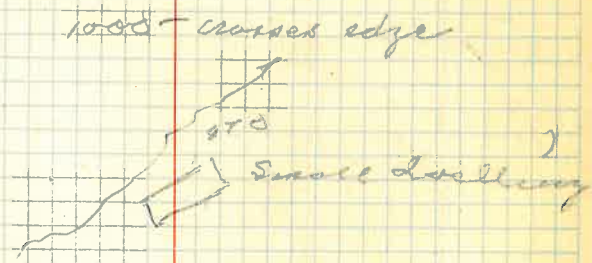
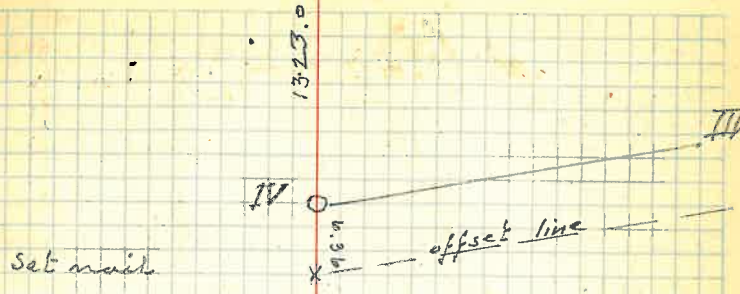
Tr. over 1323.00 from cor IV
 turn L 98°53' fence line to W.

Tr. at corner 4. Extend 4-1 fence line South
 112.55 to E & W. fence.

Tr. over offset pt. - sight on I - turn R. 81°05'
 427.53
 + 84.10
 511.63

Tr. at 511.63 - sight on cor IV.

	angle to NW cor.	
	" " SW cor. 98°55'	
0+00	40' E to edge	
86.53	10' E	
+ 435.73	"	
522.26	60' W	
+ 367.75		Deep gulch
890.00	60' W	
+ 430.2		
1320.20		



Tr. over stone west side G.P. road.

Sight on sec. line to E
Turn R $65^{\circ}05'$ NE cor. R.R. Sta

Turn $138^{\circ}37'$ NW cor. R.R. Sta
1966 Stone to cor. wall.

31.0 Dist. cor. wall to center road on
line of N. face R.R. wall.

28.0 Corn. wall to Gas main
Mess. along, 1966.63 curve

15.01

138 37 277 14

89.60

65.05

24.55

52

North Cristo Mts. -

36-398 - Alfredo Barrion Jan. 6 - 1922.

1200 S.W. ^{ly} + 300 N.E. ^{ly} -

7 1/2 miles N.E. ^{ly} from Chuyatila

M.C. #2 -

36-401 Alfredo Barrion Jan. 16 - 22.

300 N.E. ^{ly} + 1200 W. ^{ly}

7 1/2 miles N.E. ^{ly} of Chuyatila P.O. and
adjoins on the north. M.C. #1 -

M.C. #3 -

36-406 Alfredo Barrion Jan. 16 - 22 -

300 N.E. ^{ly} + 1200 W. ^{ly}

7 1/2 miles N.E. ^{ly} of Chuyatila P.O. +
adjoins M.C. #2 on the north.

