

Field Note

No. 1342

OF THE SURVEY OF THE

Principal meridian
through

5. 6. 7. 8. 9. 10. 11. 12.
part of Tp 13. n. R. 1. e.

township

Range

La and Salt River Base and Mer

No. 1342

ARIZONA.

By J. B. McLaughlin

1883

Under contract dated May 16 1883

Survey commenced June 2 1883

Completed June 17 1883

1883

STRICTLY

2-Book m

1A

BOOK 1342

Pr. Men. N.

	S.57.	S.67.	S.77.	S.87.	S.97.
1	8 6	7 18 6	1 26 6	1 33 6	1 42 6
12	7 7	12 17 7	12 25 7	12 32 7	12 40 7
13	6 16	13 15 18	13 23 16	13 31 18	13 39 18
24	4 19	24 14 19	24 22 19	24 31 19	24 39 19
25	3 30	25 12 30	25 21 30	25 28 30	25 37 30
36	1 31	36 11 31	36 20 31	36 27 31	36 36 31

	S.107.	S.117.	S.127.	S.137.	S.147.
	1 54 6	1 66 6	1 76 6	1 6 6	1 6 6
12	52 7	12 64 7	12 75 7	12 7 7	12 7 7
13	50 18	13 62 18	13 74 18	13 83 18	13 18 18
24	49 19	24 59 19	24 72 19	24 81 19	24 19 19
25	46 30	25 57 30	25 70 30	25 80 30	25 85 30
36	44 31	36 56 31	36 69 31	36 78 31	36 86 31

1883

1B

BOOK 1342

Index

Principal Meridian	
5. N. from 1	— 10
" 6 " " 11	— 19
" 7 " " 20	— 26
" 8 " " 27	— 36
" 9 " " 36	— 44
" 10 " " 44	— 55
" 11 " " 56	— 68
" 12 " " 69	— 84
" 13 " " 85	— 88.

10

wp

Preliminary Oaths of Assistants.

Thomas Cliphut

We John A Rockefeller
Ridgley ^{Maryland}
and Walter E Servoss

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability and in accordance with instructions given us in the survey of the

G and S. R. Principal Meridian through

Sp's 5, 6, 7, 8, 9, 10, 11, 12, ^{4th} part of Sp. 13, N. R's

1 E. and 1 W. and the retracing of same line through a part of Sp 13, N. to the 4 standard Parallel North.

and the second Stand-Panel N. through R's 1, 2, 3, 4, and 5 West.

of the principal base and meridian in the Territory of Arizona.

Walter E. Servoss John A Rockefeller Chairman.

Thomas Cliphut Ridgley In Laid Chairman.

Subscribed and sworn before me, this 2nd

day of June 1883

J. B. McLaughlin
Notary Public.

4/ 81-
 We John D Watts ^{and} Joseph B Liversidge
Aymen ^{and} Nathaniel Mickolls flagman
 do solemnly swear that we will well and truly perform the
 the duties of Aymen and flagman
respectively

in the establishment of corners and other duties according to
 instructions given us, and to the best of our skill and ability,
 in the survey of the E and S R. Principal Meridian through
Sp's 5:6. 7. 8. 9. 10. 11. 12. ^{and part of T. & N. R's 18 & 19}
and the retracing of same line, through a part
of Sp 13 N. to the 4th Standard Parallel North.
and the second Standard Parallel North, through R's
1. 2. 3. 4 and 5 West.
 of the principal base and meridian in the Territory of Arizona.

John D Watts Aymen
Nathaniel Mickolls Flagman
Joseph B Liversidge Aymen

Subscribed and sworn to before me this 2nd
 day of June 1883.

J. B. McLaughlin
 Notary Public.

Survey commenced June 2nd 1883
Survey completed June 17th 1883

Principal Meridian through Chas.

of town $5\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side
 80.00 Set a syenite rock
 $26 \times 16 \times 8$ ins. 19 ins. in
 the ground for Cor.
 to Sec. 25, 30, 31, 536
 marked with 1 notch
 on S. and 5 notches
 on N. edge. dug
 pits $18 \times 18 \times 12$ ins. in
 each Sec. $5\frac{1}{2}$ ft.
 dist. and raised a
 mound of earth 2 ft.
 high $4\frac{1}{2}$ ft. base
 along side
 surface level and rolling
 Soil rocky 3rd rate
 Dwar Cholla, greasewood and utahia

Spe. 5 cr. J. S. R. M.
 Ches

North tet. Dec. 25 and 30

Var. 13° 25' E

40.00 Set a malpais rock
 14x14x12 ins. 9 ins. in
 the ground for 14 in. box.
 marked 44 on N. face
 dug pit 15x15x12 ins.
 E. and S. of stone 5 1/2
 ft. dist. and raised
 a mound of earth
 1 1/2 ft. high 3 1/2 ft. base
 along side

8.50 Large dog wash 12
 in. wide to S. 18° E.

0.00 Set a malpais rock
 16x12x8 ins. 1 ins. in
 the ground for box.
 to Dec. 19. 24. 25
 and 30 marked
 with 2 notches on S.

Principal Mexican Streets
Chos

and 4 notches on
N. Edge dug pits
18x18x12 ins. in each
Sec. 5¹/₂ ft. dist. and
raised a mound
of earth 2 ft. high
4¹/₂ ft. from along side
Surface slightly rolling
Soil rocky 3rd. State
Dune vegetation & grasswood
brush

North pt. Aug. 19524
Var. 18° 25' E.

38.00 Cross dry wash. 18 links
wide & Co. S. 110 E.

37.00 Ascend S. W. slope of
rocky malpais mesa.

40.00 Hit a malpais rock
20x12x10 ins. 22 ins

Spec. 5 cr. g. S. R. M.

in the ground for
114 In. low near rd 114
on N. face, and raised
a mound of stone
along side.

Pit's imperceptible

000
Top of mesa 300 ft. high
Soil. 120 ft. 5 cr. 120 ft.

Set a malpais rock
20x16x5 in. 15 in. in
the ground for Cor. to
S. 13, 15, 19 and 24
marked with 3 notches
on S. and N. edges
and raised a mound
of stone along side.

Pit's imperceptible

Surface mountainous and rocky
Soil. 3rd. rate

Dura extranea trash.

Principal Meridian through
No.North Mt. Su. 13518
Va. $13^{\circ} 25' E$

- 0.00 Descend from mesa
18.10 Foot of mesa and cross
dry wash and ascend
S. W. slope of mesa
40.00 Set a malpais rock
14x12x10 ins. 9 ins. in
the ground for 114 Su.
Cor. marked 114 on
W. face. and raised
a mound of stone
along side.
Pib. impracticable
48.00 Top of mesa 300 ft.
high to N. W. and S. E.
80.00 Set a malpais rock
18x14x12 ins. 12 ins.
in the ground for
Cor. to Su. 7. 12. 13

Spec. of H. P. S. R. M.
Ch.

and 18 marked with 4
notches on S. and 2
notches on N. edge
and raised a mound
of stone along side.

Pits impracticable
Surface broken
high on both sides of hill
Soil rocky 3rd. rate
Dwarf cactus and catclaw bush

North bet. Sec. 7 and 12
Var. $18^{\circ} 25'$ E.

00 Set a malpais rock
18x14x10 over 12 ins. in
the ground for 14 Sec.
Cor. marked 14 on N.
face, and raised a
mound of stone
along side. Pits impracticable

Principal Meridian through Is.

