

Book No 1

of

Subdivisions

of

Fractional T. 26 N. R. 30 E.

Lamport Contract No 64.

4-671

BOOK 517

517

FIELD NOTES

GENERAL LAND OFFICE.

Approved by Comm's. FEB'Y. 10 - 1902.

No. 517

See back of book for
index - pgs. 1 to 4

Field Notes
of the survey of the
Sub-Division Lines
of
the fractional township 26 North
Range 30 East of the Gila
and Salt River Meridians
in the Territory of Arizona
as surveyed by
Jas. A. Sampson
U.S. Deputy Surveyor
under his contract No. 64
Dated April 30th 1900

Survey commenced Sept. 7th 1900
Survey completed Sept. 17th 1900

Subdivision of

Survey commenced Sept. 7th 1900.
with a D. H. and L. E. Gurley
Transit No 15 with a solar
attachment, The horizontal limb
is provided with two double
verniers placed opposite to
each other, and reading, to
single minutes of arc:
which is less the least
count of the verniers of the
latitude and declination arcs.

The instrument was examined
tested on the true meridian &
at Tucson found correct
and was approved by the Surveyor
General for Arizona Aug. 12th 1900.
Having tested my instrument on
the true meridian, established by
me at the S. H. cor of the township

J. 26 N. R. 30 E.

on Sept. 3rd 1900. I proceed with the Survey of the Sub. divisional lines of the Township.

I commenced at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp. which is a sand stone $20 \times 8 \times 5$ ins. 7 ins. above the ground.

established by me Sept. 5th 1900 properly marked and witnessed.

Sept 7th 1900 I set off $6^{\circ} 3'$ on the decl. arc and at 12^h 00 m.

l. m. t. observe the sun on the meridian, and obtain on the lat. arc the reading $35^{\circ} 36'$ which is the lat.

Sept. 7th at 2^h 03' P.M. l. m. t. I set off $35^{\circ} 36'$ on the lat. arc $6^{\circ} 1^{\circ} N.$ on the decl. arc

Subdivision of

- Chains and determine a true meridian, with the solar at the cor. already described.
Thence run
N. $0^{\circ} 01'$ W. bet. sec's. 35 and 36
Over level ground.
- 40.00 Set a sand stone $15 \times 12 \times 5$ ins.
10 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 35° on W.
face 36 on E. face, and raised
a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high W. of cor. pits
unpracticable
- 80.00 Set a sand stone $18 \times 12 \times 4$ ins.
12 ins. in the ground, for cor.
to sec's. 25, 26, 35 and 36
marked with 1 notch on S. and
E. faces and dig pits $18 \times 18 \times 12$ ins.
in each sec. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth 4 ft.

J. 26 St. R. 306.

BOOK 517

9

base 2 ft. high St. of cor.

Land level.

Soil adobe 2nd rate.

No timber.

Subdivision of

chains

East on a random line
bet. secs 25 and 36

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.10

Intersect E. bdy. of tp. 5
lks. N. of cor. of secs 25, 30
31 and 36

Thence I run N. $89^{\circ}58'$ W.
on true line over level ground
bet. secs. 25 and 36

40.05

Set a sand stone $70 \times 8 \times 6$ ins.
 $1\frac{1}{2}$ ins. in the ground, for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. 25 on N. face
36 on S. face and raised a
mound of stone 2 ft. base $1\frac{1}{2}$
ft. high N. of cor.
pits impracticable

41.80

Black creek 100 lks. wide bears
S. 70° W.

80.10

The cor. of secs. 25, 26, 35 and 36.
Land level

9. 26 N. R. 306.

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//

chains

Soil adobe and sandy 1st. and
2nd. rate.
No timber

N. 0° 1' St. bet. secs 25 and 26

Over level ground

40.00

Set a sand stone 18x10x5 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cov. marked $\frac{1}{4}$ S. 26 on St. face
25 on E. face and raised a
mound of stone 2 ft. base $1\frac{1}{2}$
ft high N. of cov. from which
a pinion 5 ins. in diam.
bears N. 30° St. 207 lks. dist.
marked $\frac{1}{4}$ S. 26 B.T. no other
trees within limit.

40.50

Ascend over E. slope of butte
100 ft. high

4300

Top and descend

Subdivision of

Chains 50.00	Bottom slight ascent over rolling ground
74.00	Wash 50 lbs. wide bears S. 35° E.
80.00	Set a sand stone 15x8x6 ins. 10 ins. in the ground, for cor. to sec. 23, 24 25 and 26 marked with 2 notches on S. and 1 notch on E. edges and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. from which A pin oak 8 ins. in diam. bears S. 88° N. ^{50 lbs. dia.} marked T. 26 N. P. 30 E. S. 26 B. T., no other trees within limit. Land level and rolling Soil sandy and stony 2 nd and 3 rd rate Timber scattering cedar and pin oak

J. 26 N. R. 30 E.

	East on a random line bet. Secs. 24 and 25
40.00	Set temp. $\frac{1}{4}$ sec. cor.
30.06	I intersect E. bdy. of tp. at cor to secs. 19, 24, 25 and 30 which is a sand stone 16x14x5 ins. 6 ins. above ground marked and witnessed by me. Thence I run
	N. on true line bet. Secs. 24 and 25 over level and rolling ground Leaves valley bears N. and S. slight ascent
10.00	
18.00	Top. Descend
20.00	Bottom. Ascend
40.03	Set a sand stone 12x10x5 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 24 on N. face 25 on E. face. dig pits 18x18x12 ins. E. and W. 3 ft. dist. and raised a

Subdivision of

chains

mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$
ft. high N. of cor.