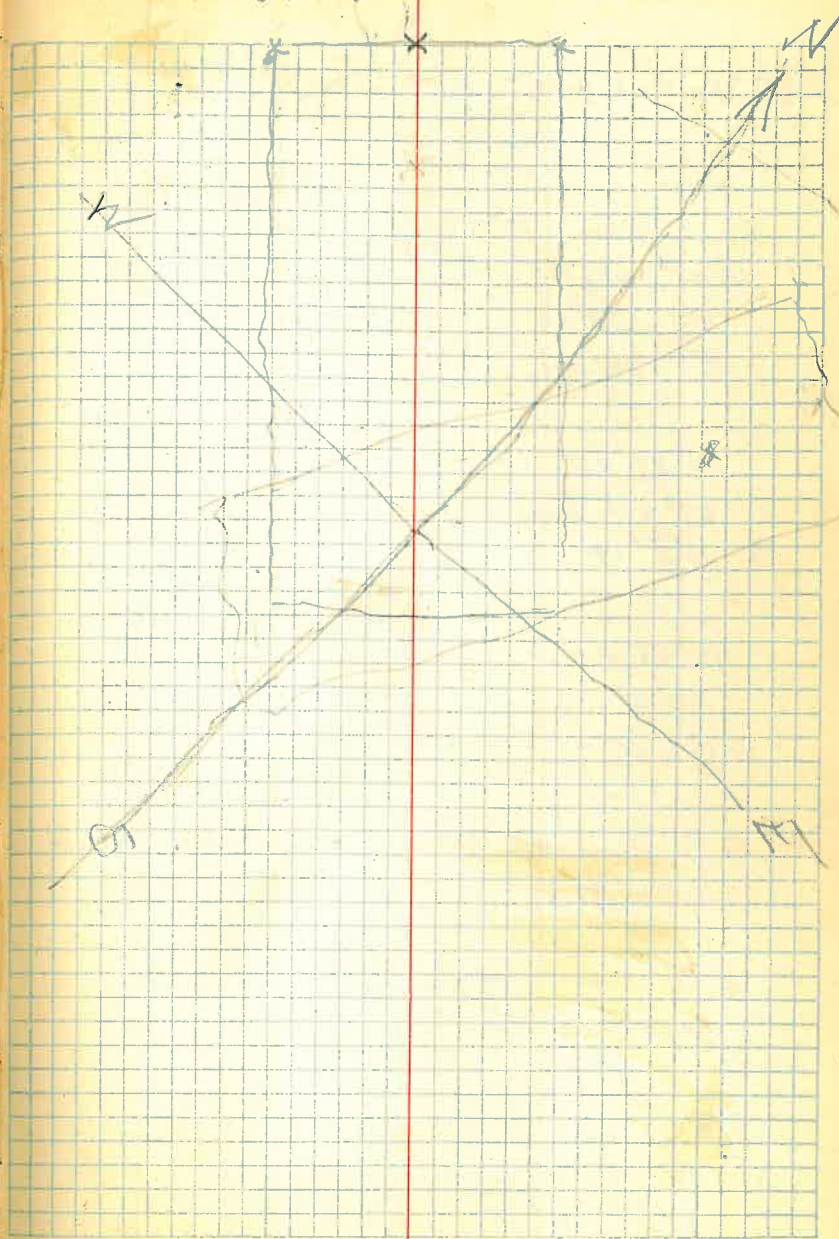
M.C. #5 - copy of old papers

Alfredo Barrion, December 2 - 27

1200 Westley 300 Eastley

8101 B

59



Tr. at 8x8 post at shaft. $\frac{345.5}{5.101}$

Mag - N49°W

10.25 AM

V. 28°33'

H. 32°44'

10.37 AM

V 29°47' Sun

R 150°14'

10.48 AM

30°41' Sun

R. 152°39'

Δ, R. from pt 40°15' to + on red rock
Dist - 95.8

Δ, R. u 93°0' to S.E. of Cave
Dist 37.3

Δ, R. u 33°14' to old man. base
Dist 88.70

Dec. 5 - 1944

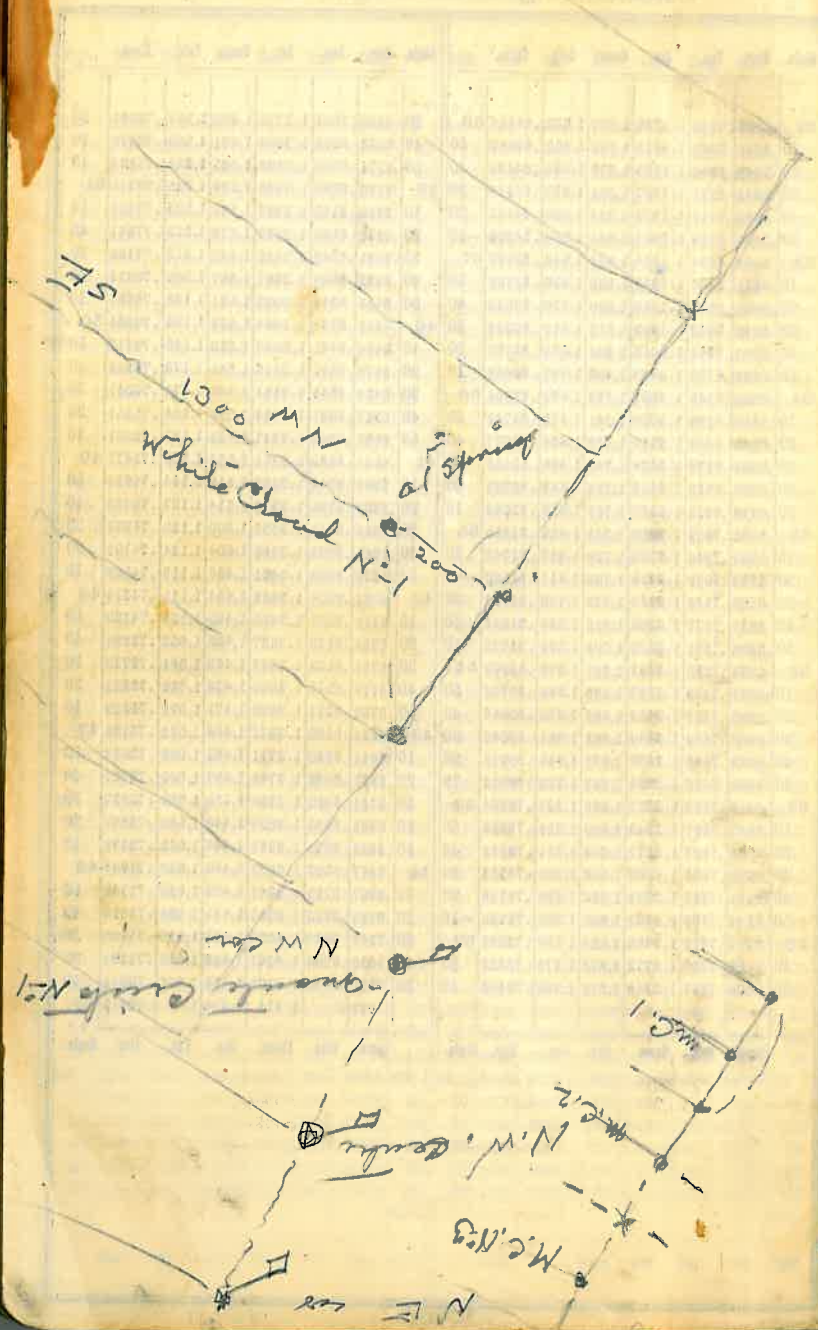
345.5

5.101

3917

33

3244



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MADE IN GERMANY.