59.00 Over mountain ridge
Dry wash 80 links wide
Geo. E.

80.00 Set a malpais rock $12 \times 11 \times 9$
ins. 8 ins. in the ground
for Cor. to Sea. $11.6.78/2$
marked with 5 notches
on N. and 1 notch on
St. edges. and raised
a ground of stone
along side. Pr. impracticable
Surface mountainous on
both sides of low slope East.
Soil rocky 3rd. rate
Dense scrub and catclaw

North to Sea. land to
Va. $130^{\circ} 25' E.$

40.00 Set a malpais rock
 $24 \times 16 \times 5$ ins. 18 ins. in

Apr. 5 St. P. S. R. M.
 h.

the ground for 14 St.
 Cor. marked 14 on N.
 face and raised a
 mound of stone
 along side

Pits unpracticable

1.00 Cross by wash 60 links
 wider Co. E

5.00 Ascend South slope of Mt.

2.00 Top of Mt. ridge W. S.

E. and N. and descend

2.00 Set a malpais rock 20x12x7
 ins. 15 ins. in the ground

for Cor. to Apr. 5 and 6

St. P. 1 E and 1 N. marked

with 6 notches on each
 edge and raised a mound
 of stone along side.

Pits unpracticable

from which a pala verde

Principal Meridian through
 Sta. 5 N. Gr. S. R. M

Five in drain, from
 St. 79° E. 70 links dist
 marked S. 6 N. R. 1 E.
 S. 31 E. R.

A palaverde line in
 drain from S. 45° N. 5-6
 links dist. marked
 S. 5 N. R. 1 N. S. 1 E. R.

No other bars within
 limits

Surface mountainous
 and rocky

Soil 2nd rate

Dune entrance and
 scattering palaverde

No salt near the meridian
 I run a pole down at
 night and keep one
 man hunting water

June 2nd. 1853 J. B. Mc. Laughlin

Principal Meridian through through

Sp's 6 N., G & S R. M.

From the cor to Sp's 3rd 6 N
 Rs 18th 1 W. just set by
 me. Iron.

North set sees. 31st 36

Pa 13th 28th E

Descending

10.00 Dry wash to East & ascend

40.00 Set a Malpise 16+10+8 ins

11. ins in the ground for 1/4

see cor marked 1/4 on W.

face, and raised a mound
 of stone along side. It's
 impracticable.

51.00 Top of mountain Ridge to
 S and W. and descend.

69.30 Dry wash to East and ascend.

80.00 Set a Malpise 20+10+8 ins

15th ins in the ground, for the

cor. to sees 25. 30. 31st 36.

marked with 1 notch on S

Principal Meridian through
Chairs of 6 North. Gnd S. R. M.

and 5' notches on N edges
and raised a mound of stone
alongside. Pit's impracticable.
Sand. Mountainous
Soil. Rocky. ~~and~~ rare
Timber - Scattering Palo Verde
and cactus of all kinds

North lat-secs 25⁴⁴ 30
Lon 139° 25' 'E

Ascend.

23.00 Top of mountain Ridge bears
E about 200 ft high and
descend.

36.50 Dry wash. 20 lbs with less East

40.00 Set a Malpais 24+16+12 ins
18 ins in the ground for '14
see cor. marked. '14 on N.
face. and raised a mound of

Principal Meridian through
Chain of 6 North, Gnd S. R. M.

80.00

stone, alongside. Pits
impracticable. There
were broken ridges and gulches
Set a Malpais 18+10+6 mi
12 mi in the ground for the cor
to see, 19, 24, 25 th 30; marked
with 2 notches on S, and 4
notches on N edges and raised
a mound of stone alongside
Pits impracticable.
Land. Broken ^{and} Mountainous
foot hills,
Soil. of the same.
Vegetation Extranea ^{and} Cholla
On this line water was carried
(at night) on burros a distance
of 15 miles, to supply camp.
The weather intensely hot.

Principal Meridian through

Chavis T 6 N. P. S. R. M.

World at sees 19^{and} 24
 Jan 13^o 25^o E.

40.00

Set a Malpais stone 16 + 14 + 10 ins
 11 ins in the ground for 1/4
 see con. marked. 1/4 on N face
 and raised a mound of stone
 alongside. Pits impracticable.

80.00

Top of mountain bears E^{and} W.
 about 400 ft high extends
 about 60 chains E + N of line
 & descend.

57.00

Dry wash. 60 lbs rise to East.
 and ascend over rocky ledges

80.00

Set a Malpais 20 + 16 + 14 ins
 15 ins in the ground for the cor
 to sees 13. 18. 19^{and} 24, marked
 with 3 notches on N^{and} S edges
 and raised a mound of stone
 alongside. Pits impracticable
 Land. Mountainous and rocky

Principal Meridian through
chains E. 6 N. G. ^{and} S. R. M.

on both sides of line.
Soil, & ^{to} rate worthless
Vegetation Cactus of all
kinds.

North set sees 13 ^{and} 18,
Pa 13° 25' E

Ascending,

10.00 Top of Mountain Ridge, 300
ft high, bears E ^{and} N, and
descend.

32.00 Dry wash, 18 lbs mid s. les East
and ~~Acacia~~ ^{Acacia}.

40.00 Set a malpais, 16 + 14 + 8 ins
11 ins in the ground for 14 sec
cor. marked 14 on W face, and
raised a mound of stone along side
Pits impracticable.

8.00 Top of mountain bears E ^{and} N

86

Principal Meridian through
Chains T^y 6 N. Gnd S. R. M.

- 200 ft high. Extends about 80.
chs E^W of line, and descend
- 50.00 Cross Dry wash. to N. 63° E,
and ascend. S slope of mountain
- 63.00 Top of mountain 400 ft high
trans Snd W. nd descend.
- 74.10 Dry wash. 18 ft's wide to N 45° E
thence over broken feet hills
- 80.00 Set a Malpais 18+16+12 ins
12 ins in the ground for the
corn to see 7, 12, 13nd 18.
marked, with 4 notches on S
and 2 notches on N. edges
and raised a mound of stone
along ed's. Pits impractical
- Sand. Mountainous
Soil. 8th rate
Vegetation Cactus.
June 4th 1883

Principal Meridian through
 chains T 6 N 1) G and S R.M.

North lat sees 7th 12

Pa. 13° 25' E.

Descend.

- 2.00 Dry wash to East and ascend
- 11.00 Top of mountain Ridge cross
 Eth 11, and descend.
- 16.00 Dry wash, to East ^{2nd} Ascend.
- 25.00 Top of mountain ascend & west
 thence over broken mountain
 ridges
- 40.00 Set a Malpais 18+12+8 vis, 12 vis
 in the ground for 14 see cor marked
 14 on N face and raised a
 mound of stone alongside. Pits
 impracticable.
- 47.00 Dry wash 16 lbs wide to N 30° E
- 50.00 Set a malpais 18+14+8 vis
 12 vis in the ground for the cor to
 sees 1, 6, 7th 12, marked with
 6 notches on S and, 1 notch on N

Principal Meridian through
Chain Y. 6 N. G^W S. R. M.

edges and raised a mound of
stone along side. Pits impracticable
Surface. Mountainous ^W Rocky
Soil, 4th rate.

Vegetation Cactus ^W Palo Verde

North lat sees 1 ^W 6.

Pa 13° 25' E

Ascending over broken mountains

11.00 Top of mountain bears E^W and N. and
descend.

30.00 Dry wash. Co S 72° E and
ascend.

40.00 Set a malpais 16 + 12 + 8 in 11
ins in the ground for 1/4 sec cor
marked 1/4 on N face and raised
a mound of stone along side. Pits
impracticable.

48.00 Top of Mountain Ridge 400 ft

Principal Meridian through
Chains of 6 N. & 4 S. R. M.