80.06

The cor. of secs 23, 24, 25 and 26

Land level and rolling.

Soil Sandy and stony 2nd and
3rd rate.

No timber

J. 26 N. R. 30 E.

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15-

chains

North $0^{\circ} 1'$ St. Mt. sec 23 and 24

Over rolling ground
through scattering faders.

Slight descent.

20.00 $\frac{3}{4}$ Slight descent bears E and St.

40.00 Set a sand stone $15 \times 8 \times 4$ ins.
on stony ground in a mound
of stone for $\frac{1}{4}$ sec. cor. marked.
 $\frac{1}{4}$ 23 on St. face 24 on E. face
from which

A cedar 8 ins. in diam.

bears S. 12° E. 63 lks. dist

marked $\frac{1}{4}$ S. 24 B. T.

A cedar 8 ins. in diam. bears

N. 89° St. 80 lks. dist marked

$\frac{1}{4}$ S. 23 B. T.

51.50

Dragon road bears N. E. and S. W.

61.00

Fence ^{down} N. 80° W. claimant

Sam. Day

70.00

Steep descent bears E and W.

Subdivision of

chains 71.50	Spring branch 10 lks. wide bars S. 80° E. enter valley bars East
72.50	Wash 70 lks. wide bars S. 85° E.
76.00	Leaves valley bars E. and St.
76.50	Ascend small hill bars E and W.
77.50	Top Ascend
78.00	Fence bars E. and St. Sam. Way claimant
80.00	Bottom.
80.00	Set a sand stone 15x10x6 ins. 10 ins. in the ground. for cor. to secs. 13, 14, 23 and 24 marked with 3 notches on S. and 1 notch on E. sides and raised a mound of stone 7 ft. base 1½ ft. high W. of cor. pit impracticable from which, N.W. cor. of Sam. Way's house bars S. 38° 30' E. 17.00 chs. dist

J. 26 N. R. 30 E.

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17

chains.

Land level and rolling
Soil sandy and stony 1st and 3rd rate
Timber scattering cedar

September 8th 1900

At 7^h 0' a.m. l.m.t. set off
35° 38' 30" on the lat. arc
5° 46' 42" N. " decl. "

and determine a true meridian
with the solar at the cor.
of sec's. 13, 14, 23 and 24

Then I run

East on a random line ^{bet. sec's 13 and 24}

over rolling land

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.00

Intersect E. bdy. of the tp. at
the cor. of sec's 13, 18, 19 and 24
previously set by me ^{May 5th} which is
a sandstone 15' x 14' x 3' in. 5' in

Subdivision of

Chains above ground, properly marked and witnessed.

Thence down

8.00 W. on true line ^{BET. Secs 13 & 24.} over level ground
Black creek 100 lks. wide bears

S. 10° E

12.00

Leave valley bears N. and S.

slight ascent over rolling ground

40.00

Set a sand stone $20 \times 12 \times 5$ ins. 13 ins. in the ground, for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ S. 13 on N. face 24 on S. face from which

A pinion 6 ins. in diam. bears N. 66° E. 149 lks. dist. marked $\frac{1}{4}$ S. 13 B.T.

A pinion 12 ins. in diam. bears S. $64^{\circ} 30'$ E. 164 lks. dist. marked $\frac{1}{4}$ S. 24 B.T. Cor. faces on E.

bank of ~~Bluestone~~ wash

G. 26 N. R. 30 E.

Chains

40.20

Wash 15 lks. wide bears S.
10° W.

57.00

Wagon road bears N. 50° E.

65.50

Fiber bears N. and S. Claimant
Jann. way.

74.50

Enter meadow bears N. and S.
Claimant Jann. way

79.00

Leave meadow bears N. and S.

80.00

The cov. to sec's 13, 14, 23 and 24

Land level and rolling
Soil above sandy and stony
Timber scattering cedar and pine

Subdivision of

chains

North $0^{\circ}1' W.$ bet. Secs 13 and 14Over level and rolling
ground.

5.00

Meadow bears N. $30^{\circ} W.$ claimant

Sam. way

11.00

Leaves meadow ascend W.

Slope of hill bears N. W. and S. E.

19.00

Fence bears E. and N. claimant

Sam. way

19.50

Wash 30 lks. wide bears S.

 $80^{\circ} W.$

34.15

Wagon road to Gallup bears
E. and N.

40.00

Set a sand stone $20 \times 12 \times 4$ ins.on stony ground in mound
of stone for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face 13 on E. faceand raised a mound of stone 2
ft. base $1\frac{1}{2}$ ft. high W. of cor.

pits impracticable

S. 26 N. R. 30 E.

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chains

49.00

Wagon road bears N. 30° W.

76.40

Intersect S. bdy of Navajo Indian Reservation.

Set a sand stone 20x12x3 ins. 13 ins. in the ground for closing corner of sec 13 and 14 marked C.C. on S. with 4 grooves on S. face and 1 groove on E. edge and raised a mound of stone 2 ft. base 1 1/2 ft. high S. of cor. fits impracticable

From which the 45 mile cor. S. bdy. Navajo Indian Reservation bears E. 380 lks. dist. which is a sand stone 20x12x3 ins. in mound of stone marked 45 N.R.L.