70.00 High bars E ^{and} W. Main divide
met. of here and descent.

80.00 Dry wash. 80 $\frac{1}{2}$ lbs. misc. Co. East,
and ascend.

Set a Malpais 18+14+10 mis/2
mis in the ground, for the cor
to ^{up} 6 ^{and} 7. N. Rs. 1 E. ^{and} 1 W.
marked with 6 notches on each
edge. And raised a mound of stones
along side. Site impracticable.

Land. Mountainous
Soil. Rocky and late.

Vegetation. Cactuses.

I carefully examined the
the adjustments of my solar
transit today. Particularly
the latitudes and reversing
apparatus and found them
correct. J. B. McLaughlin.
June 5th 1883

Principal Meridian through
chains 4 5 N. 6^{and} 7 N.

From the cor to Sp 6^{and} 7 N
Rs 1 E^{and} 1 N. just set by one
I met.

North it see's 31^{and} 36.
Ja 13° 25' E

Ascending.

7.70 Top of mountain bears 8^{and} N
and descend.

24.00 Foot of mountain^{and} enters
rolling hills.

40.00 Set a Malpais 1441018 in
9 in on the ground for 1/4 sec cor
marked 4 m N face and raised a
mound of stone alongside. Pts
impracticable. On top of ridge
bears 8 70° E and descend

71.00 Enter valley of castle creek.

74.00 Castle Creek Co S. 64° E. no
water.

78.57 Wagon Road bears 8 64° E.

Principal Meridian through
 spans of N. G. and S. R. M.

79.62 Foot of bluff. of rocks 20 ft. high
 80.00 Set a Malpais rock. 16+12+8 vis
 on top of cliff of rock. in a
 mound of stone and raised
 a mound of stone alongside
 Palo-impracticable
 Lared. Mountainous
 Soil. Rocky. 3rd rate
 Scattering Palo verde brush.

North lat sec's 25 th 30

Loc 15° 25' E

(Over broken foot hills of
 mountain and deep washes)

40.00 Set a Malpais 18+12+8 vis
 12 vis in the ground for "use
 cor marked "4 on N face and
 raised a mound of stone alongside
 Palo impracticable

Principal Meridian through
 Y 7 N. 9 ^{and} S R M

- 41.00 Dry wash 30 lbs mid 6 lbs W.
 38.00 Road bars N 40° W. ^{and} S 40° E
 80.00 Set a malpais, 18+14+10 ins
 12 ins in the ground for the
 bar to see 19. 24. 25 ^{and} 30
 marked with 2 notches on
 S and. 4 notches on N edges
 and raised a mound of stone
 along side. Pitt's impracticable
 land. Broken ^{and} Mountainous
 Soil. Rocky 4th rate.
 Vegetation; Cactus and Palo
 verde. Fresh.

North set sees 19 ^{and} 24
 Va 13°, 25° E.

(Over, broken foot-hills and
 deep washes).

40.00 Set a Malpais 187/2+8 ins

Principal Meridian through
T. 7 N. E. ^{and} S. R. M.

12 ins in the ground for $1/4$ sec
Cor. marked with N. face and
raised a mound of stone alongside
Pis impracticable

80.00

Set a Malpais rock $14+12+8$ ins
9 ins in the ground for the cor
to sec's. 13, 18, 19 ^{and} 24, marked
with 3 notches on N ^{and} S Edges
and raised a mound of stone alongside
Pis impracticable.

Land. Mountainous ^{and} broken
Soil - Rocky ^{and} stony.

Vegetation, cactus and some
Palo verde brush

North of sec's 13 ^{and} 18

Pa 13° 25' E

Over broken foot hills

40.00

Set a Malpais. $18+12+8$ ins, 12 ins

Principal Meridian through
 Chain T. 7 N. 9^{and} S. R. W.

North 1st sec's 1^{and} 6

Pa 13° 25' E

40.00

Set a Malpais 16+10+8 ins
 11 ins in the ground for 14 sec
 cor marked 14m N face, and
 raised a mound of stone
 along side. Pitts impracticable

79.51

Grass Dry wash 20 lbs wide
 Co N. 45° E.

80.00

Set a Granite 24+14+5 ins 18
 ins in the ground for the cor
 to T¹ 7^{and} 8. N. R. 5-18° 41' W.
 marked with 6 notches on each
 edge, and raised a mound of stone
 along side. Pitts impracticable.
 Land Broken and mountainous
 no regularly defined range.
 Soil. 4th rate.

Vegetation Scattered paloverde
 brush

Principal Meridian through
T^h & North, Est & S. R. M.

June 6th 1883.

From the cor to Gps 5th & 8 North
R^o. 16th & 1 West. just set by
me. Iron.

North at sec's 31 & 36

Lat 13° 25' E

12.00 Cross Dry wash 80 lbs wide
to East

4.00 Set a Malpais, rock 14+137
in. 9 in in the ground for
1/4 sec cor. marked 14 on W
face. and raised a mound of
stone along side. P is impractical

Principal Meridian through
chains: T, & U G and S, R, W.

8000 Set a Porphyry rock 20 +
16 + 8 ins. 15' in on the ground
for the cor to see's 25.30.31 ^{and} 36
marked with 1 notch on S and
5' notches on N edges and raised
a mound of stones along side.

~~Also in the vicinity~~
Land. Mountainous

Soil. Rocky 82nd rate.

Water (in tanks) two miles west
of here

Vegetation Cactus. and Palo-
verde

North tet see's 25 ^{and} 30

Pa 13° 25' E

1000 Dry wash 24' wide 60' and
ascend.

2000 Top of mountain ridge bears
E ^{and} W and descend.

grass

Principal Meridian through

chain T & N. Gnd S. R. M.

- | | |
|-------|--|
| 26.00 | Dry wash. Co East and ascend. |
| 38.00 | Top of ridge bears E th N. |
| 40.00 | Set a Malpais, 20+18+12 ins
18 ins in the ground for 4 sec cor
marked 74 on N face. and raised
a mound of stone alongside. It's
impracticable, and descend. |
| 43.00 | Cross Dry wash. Co East, thence
over ridge. |
| 60.00 | Dry wash. Co N 45° E. Co the ridge
and ascend. steep malpais, mountain |
| 80.00 | Set a Malpais 18+16+10 ins,
12 ins in the ground for the cor
to sec's 19, 24, 25 th & 30. marked
with 2 notches on S and. 4 notches
on N edges and raised a mound
of stone alongside. It's impracticable
Land. Mountainous
Soil. Rocky. 4 th rate.
Vegetation, Cactus ^{any} Scattering
Palo verde brush. |

Principal Meridian through
 Chain 1 & North. Gnd S.R. M.

North set sees 19th and 24.

Pa 13° 25' E

- 12.00 Top of malpais butte, and descend over ravine.
- 38.00 Top of ^{high peak} mountain ~~or butte~~ (high peak). Bears west of line about 8 chain distant
- 40.00 Set a Malpais 14 1/2 x 8 ins 9 ins in the ground for 114 see cor. marked 114 on N. face and raised a mound of stone alongside. Pits impracticable.
- 80.00 Set a Granite stone 18 1/2 x 7 ins 12 ins in the ground for the cor to sees 13, 18, 19th and 24. marked with 3 notches on S. and N. edges and raised a mound of stone alongside. Pits impracticable
- Land. Mountainous on both sides of line

Principal Meridian through
 Chain S. & North. G^{and} S.R. M.

Soil: Rocky & strate.
 Vegetation Some grass.
June 7th 1883.

North base 13^{and} 18

Val 13° 25' E

Descending

- 1.50 Dry wash 140 lbs rise Co
 S 54° E.
- 3.40 Stone house. 23 lbs rest of
 line. and ascend steep
 mountain. Foot of Bratshans.
- 800 Top of mountain ridge. and
 thence along West slope of same.
- 18.00 Dry wash. Co N.
- 24.00 Quartz mine 62 lbs rest
 of line.
- 31.10' Quartz. Ledge. base E^{and} N.
 there has ^{been} some work done
 on this ledge.

Principal Meadlean
chain through S. 8 N. 9 and S. R. M.

- 32.00 From this point an Archaean
beard met about 30 ch's dist.
- 40.00 Set a Malpais 18+12+8 ins. 12
ins in the ground for 14 sec
cov. marked. 14 in W face,
and raised a mound of stone
alongside. Pits impracticable
- 48.00 Dry wash. Co. W.
- 63.00 Dry wash course W.
- 80.00 Set a Granite 18+14+10 ins
12 ins in the ground for the
cov & sec's 7, 12, 13 and 18, marked
with 4. notches on S and 2
notches on N. edges and raised
a mound of stone alongside. Pits
impracticable.
- Surface Mountainous and rocky.
Soil. 4th
Vegetation Cactus and
Pals verde.

Principal Meridian through

Chains T. & N. E. and S. R. M.

North set sees 7^{and} 12

Pa 13° 25' E

- 25.00 Deep cañon & chains wide
Co S. 34° W.
- 33.00 Same cañon Co S. 15° E. and
along knids of same.
- 36.00 Leave cañon, and ascend S. E
slope of mountain.
- 40.00 Set a Granite 20+12+6 ins. 15'
ins in the ground for 1/4 sec
con marked 14 on W face, and
raised a mound of stone along side
Disimpract east
- 7.00 Top of mountain ridge bars
& N. high mountain bars
west of line about 4/5 chains
dist. and descend.
- 75.00 Dry wash Co East. thence
along E slope of mountain
- 80.00 Set a Granite 28+16+6 ins.

Principal Meridian through
chain T. 8 North. G^{and} S. R. M

21 ms in the ground for the
con trees 1. 6. 7 ^{and} 12. marked
with 5 notches on S. and 1
notch on N. edges and raised
a mound of stone alongside
This is impracticable.

Land: Mountainous
Soil. 4 ^{the} rate.

Vegetation; Cacti's ^{and} Scattering
Palo verde brush.

North trees 1 ^{and} 6

Lat. 13° 25' E

Ascend along west side of
cañon over mountain
ridges

Enter cañon to S. 15° E and

Set a Granite 18 + 10 + 6 ms

12 ms in the ground for
brush

9.00
40.00

Principal Meridian through
chains T & North, Gnd S. R. M.

1/4 sec cor marked 14 on W
face and raised a mound
of stones along side Pitt's
impracticable.

42.50 Leave bend of cañon and
ascend along west side of same

53.00 Enter cañon Co S 10° E.

59.00 Across same and ascend along
East side.

71.00 Enter bend of same cañon. Co
S 12° W.

73.00 Leave same and along east
side.

80.00 Set a Granite 28+18+16 ins
21 ins in the ground for the cor
& T's: 8th 9. N. R. 18th 11.
- which is the 2nd standⁿ W.
on the Gnd S. R. S. M. - marked
with 6 notches on each edge, and
raised a mound of stones along side

Principal Meridian through
 Davis T. 8 ~~W.~~ N. ~~E.~~ S. R. W.

Pits. impracticable
 Land. Mountainous ^{along} East-
 side of line
 Soil. 4th rate

I carefully examined the
 adjustments of my solar
 compass to day. particularly
 the latitude ^{and} reversing apparatus
 and found them correct

J. B. McLaughlin
 June 8th 1883

Principal meridian through
 Snow Cr. of North, G^{and} S. R. M.

From the con. to Sps. 8^{and} 9
 North, R. 18^{and} 1 W. m.
 the G^{and} S. R. P. M. just
 set by me.

In

North it sees 21^{and} 26.

It 18° 25' E

Ascending along east side
 of cañon.

35.00

Top of mountain bears E + W.
 and head of cañon flows South
 and descends N. slope of mountain.

40.00

Set a Granite 18 + 12 + 6 in
 12 in in the ground for 14
 see con. marked 14 m N.
 face. and raised a mound
 of stone alongside. It is im-
 practicable.

41.00

Dry wash. to West and ascend

47.00

Top of ridge bears E^{and} W and
 descend

Principal Meridian through
Chain of 9 North, G. and S. M.

- 63.00 Dry wash. Co West and ascent.
Main Range of the Bradshaw
Mountains.
- 81.00 Set a Quartzite 18+16+8 in
12 in's in the ground for the
cor to sees 25^{and} 30-31^{and} 36.
marked with 1 notch in S
and 3 notches on N. edges
and raised a mound of stone
alongside. (Is impracticable
Land. Mountainous)
Soil. 4th Rate,
Vegetation. Cactus, there
is no water in this section
of the country.

North to sees 25^{and} 30

W 13° 25' E

Ascending Bradshaw Mountains

Principal Meridian through
 Chain Of G. North & S. R. M.

- 40.00 Set a Granite 18+14+6 in
 12 in in the ground for '14 see
 cor marked '14 on N face.
 and raised a mound of stone
 alongside. Pits impracticable.
- 42.00 Cross Deep cañon 4 chains
 N to S & W. High Rocky
 Mountain bars East of line
 about 18 chains distant
- 46.00 Across cañon and ascended
- 68.00 Top of mountain ridge bars
 E and W. and descended.
- 76.00 Cross cañon to West, and
 ascended.
- 80.00 Set a Granite 18+12+8 in. 12
 in in the ground for the cor
 to see '19. 24. 25th & 30. marked
 with 2 notches on S and 4
 notches on N edges and raised
 a mound of stone alongside.
Pits impracticable

Principal Meridian through
Chain Q^y J. North. G^{and} S. R. W.

Sand. Mountainous
Soil. 4th rate
Dense Undergrowth,
June 9th

North it sees 19th 2^d of
Pa 13:25 8

Ascend
Top of Ridge near E. ^{W.} W.
and descend Enter. 1st level
undergrowth.

2.00

Deep. Garton Co. Mansassand.

20.00

Top of Ridge and. descend.
Near E. ^{and} W.

37.00

An Oak. This diam. which I marked
14' 5" on W. side, dug pits 18' x 18" + 12" dia
3rd and 4th ^{3 1/2' 31' dist -}

40.00

Principal Meridian through
Chain S. G. North, G^{and} S. R. M.

12 vis in the ground for the
cor to see 7, 12, 13^{and} 18 marked
with 4 notches on S. and 2
notches on N. edges and raised
a mound of stone along side. It is
impracticable.

Land: Mountainous, rocky
and broken.

Soil, 3rd rate.

Dense Undergrowth.

North lat sees 7^{and} 12
Pa 13° 25' E

Ascending

22.00 Dry wash. Co S 85° E.

39.00 Bluff of rock 80 ft high
bears N. W. ^{and} S. E.

40.00 Set a Granite rock 24 x 20
+ 18 vis. 18 vis, on the ground

Principal Meridian through
chains T. G. N. & S. R. M.

For 14 see cor marked 14 on
W face and raised a mound
of stone alongside. It's im-
-practicable

68.00

Top of mountain, bears $N 7^{\circ} W$.

hence along N. E. slope of mountain

80.00

Set a Granite $18+16+12$ ins. 12
ins in the ground for the cor.

Lo sees $1. 6. 7$ and 12 . marked with
6 notches on S. and 1 notch on

N. edges and raised a mound of
stone alongside. It's impracticable.

Leas. Mountainous, rocky and
broken

Soil. 3rd rate.

Dense. Undergrowth scrub
Oak.

Principal Meridian through
chains T. G. N. G^{and} S. R. M.