Land level and rolling

Soil 1st and 3rd rate

Timber scattering cedar and fir

Subdivision of

Chains

East on a random line S. bdy. of Navaj. Indian Reservation line. N. bdy. of sec. 13.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.00

Intersect cor. to secs 13 and 18
P. fence drain

30.00

W. on true line N. bdy. sec. 13
Dash 70 lks. wide bears S. 45° E.

40.00

Set a sand stone $30 \times 10 \times 8$ ins. on stony ground in mound of stone for closing $\frac{1}{4}$ cor. marked $\frac{1}{4}$ S. 13 C.C. on S. face from which a cedar 10 ins. in diam. bears S. 45° E. 27 lks. dist. marked $\frac{1}{4}$ S. 13 C.C. B. T. No other trees within limit.

41.00

Ascend over rolling ground through thick cedar and pinon timber, bears N. and S.

J. 26 N. R. 30 E.

chains

54.00

Top and descend

60.00

Foot of slope bears N. and S.

80.00

The cor. of sets 13 and 14

Land level and rolling

Soil sandy and stony and land ^{is} ~~at~~ ^{rate}

Timber Cedar and pine

Mountainous and thick timber 40 chs.

Subdivision of

chains

From the cor. of sec's 2, 3, 34 and 35 on S. bdy. of Twp. which is a sand stone $18 \times 10 \times 4$ ins. 6 ins. above ground, properly marked and witnessed, and previously set by ^{Sept 4th} me ~~me~~ in

No° of w

~~N. 0° W.~~ bet. sec's 34 and 35

Over rolling ground through thick cedar and pinion timber.

4.00

Descend abrupt into Canyon 50 ft. deep bears E. and St.

18.50

Wash 30 yds. wide bears N. 60° E. ascend

35.00

Leaves dense cedar and pinion timber bears E. and St. thence through scattering cedar and large sage brush

40.00

Set a sand stone $20 \times 6 \times 6$ ins. on stony ground in mound of stone for its sec. cor. marked

T. 26 N. R. 30 E. BOOK 517 28-

chain $\frac{1}{4}$ S. 31° W. face 35 on E face
from which
A cedar 5 ins. in diam.
bears S. 20° W. 283 lks. dist.
marked $\frac{1}{4}$ S. 35 B. T.

No other trees within limit.

46.00 Dragon road bears N. 85° E.

75.00 Wash 20 lks. wide 30 ft. deep
bears S. 60° E.

80.00 Set a sand stone 20 x 12 x 3 ins.

13 ins. in the ground for cor.
to sec's 26, 27, 34 and 35.

marked with \dagger notch on S.

and 2 notches on E. edges

from which

A pinion 7 ins. in diam. bears

N. 47° E. 165 lks. dist. marked

T. 26 N. R. 30 E. S. 26 B. T.

A pinion 10 ins. in diam. bears

S. 41° E. 174 lks. dist. marked

Subdivision of

T. 26 N. R. 30 E. S. 35 B. T.

A pinon 6 ins. in diam bears
N. 32° W. 212 lks. dist. marked

T. 26 N. R. 30 E. S. 27 B. T.

No other trees within limit.

Land level and rolling

Soil sandy and stony 3rd and 4th rate

Timber Cedar and pinon.

Scattered cedar and pinon timber and
large sage brush 80 chs.

J. 26 N. R. 30 E.

- Chains. East on a random line bet. Secs.
26 and 35
- 40.00 Set temp. $\frac{1}{4}$ sec. cov.
~~80.06~~
80.04 Interest N. and S. line at
cov. of secs 25, 26, 35 and 36
The level run
- W. on a ^{true} random line bet. Secs
26 and 35 over level and
rolling ground
- 40.02 Set at sand stone 12x12x4 ins
8 ins. in the ground, for $\frac{1}{4}$ sec.
cov. marked $\frac{1}{4}$ 26 on N. face
35 on S. face and raised a
mound of stone 2 ft. base $1\frac{1}{2}$ ft.
high N. of cov.
Pits impracticable
- 50.00 Ascend through thick cedar
and pine in timber bears N and S.
The cov of secs 26, 27, 34 and 35
~~80.06~~
80.04

Subdivision of

chains	<p>Land level and rolling</p> <p>Soil adobe and sandy 2nd and 3rd rates</p> <p>Timber cedar and pinion</p> <p>Thick timber land 30 chs.</p>
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September 9th 1900

At 8^h 0' a.m. l.m.t. I set off
 35° 37' N. on the ^{lat} ~~sol.~~ arc 5° 23'
 11" on the decl. arc and determine
 a true meridian with the solar
 at the cor. of secs. 26, 27, 34 and 35

N. 0° 2' W. over rolling

ground	
N 0° 0' W	bet. secs. 26 and 27

Over rolling ground through
thick cedar and pinion timber

23.00	Wash rocks wide bars S.
	45° Ascend

26.20	A pinion 8 ins. in diam.
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J. 26 N. R. 30 E.

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chains

on line marked with 2
notches on N. and S. sides

40.00

Set a sand stone $22 \times 6 \times 6$ ins.
14 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 27 on
W. face 26 on E. face from which
A pinion 14 ins. in diam. bears
N. 80° E. 237 lks. dist. marked
 $\frac{1}{4}$ S. 26 B.T.

A cedar 6 ins. in diam. bears
N. 5° W. 118 lks. dist marked $\frac{1}{4}$
S. 27 B.T.

70.00

Leaves cedars and pinion
timber bears E. and W. center
heavy sage brush.

78.00

Cedar and pinion timber bears
E. and W.