North let see 1st 6.

Pa 18° 25' E

- 11.00 Descend N. E slope of
mountain
- 24.00 Dry Cañon Co East,
- 30.00 Cross dry wash. Co S 41° E
and ascend S. E. slope of
mountain. through ~~guttering timber~~
- 40.00 Set a Granite 20+12+6 ins. 15-
ins in the ground. for 14 see cor
marked 14 on W face. and raised
a mound of stone alongside. Pits
impracticable, from which
A Juniper 14 ins diam was
S. 34° E 7 lbs deep. Marked 14
S. B. T.
- No other trees within limits.
- 44.00 Dry wash Co East
- 53.00 Dry wash. Co East.
- 60.00 Top of mountain Ridge pass

Principal Meridian through
chains T. 9 North. 9^{and} S. R. M.

East, A High Peak of mountains
bears N. of line about 35^{ch} dist.

78.00 Dry wash Co N 20° E.

80.00 Set a Granite 14 + 10 + 8 ins.

9 ins in the ground for the
corn to T^{up} 9^{and} 10 North.

R^o 1 E^{and} 1 N. marked, with

6 notches on each edge, and

raised a mound of stone along its
side impracticable from which

A Pine 11 ins diam - bears

S 45° W. 5.4 lbs dist.

Marked T. 9. N. R. 1 N. S. 1. B. T.

A Pine 20 ins diam bears N. 64°

E. 76 lbs dist. Marked T. 90

N. R. 1 N. S. 31 B. T.

No other trees within limits

land. Mountainous

Soil. 3rd rate.

Principal Meridian through
chains T. 9 North. 9^{and} S. R. M.

Timber. Scattering Pine
and dense undergrowth.
I carefully examined the
adjustments of my solar
transit today, particularly
the latitude arc, reversing
apparatus and found them
correct.

J. B. McLaughlin

Aug 10th 1883.

through T. 10 north,
from the cor to Sp. 9^{and} 10
North. R. 18^{and} 19 on the 9^{and}
S. R. P. M. just set by me
I run

North Mt. sees 31^{and} 36

Val 13° 25' E

through scattering ~~the~~ large
pine along E side of mountain
range

Principal Meridian through Chain of 10 N. G^{and} S. R. M.

- 11.00 Dry wash. to East.
- 40.00 Set a Granite 24+12+7 ins
18 ins in the ground for 14
see cor marked 14 on W
face and raised a mound of
stone along side. It is impracticable
from which
- An Oak 20 ins diam bears N 43° W
27 lks dist. Marked 14 S. B. G.
- An Oak 8 ins diam bears N 73° E
38 lks dist. Marked 14 S. B. G.
- 67.00 Trail. bears E^{and} W, and
top of mountain (low divide)
bears E^{and} W
- 71.00 Descend N slope
- 80.00 A Granite Rock in place. 10
+ 8 + 3 feet ^{above ground}; which I marked with
a cross at the exact co-posit
for the cor to trees 25-30-31 ^{and} 36
marked with 1 notch on S. end

Principal Meridian through chain T 10 North. G^{and} S R. M.

5' notches on N edges, this corner
settling ^{down} ~~the~~ wash, (see N. E.), I raised
a mound of stone 24 lbs net of
corner. from which

A Pine 20 mis drain bears N 41° W
20 lbs dist. Marked T. 10 N.

R 1 N. S. 25. B. T.

A Pine 22 mis drain bears S 45° E
47 lbs dist. Marked T. 10 N.

R 1 E. sec. 31. B. T.

No other trees within limits
land. Mountainous rocky
soil. 8th rate

Timber. Dense Undergrowth
and scattering pine.

North 1st sec is 25 and 30

on 13° 25' E

Descend.

Principal Meridian through
chain T_p. 10 N., G² of S.R. M.

38.00

Descend along N N slope

40.00

Set a Granite 18+10+6 ins
12 ins; in the ground for 14 sec.
cor. marked 14 on N face.
and raised a mound of stone
alongside. Pits impracticable
from which

A Pine 16 ins diam bears S 40°
E 22 lbs dist. Marked 148

B.T.

A Pine 20 ins diam bears N 38° E 34
lbs dist. Marked 114 S.B.T.

A Pine 28 ins diam bears N 40° W
60 lbs dist. Marked 14 S.B.T.

80.00

Set a Granite 18+10+6 ins
12 ins; in the ground for the
cor to sec's 19, 24, 25, 30.
marked with 2 notches on S and
4 notches on N. edges, and
raised a mound of stone alongside

Principal Meridian through
 Chain of 10 N. & 9th S. R. M.

from which

A Pine 16 ins diam base $S 40^{\circ}$
 E 22 lks dist marked T 10 N
 R. 1 E. S. 30 B. T.

A Pine 20 ins diam base $N 88^{\circ}$
 E 84 lks dist. Marked T 10 N.
 R. 1 E. S. 19. B. T.

A Pine 28 ins diam base N
 40° W 50 lks dist, marked
 T 10 N. R. 1 W. S. 24. B. T.

No other trees within level
 surface, mountainous &
 sloping to $N. W$.

Soil. 2nd rate -

Timber. Scattering Pine
 Fir & Decid. undergrowth

Principal Meridian through
chain's T. 14 North. Gnd S. R. M.

North bet-ees 19. and 24.

Pa, 13.° 25' E

Descending.

5.00

Laird's Creek 2,000 feet below
the divide water flowing
20 lbs. mtr. to N 10° E. thence
down valley

19.00

Ascend S. E slope of mountain

29.00

Top of mountain ridge connects
met with main range and
extends east. about 80 chain's
Descend ²/₄ Lean timber

37.00

Dry wash to N. 67° E. and ascend

40.00

Set a Granite 18+12+6 ins. 12 ins
in the ground for 1/4 sec cor.
marked. 1/4 on W face. and
raised a mound of stone alongside
It's impracticable.

53.00

Top of Ridge 12,000 feet high
trans Eth N. and descends.

Principal Meridian through
chain 7 1/2 North. 5th and S. R. M.

71.00 Canon 800 ft deep to N 64°
E. and ascend.

76.00 Top of ridge bears S 40° E. and
Descend.

80.00 Set a Granite 18+14+10 ins, 12
ins in the ground for the corner
to see 13, 18, 19th and 24th marked
with 3 notches on N. and S. edges
and raised a mound of stone
alongside. Pitts impracticable
Lead Mountainous, main
range has West of line about
60 to 80 chains
Soil, 3rd rate.

Dense Undergrowth cuts down
and scrub oak.

June 12th 1883

North lot sees 13th and 18

to 13.25 'E.

Principal Meridian through
 chain S. 10 N. ^{and} S. R. M.

Descending along E slope of
 mountain

4.00

Deep wash. Co N. 30° E

12.00

Deep wash Co N. 68° E.

40.00

Set a Granite 22 + 18 + 1/2 in

17 ins in the ground for 1/4 sec
 cor, marked 1/4 in. W face and

raised a mound of stone along it
 it's impassable. from which

An Oak 6 ins diam bears East
 30 lbs dist. Marked 1/4 S. B. T.

A Pine 22 ins diam bears N.

75° N 97. lbs dist. Marked 1/4 S. B. T.

41.00

10 y wash. Co S. 64° E. and
 ascent over rocky point

50.00

Top of rocky ridge and descend.

68.00

Smith's Canon 1200 feet deep
 Co N 43° E good water the first
 on the line least timber
 and ascent S. E. slope of rocky

Principal Meridian Through

town of 10 N. G. & S. R. M

mountain.

5000 Set a Granite 18x14x12 ins. 12
ins in the ground, for the
cor to see's 7.12.13rd 18. marked
with 4 notches on S. and 2
notches on N edge and raised
a mound of stone along side
Pis-impracticable.

Surface. Mountainous and
rocky.

Soil. 3rd rate.

Timber. Scattering pine and
oak brush. Dense undergrowth-
sawed

North ht. see's 7th 12

Pa 13:25:8

Ascending

5500 Top of mountain ridge bears N. 45° E.

Principal Meridian through
Chain N^o 10 N. (by S. R. M.)

and S. 45° W. 900 feet high
and descend.

40.00 Set a Granite 18+14+10 in
12 in in the ground for 1/4
see cor. marked 1/4 on W
face. and raised a mound
of stone along it. Pls in -
practicable.

46.00 Cañon 1100 ft deep. to
N 45° E. and ascend.

72.00 Top of Mountain ridge. 600 feet
high Pass N. 20° E., main ridge
range. Pass West of line about
40 chains distant. and
descend.

80.00 Set a Granite 18+18+8 in
12 in in the ground for the
corner to sec. 1. 6. 7 and 12.
marked with 6 notches on S
and 1 notch on N. edges

Principal Meridian through
Chains T10 N. S. & S. R. M.

and raised a mound of
stone alongside. Pile
impracticable.

Surface. Mountainous & rocky
Soil, 4th rate.

Timber. Dense Cats claw
and Buck brush.

Good indications of Gold
and Silver

North set sees 1 and 6

Pa 13° 28' E

Descending

8.00 cross cañon to N. 67° E
and ascend through scattering
oak timber.

23.00 Trail. cross N 40° S and S
40° W and

40.00 Set a Granite 18+16+8 ins

Principal Meridian through
Chains 710 N. G and S R M

12 ins in the ground for 1/4
see cor marked 14 on W face
and raised a mound of stone
alongside. Pile impracticable
from which

An Oak 8 ins diam base E 87° W
38 lbs dist. Marked 14 S.R.F.

An Oak 4 ins diam base N 84° W
48 lbs dist. Marked 14 S.B.E.

Lean timber base E and W.

A granite rock 4+3+3 ft
above ground. for cor to

7 1/2 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th
marked with a cross (+) at
exact-corner points.

and 6 notches ^{each} on edge, and
raised a mound of stone on
top of rock.

Sand Mountainous.

Soil, 4th state, very sandy

48.50
80.00

Principal Meridian through

Canyon, T^h. 11 7. G^W S^R M.Timber Scattering oak. 40
Canyon. Dense undergrowth.June, 13th 1883

from the cor. to opps 10' and 11' N. P. E. and 1' W.
on the G. and S. R. M. P. M. Just before cor.
about North between 31 and 36
of a 13925'

Ascending along S. E. slope

- 12.00 Canyon Co 8.
31.00 Canyon Co 8
38.00 Top of high Rocky butte
800 ft high bears E and W
and descend North slope
46.00 Set a Granite 18+12+8 ins
12 ins in the ground for 74
see cor. marked 74 on W
face. and raised a mound
of stone alongside. Pits
impracticable.
70.00 Cross Dry wash. 60 lbs
with Co N 35° E. and ascend

Principal Meridian

Chain T. 11 North. 3rd S.R. W

- 7600 Top of Ridge bears N. 35° E
and S 35° W. and descend.
- 80.00 Set a Granite 20 x 10 x 4 in
15 in in the ground for
the cor 20 sec 20-30. 31
and 36. marked with 1
notch on S. and 5 notches on
N edges and raised a mound
of stones alongside. This
impermeable.
- Land. Mountainous ^{and rocky}
Soil. 8th rate.
Dense Undergrowth.
no timber

North W sec 25 and 30
W 13: 25: E
Descend on foot hill
of mountain.

Principal Meridian through

Chain T. 11 N. G^{and} S. R. M

- 25.00 Dry wash. Co N. 31° E.
- 29.50 Dry wash. Co N. 53° E.
- 34.00 Top of mountain ridge has
E^{and} W. and descent.
- 36.20 Dry wash Co E^{and} ascent.
- 39.23 Pack trail has E^{and} W.
- 39.93 Same trail has N 45° E and
S 45° W
- 40.00 Set a Granite stone 20 x 8 x 6 ins
15 ins in the ground for 1/4 sec
cor marked 1/4 in N face
and raised a mound of stone
alongside. Pits impracticable
- 41.90 Same trail has N 60° W
and S 60° E.
- 44.00 Top of ridge has N 60° W
and S 60° E and descent.
- 52.00 Dry wash. Co S 30° E and
ascent.
- 70.00 Top of ridge has E^{and} W
and descent

Principal meridian through
Chain 11 N. D. and S. R. M

70.50

mining shaft, 20 ft deep

80.00

Set a Granite 24 + 12 + 6 ins
18 ins in the ground for
the corner sees 19.24.25 ^{and} 30
marked with 2 notches on
S. and 4 notches on N
edges and raised a mound
of stone alongside. Pits
impracticable.

Land. Mountainous ^{and}
Rocky.

Soil 4th rule.

Dense Undergrowth.

Peck's mining town
is near this corner.

North sees 19 ^{and} 24
Va 13° 25' E

Resurveying

Principal Meridian through

Station 4.11 N. G²⁴ S. R. M.

- 5.00 Cross Dry wash. Co E.
trail in same and ascend.
- 30.00 Top of ridge bears E²⁴ N
and descend.
- 39.20 Dry wash. Co N 10° E. and
ascend over point - bridge
- 40.00 Set a Granite 22 + 14 + 7 ins
16 ins in the ground for 1/4
see ev marked 74 on N
face and raised a mound
of stone alongside. Pits
impracticable.
- 45.00 Same Dry wash Co N 11° N
and ascend over point - B
ridge.
- 66.00 Same Dry wash and
wagon road. Co N. 12° E. road
bears N 12° E. + S 12° W.
- 69.10 Wagon Road bears N 15° N
and S 15° E. and same wash
Co N 15° N. and ascend over

Principal Meridian through
Chain T. 11 North. G² & P. R. M

rocky point.

76.20 Road bears E⁴⁵ W.

76.56 Same wash. Go E and
ascend over ridge

80.00 Set a Granite rock 24
+12+6 ins. 18 ins in the
ground. for the cor 20-
see 13. 18. 19^{and} 24. marked
with - 3 notches on N and
S edges and raised a
mound of stone alongside
Pits imperceptible
from which

an Oak 14 ins diam bears
S 61° E. 40 lbs dist; marked
T. 11 N R. 1 E. S. 19 B T.

No other trees within
limits -

Land. Mountainous; on
both sides of line.

Principal Meridian Trough

Chain T. 11 N. G. S. R. M.

Soil. 8th sec.Terra Scattering Oak
Lance Undergrowth.
June 17th, 1883.North lat secs 13^{and} 18
Pa 13° 25' E

Descending

- 2.30 Same road bears N 6° E.
- 3.10 Same road. Co N 20° W
and ascent, rocky ridge
- 9.50 Cañon ^{2.00 up ridge} Co N and ascent
- 19.50 Top of mountain ridge
bears E. and W. connects with
range. about 60 chains
east, and descends along N
slope.
- 34.00 Cañon Co E. 120 ft deep
- 40.00 Granite Stone 16 + 14 + 4 ins
11 ins in the ground for 14 sec

Principal Meridian through
 chain 11 N of ^{1/4} Sec 18

- cor. marked. $\frac{1}{4}$ on N
 face and raised a mound
 of stone alongside. Pile
 impracticable.
- 44.50 Cañon 200 ft deep to N.
- 68.00 Cañon 100 ft deep to N.
- 72.00 Cañon 40 ft deep. Co
 S 30° W. and ascert.
- 80.00 Set a Granite 24+12+two
 18 ins in the ground for
 the cor to Secs 7, 12, 13 ^{and} 18
 marked with 4 notches
 on S. and 2 notches on
 N edges and raised a
 mound of stone alongside.
 Pile impracticable.
 Level Mountainous
 Soil. No sale.
 Dense Undergrowth

Principal Meridian through

Chain N. 11 N. Gnd S. R. M.North 41 sees 7th and 12

Ta 13° 25' E

Ascending.