80.00

Set a sand stone $30 \times 14 \times 14$ ins.
on stony ground, in mound of
stone, for cor. of sec's. 22. 23. 26 and 27

Subdivision of

chains marked with 2 notches on S.
and E. sides from which

A cedar 8 ins. in diam. bears

N. 26° E. 191 lks. dist. marked

T. 26 N. R. 30 E. S. 23 B.T.

A pinon 6 ins. in diam. bears

S. 9° E. 123 lks. dist. marked

T. 26 N. R. 30^E S. 26 B.T.

A cedar 8 ins. in diam. bears

S. 53° W. 20 lks. dist. marked

T. 26 N. R. 30 E. S. 27 B.T.

A pinon 6 ins. in diam. bears

N. 59° W. 100 lks. dist. marked

T. 26 N. R. 30 E. S. 22 B.T.

Land rolling

Soil sandy and stony 4th rate

Timber cedar and pinon

Thick cedar and pinon timber 8000
Acres.

J. 26 N. R. 30 E.

BOOK 517 31

chamis.

East on a random line bet
secs 23 and 26

Over rolling ground

4000

Set temp $\frac{1}{4}$ sec. cor.

~~80.05~~
80.00

Intersect N. and S. line 6 lks
N. of cor. of secs. 23, 24, 25 and 26.

Thence drum

S. $89^{\circ}57'W.$ on a true line
bet. secs 23 and 26

Over rolling ground through
thick cedar and pine in timber
and large sage brush

9.50

Mark 10 lks. wide bears S.
 $35^{\circ}E.$

~~40.00~~
~~40.05~~

Set a sand stone $18 \times 15 \times 3$ ins.
 $1\frac{1}{2}$ ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 23 on N. face
26 on S. face from which
A cedar 10 ins. in diam. bears
N. $30^{\circ}W.$ 174 lks. dist. marked

Subdivision of

chains $\frac{1}{4}$ S. 23 B.T.

A cedar 8 ins. in diam. bears S.
6° E. 267 lks. dist marked $\frac{1}{4}$ S.
26 B.T.

50.00

Enter thick cedar and pinion

80.00

timber bears N. and S.

~~80.05~~

The cov. of secs. 22, 23, 26 and 27.

Land rolling

Soil sandy and stony 3rd rate

Timber cedar and pinion

Thick cedar and pinion timber 30000 lbs.

September 9th At this cov.

I set off 5° 17' 59" N. on the decl.

arc 0" 0' l. m. t. observe the sun
on the meridian the resulting lat.
is 35° 38' which is the proper l.

chains	^{N 0° 0' W} N 0° W W. bt. sec 22 and 23
	Overrolling ground ::
3920	Dragon road bears N. 75° E.
40.00	Set a sand stone 22 X 18 X 4 ins. 14 ins. in the ground, for 1/4 sec. cov. marked $\frac{1}{4}$ S. 22 on N. face 23 on E. face from which A pinion 8 ins. in diam. bears N. 90° E. 113 lks. dist. marked $\frac{1}{4}$ S. 23 B.T.
	A pinion 4 ins. in diam. bears S. 57° W. 306 lks. dist. marked $\frac{1}{4}$ S. 22 B.T.
58.50	Descend into valley bears E and W.
60.50	Wash 20 lks. wide bears E.
62.00	Atavaj's log house on line.
at 62.50	Enter Atavaj's corn field bears E. and N.
69.50	Leave corn field.
73.00	Ascend over large sand stone

Subdivision of

Chanis
80.00

Set a sand stone $20 \times 20 \times 3$ ins.
13 ins. in the ground, for cor.
to sec's. 14, 15, 22 and 23. marked
with 3 notches on S. and 2 notches
on E. sides. from which

A cedar 6 ins. in diam. bears
N. 67° E. 106 lks. dist. marked
T. 26. N. R. 30 E. S. 14 B. T.

B cedar 6 ins. in diam. bears
S. 29° E. 117 lks. dist. marked
T. 26. N. R. 30 E. S. 23 B. T.

A cedar 10 ins. in diam. bears
S. 16° W. 137 lks. dist. marked
T. 26 N. R. 30 E S. 22 B. T.

A pinon 15 ins. in diam. bears
N. 84° W. 317 lks. dist. marked
T. 26. N. R. 30 E. S. 15 B. T.

Land level and rolling.

Soil sandy and stony A¹ and B² rate
Timber cedar and pinon.

J. 26 N. R. 30 E.

Chains	East on a random line bet. sec's 14 and 23
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.04 79.97	Intersect N. and S. line at cor. to sec's 13, 14, 23 and 24 Thence down
8.00	W. on true line bet. Sec's 14 and 23 over rolling and level ground Fence bears N. 45° E. claimant Same way
11.20	Fence bears N. and S. claimant Same way
14.00	Descend into valley bears N. W. and S. E.
18.10	Dragon road bears N. W.
18.40	Fence bears N. W. claimant St. Michael's <small>Mission</small>
18.50	Meadow bears N. and S. claimant
29.25	Fence bears N. 10° E. claimant St. Michael's <small>Mission</small>
29.27	Enter alfalfa field bears N. and S. claimant John Wyant

Subdivision of

Chains
36.30

Fence bears N. 15° E. Clamant

39.98 1/2
~~40.00~~

John Wyant

Set a sand stone 24 X 16 X 8 ins.
16 ins. in the ground for 1/4 sec.
Cor. marked 1/4 S. 14 W N. face,
23 on S. face and raised a
mound of stone 2 ft. base 1 1/2 ft.
high N. of cor. from which
A Cedar 8 ins. in diam. bears
N. 18° E. 342 lks. dist. marked
1/4 S. 14 B.T.