3:00 Top of divide runs End and W.
and descend over mountain
ridges and gulches.

40.00 Set a Granite 1871446 as
12 ins in the ground for 14
see cor marked. 14 in N.
face and raised a mound
of stone alongside. Pits
impracticable, from which
a Juniper & pine drain runs
S 45° W. 10 lbs dists marked 14
S. B. T.

No other trees within
limits.

46.00 Canyon 400 ft below divide
to W and ascend S. W slope
of mountain

Principal Meridian through
Chain No. 11 N. 9th S. R. M.

- 55.30 Top of mountain bears
E and W. High peak of
mountain bears E about
60 chains.
- 61.00 Cañon 400 feet deep bears
S 78° W. and ascend.
- 74.00 Top of mountain ridge
bears E and W and descend
- 80.00 Set a Granite 20 1/2 ft
15' in in the ground for
the cor to see's 1. 6. 7th 12
marked with 5 notches
on S. and 1 notch on N
edges, and raised a mound
of stone alongside. Pits
impracticable. Point of
rock 8 ft high to the west
of corner.
Land Mountainous
Soil. 4 to gate.

Principal Meridian through
chain of 11 North. 9th S. R. M.

Dense, undergrowth -
of oak.

North at top 1st 6
NW 13° 25' E

Descending.

- .80 Dry wash. bet N 20° W.
and ascend over mountain
ridge.
- 11.50 Top of same and descend
tars N W and S. E.
- 21.50 Peak creek 40 lbs water
bet E. good water.
- 22.00 ascend.
- 38.00 Top of mountain ridge
tars E and W and descend.
- 40.00 Check Rock 20 + 16 + 7 ins
13' ins in the ground for 14

Principal Meridian through
Chain S. 11 N. E^{and} S. R. M.

- see cor marked 14 on
N face and raised
a mound of stone alongside
Pits - impracticable.
- 50.00 Turkey Creek 80 lbs
wide to E^{and} ascend
- 57.00 Top of Ridge, pass E^{and} N
and descend.
- 68.00 Dry wash from West and
one from N.E. unite and
flow S 47° E.
- 73.00 Wagon Road runs N 5° E.
and S 50° N. and ascend
- 80.00 Set a Slate Rock 20+8+6
in 15' vis in the ground
for the cor to Tps 11^{and}
12 N R. 1 E^{and} 1 N. marked
with 6 notches on each
edge and raised a mound
of stone alongside.
Pits - impracticable

Principal Meridian through
Stations T. 11 N. G. W. S. R. M.

Land Mountainous and
rocky.

Soil. 3rd rate.

Dense Undergrowth of
Oak.

Principal Meridian through
chain T 12 N. E^{and} S. R. M

From the cor to Tps:
11^{and} 12 M. R's 1 E^{and} 1 W
Just set by me
I run

North pt sees 31^{and} 36
Val 13:25 E

ascending

100

Top of mountain Ridge
bars E & W. and thence
ascending over mountain
ridges and gulches.

40.00

Set a Granite 16 x 12 x 6 in
N in the ground for
the 14 see cor marked
14 on W face and raised
a mound of stone
along side. It is impracticable

48.00

Dry wash 120 ft deep to
N 35° E.

73.00

Dry wash to N 26° E.

Principal Meridian through
Chain T. 12 N. R. 9 E. S. R. M.

- 78.20 Dry wash to East 20 ft
deep. and ascend S. E.
Slope of mountain.
- 80.00 Set a Granite 19+6+6 ins
12 ins in the ground for
the cor & sees. 25-30-31 ^{and 32}
marked. with 1 notch on S
and 5 notches on N edges
and raised a mound of stone
alongside. Ditch impracticable.
Land. Mountainous and broken
High mountain ridge East of
line.
Soil - Fert. soil.
Timber. Dense Undergrowth

North lot sees 25-⁹⁴ 30

Pa 13-25-8

Ascending S. E. slope of
mountain.

Principal Meridians through
 Chain T. 12 N. G and S. R. M.

- 10.00 Top of mountain ridge
 and descent.
- 16.00 ~~Dry wash~~ ^{Canyon} 200 ft deep
 to S. 41° E. and ascend.
- 33.00 Top of Mountain ridge
 200 ft high to N. W. and
 S. E. and descent. N. E
 Slope.
- 40.00 Granite Rock 22 + 14 + 4 in
 16 in in the ground for 14
 see cor marked 14 on N
 face and raised a mound
 of stone alongside. Pile
 impracticable.
- 47.00 Dry wash 400 ft below
 ridge to S 38° E. and ascend
 S. W. slope
- 50.00 Set a Granite 36 + 12 + 4 in
 27 in in the ground for the
 cor to seas. 19. 24. 25 and 30

Principal Meridian through
Chain T. 12 N. - G^W S. R. M.

marked with 2 notches on
S and 4 notches on N. edges
and raised a mound of stones
alongside. Site impracticable
Land. Mountainous ^{and} rocky.
Soil. 8th rate.

Worse Undergrowth, some
grass. No water. High mountain
mat of lice.

North bet. sees 19 ^{and} 24
Pa 13°-25' E

Ascending

300

Top of mountain ridge. 500
ft high ^{high} S 40° E. ^{and} N. 40° W and
Descend.

33.00

Cliftant Creek, 700 ft below
the mountain ridge to S. 43°
E. - good water - and ascent.

Principal Meridian through Chain S. 12 N. E. ^{and} S. R. M

- S. W. Slope
- 40.00 Granite 18 + 16 + 8 ins. 12 in
in the ground for 1/4 sec
con marked 14 on N face
and raised a mound of
stone alongside. Pits im-
-practicable.
- 39.00 Top of first bench of fountain
800 ft above creek and
continues ascent.
- 30.00 Set a Granite 20 + 12 + 6 ins
15 ins in the ground for the
con to see 17, 18, 19 ^{and} 21.
marked with 3 notches on
N ^{and} S Edges and raised a
mound of stone alongside
Pits impracticable.
- Land. Mountainous
Soil. 3rd rate.
Dense Oak brush, some
grass

Principal Meridian through
 Chain C. 12 N. G. and S. R. M.

North Pt. sec's 13rd 18
 Pa 13° 25' E

Ascending.

- 25:70 Road trans. E. and W.
 40.00 Set a slate stone 16+10+4
 ins 11 ins in the ground for
 14 sec con marked 14 in
 N face and raised a mound
 of stone alongside. Pit's
 impracticable and along E
 slope of mountain
- 50.00 Set a slate stone 19+12+4 ins
 12 ins in the ground for the
 cor to sec's 7, 12, 13rd and 18, marked
 with 4 notches on S face
 2 notches on N edges and
 raised a mound of stone
 alongside. Pit's impracticable
 Sand. Mountainous

Principal Meridian through
 Station N. 12^{th} N. 9^{th} S. R. M

Soil. 3rd rate
 Dense Undergrowth
 some grass
June 15th 1883

North Mt. sees 7^{th} and 12^{th}
 Va $13^{\circ}25' \text{E}$

Ascending

40.00 Set a Malpais 20 + 10 + 8 in
 15 in in the ground for 14
 see cor. marked 14 on N
 face. and raised a mound
 of stone alongside. Pile
 impracticable.