No other trees within limit
from which S.W. cor. of John
Wyant's house bears N. 26° E.
464 lks. dist.

49.00

Fence bears N. 5° W. Clamant

John Wyant

49.30

Fence bears N. 5° W. Clamant

Navajo Indian

50.00

Enter Indian corn field

J. 26 N. R. 30 E.

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Chamis.

6358

Lower bars N. and S.

7300

Leaves valley ascend

~~86.04~~

The cor. of secs 14, 15, 22 and 23

79.97

Land level and rolling
Soil sandy and stony 1st and 3rd rate
No timber.

^{0.01}
N. ~~0.01~~ W. bet. secs. 14 and 15

Overrolling ground

15.50

Wash bars S. 45° E. ascend

18.00

Top bars N. W.

29.60

Wagon road bars N. 80° W.

33.20

A fine 30 ins. in diam. on line
marked with 2 notches on N and S. ^{side}

40.00

Set a sand stone 18x18x4 ins. on
stony ground in mound of stone
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{2}$ S. 15 on
W. face. 14 on E. face from which

Subdivision of

- Chains
- A pine 8 ins. in diam bears
S. 70° E. 97 lks. dist. marked
 $\frac{1}{4}$ S. 14 B.T.
- A pinon 5 ins. in diam. bears
S. 87° W. 97 lks. dist marked
 $\frac{1}{4}$ S. 15 B.T.
- 59.20 Dragon road to Gallup bears
N. 70° W. and S. 78° E.
- 76.50 Intersect S. bdy. of Navajo Indian
Reservation line
- I am unable to find ⁴⁶~~7~~ mile
cov. has been destroyed or was
never set. on said line.
- 76.50 Set a sand stone $20 \times 14 \times 4$ ins.
13 ins. in the ground, for closing on
to secs. 14 and 15 marked C.C. 4 notches
on S. face 2 notches on E. edge from
which
- A pinon 15 ins. in diam. bears
S. 49° E. 200 lks. dist. marked.

D. 26 N. R. 30 E.

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39

Chains

T. 26. N. R. 30 E. S. 14 C. C. B. T.

A pine 30 ins. in diam. bears

S. 27° W. 47 lks dist. marked

T. 26 N. R. 30 E. S 15 C. C. B T.

Land rolling and level
Soil sandy and stony 3rd and 4th rate
Timber pine, pinon and cedar
Thick cedar and pinon timber 765⁰ Chs.

~~Conceded.~~

~~East on a random line S. bdy
of Navajo Indian Reservation line
N. bdy. of sec. 14~~

~~Set temp. $\frac{1}{4}$ sec. cor.~~

~~Intersect cor. to secs 13 and 14~~

~~Thence down~~

~~W. on true line S. bdy. of Navajo
Indian Reservation N. bdy. of
sec. 14~~

40.00

~~80.10~~

79.91

Subdivision of

chains	
12.20	Dragon road bars N. and S.
28.50	Brush fence " N. W. and S. E. Claimant John Logant.
50.00	Descend into Valley bars N and S.
32.00	Alfalfa field bars N. and S.
37.00	Leave Alfalfa field bars S. 80° W.
37.10	Leave bars S. W. and N. E. ^{Claimant} Sam. Day
40.05	Set a sand stone 20x12x4 ins. 13 ins. in the ground for ¹ / ₂ closing cor. N. bdy. of sec. 14 marked ¹ / ₄ S. 14 C.C. on S. face and raised a mound of stone 2 1/2 ft. base 1 1/2 ft. high S. of cor. Pit's impracticable.
51.00	Leave Valley bars N. and S. ascend over rolling ground through cedar and prairie timber bars N. E. and S. W.
79.91	The cor. of sec's 14 and 15
80.10	

Chains

Land level and rolling.
 Soil sandy and stony 1st and 3rd rate.
 Timber Cedar firmita and pine.
 Thicket cedar and pinion timber 29.00 chs.

September 10th 1900

From the cor. of secs. 3, 4, 33 and 34
 on S. side of the Tp. which is
 a sand stone 20 x 15 x 4 ins. in
 mound of stone properly marked
 and witnessed previously set
 by me ^{Oct 4} and run

N. ^{0° 0' 2"} ~~W.~~ W. bet. secs 33 and 34

Over rolling ground through
 scattering pine and thick cedar
 and pinion timber.

10.00

Rim of canyon 200 ft. deep
 bears E. and W. Descend

20.00

Bottom Ascend

Subdivision of

Ohanis

25.00

Top brass E. and W.

40.00

Set a sand stone $16 \times 12 \times 4$ ins.
on stony ground in mound of
stone for $\frac{1}{4}$ sec. cov. marked
 $\frac{1}{4}$ S. 33 on W. face 34 on E face
from which

A Cedar 24 ins. in diam. brass
N. 80° E. 6 lks. dist. marked
 $\frac{1}{4}$ S. 34 B.T.

A Cedar 12 ins. in diam. brass
S. 85° W. 4 lks. dist. marked
 $\frac{1}{4}$ S. 33 B.T.

80.00

Set a sand stone $12 \times 10 \times 5$ ins.
8 ins. in the ground for cov. to
secs. 27, 28, 33 and 34 marked
with 1 notch on S. side and 3
notches on E. edge from which
A Cedar 12 ins. in diam. brass
N. 22° E. 50 lks. dist. marked
T. 26. N. R. 30 E. S. 27 B.T.

S. 26 N. R. 30 E.

BOOK 517

43

Chanis.

A cedar 10 ins. in diam. bears

S. 31° E. 37 lks. dist. marked

T. 26 N. R. 30 E. S. 34 B.T.

A cedar 17 ins. in diam. bears

S. 59° W. 30 lks. dist. marked

T. 26 N. R. 30 E. S. 33 B.T.

A cedar 6 ins. in diam. bears

N. 64° W. 53 lks. dist. marked

T. 26 N. R. 30 E. S. 28 B.T.

Land Mountainous and rolling
Soil sandy and stony 4th rate
Timber pine cedar and pinon
Mountainous and thick timber 80.00 chs.

Subdivision of

chains.

East on a random line bet.
secs 27 and 34

40.00

Set temp $\frac{1}{4}$ sec. cor.

80.08

Intersect N. and S. line 5 lks. N. of cor.
to secs. 26 27 34 and 35.

Thence down

N. $89^{\circ} 58'$ W. on true line bet.secs. 27 and 34 over rolling ground
through scattering cedar and pinon
timber. Slight ascent.

40.04

Set a sand stone $2 \times 6 \times 6$ ins. 13
ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. 27 on N. face. 34 on
S. face from whichA pinon 10 ins. in diam. bears
N. 25° W. 245 lks. dist. marked
 $\frac{1}{4}$ S. 27 B.T.A pinon 8 ins. in diam. bears
S. 45° W. 130 lks. dist. marked
 $\frac{1}{4}$ S. 34 B.T.

J. 26 N. R. 30 E.

BOOK 517

46

Chains
80.08

Cov. to secs. 27, 28, 33 and 34

Land. level and rolling
Soil. sandy and stony ^{4th} rate
Timber Cedar and pines and
large sage brush.

N 0° 2' W

N. 0° 3' W. bet. secs. 27 and 28

Over rolling ground
through thick cedar and pines
timber.

2800

Stash 20 lbs. wide, bears N. 80° E.

Ascend E. slope of hill.

40.00

Set a sand stone 16x16x5 ins.

on stony ground. for $\frac{1}{4}$ sec. Cov.
marked $\frac{1}{4}$ S 28 on W face 27 on E.
face from which

A cedar 6 ins. in diam. bears N. 48° E.

21 lbs dist. marked $\frac{1}{4}$ S. 27 B.T.

Subdivision of

chains	A cedar 6 ins. in diam. bears
	N. 45° W. 95 lbs. dist. marked $\frac{1}{4}$ S. 28 B.T.
48.00	Ascend Red Hill bears N. and S.
61.50	Dragon road bears N. 30° E.
80.00	Setts sand stone $20 \times 8 \times 8$ ins. on
	stony ground in mound of stone
	for cor. to secs. 21. 22. 27 and 28
	marked with 2 notches on S. side
	and 3 notches on E. edge. from which
	A pinion 8 ins. in diam bears N. 57°
	E. 24 lbs. dist. marked T. 26. N. R. 30 E
	S. 22 B.T.
	A pinion 8 ins. in diam bears S.
	43° E. 30 lbs. dist. marked T. 26. N. B.
	30 E S. 27 B.T.
	A pinion 6 ins. in diam. bears S.
	40° W. 25 lbs. dist. marked T. 26 N.
	R. 30 E S. 28 B.T.
	A pinion 10 ins. in diam bears
	N. 38° W. 20 lbs. dist. marked

S. 26 N. R. 30 E.

BOOK 517

47

Chains

T. 26 N. R. 30 E. S. 21 B. T.

Land Rolling

Soil, sandy and stony 3rd and 4th rate
Timber pine, pines, and cedar.

mountainous and heavy timber 80.00 chs.

East on a random line bet sees
22 and 27

40.00

Set temp $\frac{1}{4}$ sec. cor.

80.12

Intersect N. and S. line at cor to
sees. 22, 23, 26 and 27

Thence down

W. on line line bet. sees. 22 and 27

Over rolling ground

through scattering pine and thick
cedar and pines timber. Ascend

26.00

Ascend, red sand stone bears N.E. and S.W.

40.06

Set a sand stone 15X10X5 ins. on stony

Subdivision of

chains	ground in mound of stone, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 22 on N. face 27 on S. face from which A pin 4 ins. in diam. bears N. $30^{\circ} E. 50^{\circ}$ ^{lks. dist.} marked $\frac{1}{4}$ S 22 B.T. A cedar 6 ins. in diam. bears S. $40^{\circ} W.$ 36 lks. dist. marked $\frac{1}{4}$ S. 27 B.T.
43.00	Descend
66.00	Dragon road bears N. E. slight ascent
80.12	The cor. of secs. 21. 22. 27 and 28

Land mountainous and rolling
 Soil sandy and stony 2nd and 4th rate
 Timber pine, pines and cedar.
 Mountains and thick cedar timber
 80.12 chs.

D. 26 N. R. 30 E.

BOOK 517

49

chains

^{202'}
N. ~~0° 0'~~ W. bet sees 21 and 22

Over rolling land
through scattering pine and
thick spruce and cedar timber.

11.00

South rim of canyon 200 ft. deep
bears N. 75° E. Descend

19.00

Bottom wash 100 lks wide
bears N. 80° E. ascend

40.00

The point for $\frac{1}{4}$ sec. cor. faces on
solid ledge 4 ft. above surface
I mark across (+) at the exact
point for $\frac{1}{4}$ sec. cor. $\frac{1}{4}$ S. 21 on W. side
of cross 22 on E. side from which
A cedar 10 ins. in diam. bears
N. 70° E. 11 lks. dist. marked $\frac{1}{4}$ S.
22 B.T.
A cedar 6 ins. in diam. bears N.
80° W. 21 lks. dist. marked $\frac{1}{4}$ S.
21 B.T.