79.00 Top of Malpais ledge on
 side of Mountain Pass
 730°S and 80°N .

80.00 Set a Malpais 18 + 10 + 6 in
 12 in in the ground for
 the cor to sees 1. 6. 7^{th} and 12^{th}

Principal Meridian through
 Chain $S. 12 N. E$ and $S. R. W$

marked with 5 notches on
 S. and 1 notch on N edges
 and raised a mound of stones
 alongside. Dies impracticable
 from which

A Juniper 5 ins diam bears
 $N. 15^{\circ} W. 17$ lks dist

Marked $S. 12 N. R. 1 N. S. 12 B. 9$

No other trees within limits
 Land. Mountainous
 Soil. B^{nd} rate.

Dense Oak brush some
 grass.

North lot sec 1 $9/6$

$Pa 13^{\circ} 25' E$

Ascending

25.00

Departing Co $S 46^{\circ} W$

40.00

Set a Malpais $12 + 10 + 5$ rods

Principal Meridian through
Chain S. 12 N. E ^{and} S R. M.

80:00
8 ins in the ground for 44
see cor marked 44 m
W face and raised a mound
of stone alongside. Pils
^{irretrievable.}
Set a Slate Stone 16+12+6 ins
as ^{one} corner of old standard corner

11 ins in the ground for the cor
to Sp. 12 ^{and} 13 N. R. S. 1 E + 1
N. marked with 6 notches on
each edge and raised a
mound of stone alongside. Pils
^{irretrievable.}

A-1 - This point - I should have
intersected the ^{3rd} Standard
North. But finding no corner
I continue north on extension
of Sp. 12 N.

Surface. Mountainous
Soil. 3rd rate

Dense Undergrowth of brush

continued

Principal Mountain, through
Chain 12 N. G^{and} S. R. M

North in excess of Sp.
12 N.

Ja 13° 25' E

Ascending

7.00

Top of Divide about 3000
feet above the Agua Fria
valley. This is a malpais
mountain and extends East
about 100 chains and widens
towards the west.

Descend.

40.00

Set a Quartzite rock 16+14
+ 6 ins. 11 ins in the ground
for 1/4 sec cor. marked 1/4 on
N. face and raised a mound
of stone alongside. Pits
impracticable.

57.60

Dry wash. Co N. 40° E. sand
scattering pine and oak
along wash.

Principal Meridian Extended
Chain through T. 12 N. G. & R. M.

- 65.00 Vine posts 30 lbs wide
bes East. Walnut oak
^{and} cherry timber along
course, ascert.
- 80.00 Set a slate stone 14+10+6
ins. 9 ins in the ground for
first mile ⁱⁿ of excess of
T. 12 N. R. 1. 851 N. marked
with 1 notch on S edge.
and raised a mound of stone
alongside. It's impracticable
to get up top of ridge.
Sand. Mountain
Soil. ³⁰⁰ rats.
^{at} Timber along gulches.

Principal Meridian Extended
 through S. 12 N. G. & S. R. M.

North in excess of S. 12 N.

Pa 13. 25' E

Ascending over ridges and
 gulches drains east.

13:00 Dry wash. Co S34° E.

40:00 Set a Slate Stone 14+12+6 ins

9 ins in the ground for 1st sec
 cor. marked. 1/2 on N. face.

Also raised a mound of stone
 alongside. File impracticable.

80:00 Set a Slate stone 16+12+6 ins

11. ins in the ground for the
 second. mile in excess of

S. 12. N. R 1 E. 41 W. marked
 with 2 notches on S edge

and raised a mound of stone
 alongside. File impracticable

Land Mountainous

Principal Meridian in Excess
Chain of Sp. 12. N. 9th S. R. M.

Soil. 2nd rate.

Dense Undergrowth of
manzanita brush.

North in excess of Sp.
12 N.

To 13° 25' E

Ascending S. slope.

31.00

Top of divide. Pass 8th N.
and descent. N. slope to

Big bug gulch.

40.00

Set a Stake Stone 18" x 10" x 6" in

12 in in the ground, for
"4 sec cor. marked "4 on

W face. and raised a mound
of stone alongside. Pits
impracticable.

56.20

Dry wash. Co N. W.

56.10

Dry wash. Co N 80° W

Principal Meritans in Excess

Chain of Sp. 12 N. G⁴ S. R. M.

76.20

Maining ditch to N. 70° E.

78.60

Big-bug gulch. to East

79.60

Road. bears N. 75° E ^{and} S 75° W.

80.00

Set a Granite stone

12 + 12 + 4 ins. 8 ins in
the ground for the third
mile in excess of Sp 12.N. R_s 1. E + 1 N. marked

with 3 notches on S edge

and raised a mound of
stone alongside. Pts.

imperceptible..

Land Mountainous

Soil. 3rd rate~~None~~ Undergrowth

Principal Meridian in Excess

Chain of T. 12 N. G^{and} S. R. M.

North in excess of Sp. 12.
North.

$\text{N } 13^{\circ} 25' \text{ E.}$

0.80

Lynn Creek road near 8^{and} 11

16.00

Mining Ditch Co East.

22.10

Mining Ditch Co East

27.24

Intersect 3rd Standard Parallel

North 2 Chain^{and} 49. Ch East

of the Standard Meridian Cor.

to Sp's 13 N. R's 1, E, 1, W.

Which is.

A Post 4 ins square set firmly
in the ground. Properly marked
and notched - as per old instructions -
with mound of stone raised
around post.

Set a Granite 18 + 12 + 6 ins. 12

ins in the ground for the closing

Cor to Sp's 12 N. R's 1, E^{and} 1 W.

Principal Meridian in Excess of
 Chain 7.12 N. E. and S. R. M.

marked C. C. with 6 notches
 on E^{and} W. edges and raised a
 mound of stone along side. Pitts
 impracticable.

Land Rolling.

Soil. 2nd ^{and} 3rd out.

Dense cedar and oak
 brush.

I carefully examined the
 adjustments of my solar
 transit, to say particularly
 the latitude and reversing
 apparatus and found them
 correct.

J. B. M. Laughlin
 June 16th 1883

Principal Meridian through
Chains T. 13 North. G and S R M

- 40.00 Set a Granite 20+14+6 ins
15 ins in the ground for 1/4
sec cor. marked 1/4 on W
face and raised a mound
of stone along side. Ditch
impracticable. Ascend.
- 44.00 Top of Divide about 500
feet above creek base
E and W and Descend
- 79.14 Intersect. 3^d Standard
Parallel North 2 chains and
18 lbs west of the ^{Stauberg} Meridian
corner to Sp^s 12th and 13. N. R^s
18. + 1 W., and
Set a Granite 18+10+9 ins
12 ins in the ground for the
closing cor to Sp^s 13 N
R^s 1, E and 1, W. marked C.C
with 6 notches on E. W. + W

Principal Meridian through
 Davis T. 13 North. G and S. R. M.

Edges and raised a mound of
 stone alongside. Pits im-
 practicable

Land. Mountainous ^{and rocky}
 Soil. 3rd rate

Weise Undergrowth -
 June 17th 1883

For final data
 See Book No. 2.

242
 212
 260
 260
 260
 306.22

No. 1342

U. S. Surveyor General's Office,

Tucson, Arizona, 188

The foregoing Field Notes of the Survey of the

Principal Meridian through

Tps. 5, 6, 7, 8, 9, 10, 11 & 12 and

part of Tp. 13 North

Ranges 1 E and 1 West

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by Johnston B. McLaughlin

Deputy Surveyor, under his contract of the 16th

day of May, 1883, having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved

J. W. Robbins
Surveyor General.