45.00

Top bears E. and N. 300 ft above wash

Subdivision of

Chanis.
80.00

Set a sand stone $30 \times 20 \times 4$ ins.
on stony ground in mound of
stone, for cor. of secs. 15, 16, 21 and 24.
marked with 3 notches on S. and
E. sides from which

A Cedar 6 ins. in diam. bears
N. 75° E. 25 lks. dist. marked
T. 26 N. R. 30 E. S. 15 B. T.

A pine 18 ins. in diam. bears
S. 37° E. 40 lks. dist. marked
T. 26 N. R. 30 E. S. 22 B. T.

A pine 20 ins. in diam. bears
S. 17° W. 82 lks. dist. marked
T. 26 N. R. 30 E. S. 21 B. T.

A pinon 8 ins. in diam. bears
N. 55° W. 50 lks. dist. marked
T. 26 N. R. 30 E. S. 16 B. T.

Land mountainous and stony
Soil sandy and gravel and stony $4\frac{1}{2}$ miles
Timber pine, pinon and cedar.
Mountainous and thick timber 8000 ft.

J. 26 N. R. 30 E.

BOOK 517

51

- Chains East on a random line bet sees
15 and 22
Over rolling ground
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line 10 lks. S.
of cor. to sees. 14, 15, 22 and 23
Thence down
S. $89^{\circ} 56'$ W. on true line bet.
sees 15 and 22 over rolling ground
through scattering pine, fir
and cedar timber. Ascend
- 3.00 Top bears N. and S. Descend
- 7.00 Bottom Ascend through
thick cedar and fir timber.
bears N.E. and S.W.
- 40.00 Set a sand stone $25 \times 8 \times 8$ ins.
on stony ground in mound of stone
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 15 on N.
face, 22 on S. face from which
a cedar 10 ins. in diam. bears N. 3° E.

Subdivision of

chains.	30 lks. dist. marked $\frac{1}{4}$ S. 15 B.T.
	A pinois beam. in diam. bears
	S. 4° W. 55 lks. dist. marked
	$\frac{1}{4}$ S 22 B.T.
66.00	Trash 20 lks. wide bears S. E.
80.00	The cov. of sec. 15. 16. 21 and 22.

Land rolling

Soil sandy and stony 2nd and 4th rate
 Timber pine pinois and cedar.
 Thick timber 80.00 ahs.

September 10th at this
 cov. I set off $4^{\circ}55'14''$ N. on the
 decl. arc. 0^h 0^m l. m. t. observe
 the sun on the meridian, the
 resulting lat. is $35^{\circ}39'N$. which
 is about the proper lat.

Q. 26 N. R. 30 E.

53

Chains.

September 11th 1900

At 7^H 0^{A.M.} l. m. t. I set off 35° 39' on the lat. arc 4° 38' 41" on the decl. arc and determine a true meridian with the solar at the cor. of secs. 15, 16, 21 and 22

1000' W Thence down

Ascend secs. 15 and 16 over

rolling ground through scattering pine and thick cedar and fir timber.

10.50

Wash 10 lks. wide bars S. 80 E.

ascend

13.00

Ledges 20 ft. high bars E. and W.

17.00

Top descend

21.00

Wash 30 lks. wide bars N. 85° E.

Ascend

22.00

Over ledges 30 ft. high bars E. and W.

28.00

Top descend

34.00

Wash 40 lks. wide bars S. E. Ascend

Subdivision of

Chanis
40.00

Set a sand stone $20 \times 20 \times 6$ ins.
12 ins. in the ground. for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ 16 on W. face 15
on E. face from which
A pinion 8 ins. in diam.
bears S. 30° E. 22 lks. dist.
marked $\frac{1}{4}$ S. 15 B.T.

A pinion 6 ins. in diam. bears
S. 70° W. 20 lks. dist. marked
 $\frac{1}{4}$ S. 16 B.T.

47.00

Drash 50 lks. wide bears S. 45° E.

54.00

Drag on road to Gallup bears E. and W.

76.30

Intersect S. bdy. of Navajo Indian
Reservation line. from which
point the 47 mile cor. of Res-
ervation line bears E. 300 lks. dist.

which is a sand stone $20 \times 12 \times 4$ ins. marked N.R.L. ⁴⁷

76.30

Set a sand stone $24 \times 12 \times 6$ ins. on
stony ground, in mound of stone
for closing cor. to secs. 15 and 16.

T. 26 N. R. 30 E.

BOOK 517

55

chains

marked C.C. 4 notches on S. face
3 notches on E. face, from which.
A ~~spine~~ 20 ins. in diam. bears
S. $21^{\circ}30'E$. 75 lks. dist. marked
T. 26 N. R. 30 E S. 15 C.C. B.T.

A cedar 6 ins. in diam. bears
S. $37^{\circ}W$. 40 lks dist. marked T. 26
N. R. 30 E. S. 16 C.C. B.T.

Land mountainous and rolling
Soil sandy and stony 4th rate
Timber pine, fir and cedar
Mountainous and heavy timber 76.30 chs.

Subdivision of

chains	East on a random line S. bdy. of Navajo Indian Reservation line N. bdy. of sec. 15
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line to secs 14 and 15, 15 lks. S. of cor. Thence down
	S. $89^{\circ}55'W$. on true line N. bdy. sec. 15 over rolling ground through scattering pines and thick cedar timber
10.00	Ascend out of small Valley
20.00	Top descend into canyon 75 ft. deep bear S. $35^{\circ}E$.
26.00	Walk 50 lks. wide bear S. E.
40.05	Mark a sand stone in place 4×6 ft. $\frac{1}{2}$ ft. above surface, at the exact point I mark a cross (+) for $\frac{1}{4}$ sec. cor. $\frac{1}{4}$ S. 15 C.C. on S. face from which

J. 26 N. R. 30 E.

POOK 517

57

- chains
- A pine 15 ins. in diam. bears
S. 30° E. 77 lks. dist. marked
 $\frac{1}{4}$ S. C. C. 15 B. T.
- A cedar 10 ins. in diam. bears S.
 75° W. 38 lks. dist. marked
 $\frac{1}{4}$ S. C. C. 15 B. T.
- 42.00 Wash 20 lks wide bears S. E.
- 80.10 Cov. to secs. 15 and 16

Land level and rolling
Soil sandy and stony 2nd and 4th rates
Timber pine juniper and cedar
Mountains and thick cedar 80.10 chs.

Subdivision of

chains

September 12th 1900

From the cor. of secs. 4. 5. 32 and 33
 on S. bdy. of Tp. which is
 a sand stone 20x15x4 ins. 7 ins
 above ground properly marked
 and witnessed, which I established
 Sept. 4th

Thence I run

N. ~~40~~⁰⁰³ W bet. secs. 32 and 33

Over rolling ground
 through scattering pines and thick
 pine timber.

12.00

Rim of Canyon 150 ft. deep
 bears N. E. Descend.

14.00

Grash 25 lks wide bears N. 60° E. ascend

20.00

Top bears E. and W. Descend

38.80

Grash 20 lks. wide bears N. 75° E.

40.00

A pine 8 ins. in diam. for $\frac{1}{4}$ Sec
 cor. marked $\frac{1}{4}$ S. 32 on W. side 33 on
 E. side from which

S. 26 N. R. 30 E.

BOOK 517

59

- Chanis A pine 10 ins. in diam. bears
N. 85° W. 4 lks. dist. marked $\frac{1}{2}$ S.
32 B.T.
- A pine 20 ins. in diam. bears
S. 50° E. 70 lks. dist. marked $\frac{1}{2}$ S.
33 B.T.
- 68.00 Rim of canyon 100 ft. deep bears
N. 40° E. Descend
- 72.00 Bottom Ascend
- 80.00 Set a sand stone $20 \times 10 \times 4$ ins. $\frac{1}{3}$
ins. in the ground. for cor. to sec.
28. 29. 32 and 33. marked with
1 notch on S. edge and 4 notches
on E. side. from which
- A cedar 10 ins. in diam. bears N.
 4° E. 24 lks. dist. marked T. 26. N.
R. 30 E. S. 28 B.T.
- A cedar 6 ins. in diam. bears S. 72°
E. 12 lks. dist. marked T. 26. N. R. 30
E. S. 33 B.T.

60

BOOK 517

Subdivision of T. 26 N. R. 30 E.
Chains

A pine 20 ins. in diam. bears
S. 52° W. 24 lks. dist. marked
T. 26 N. R. 30 E. S. 32 B. T.

A pine 10 ins. in diam. bears
N. 41° W. 60 lks. dist. marked
T. 26 N. R. 30 E. S. 29 B. T.

Land mountainous and rolling
Soil sandy and stony 4th rate
Timber pines, pines and cedar.
Mountainous and thick cedar timber 80,000 ac.

TCOK 517

No. 517

1

61
BOOK 517

Preliminary Oaths of Assistants.

We, Frank Walker, Novajo Chorley
and Black Wood & Novajo Pete
do solemnly swear that we will well and faithfully
execute the duties of Chain Carriers; that we will
level the chain upon 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 lengths 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 Sub-division
of Township - (Fractional) 26
N. R. 30 E.

of the Gila and Salt River Base and Meridian in
the Territory of Arizona.

Frank Walker	Chainman.
Novajo Chorley	Chainman.
Black Wood	Chainman.
Novajo Pete	Chainman.

Subscribed and sworn before me, this

day of 189

Notary Public.

[SEAL.]

We, Noojo Pete

do solemnly swear that we will well and truly perform the duties of Arman and

Moundman

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

Subdivision of fractional Township 26. N. R. 30. E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Noojo^{his} + Pete
Mark

Subscribed and sworn to before me this 7th

day of September 1891900

James A. Sampson

Notary Public.

U.S. Dept. of Interior

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4-674.

Township *26 N.* R. *30 E., S. 8, 9, 10, 11*

BOOK 517

6	5	4	3	2	1				
7	8	9	10	11	12				
18	17	16	<i>53</i>	15	<i>87</i>	14	<i>20</i>	13	
				<i>51</i>		<i>35</i>		<i>17</i>	
19	20	21	<i>49</i>	22	<i>33</i>	23	<i>15</i>	24	
				<i>47</i>		<i>31</i>		<i>13</i>	
30	29	28	<i>45</i>	27	<i>28</i>	26	<i>11</i>	25	
				<i>44</i>		<i>27</i>		<i>10</i>	
31	32	<i>58</i>	33	<i>41</i>	34	<i>24</i>	35	<i>8</i>	36

Concluded Book 518.