

"A." (E)

North, East and West
Boundaries

~~to~~ 70 ft
T 30 N. R 3 E.

pope.

BOOK 1375

4-671

FIELD NOTES

GENERAL LAND OFFICE.

1375

No. 1375

as per:

Feb 29
Table Lat + Dep omitted by deputy

Field Notes
of the survey of the
North, East and West
Boundaries
of
T. 30, N., R. 3, E.
of the
Gila and Salt River Meridian,
in the
Territory of Arizona
as surveyed by
James B. Pepe,
U. S. Deputy Surveyor
under his
Contract No. 75,
dated June 13, 1900.

Survey commenced Dec. 3, 1900.
Survey completed Dec. 14, 1900.

X

BOOK 1375

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BOOK 1375

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10	18	S. 30 N, R. 3 E					18 3 1
8	19						24 28
5	30						25 24
2	31	32	33	34	35	36	2 1

West Boundary of T. 30. N. R. 3. E.

Cho

December 3 at 8 h. 30 m. 1. m. A.

I set off $22^{\circ}03'$ dec and
 $54^{\circ}05'$ col lat on the vertical
 circle and determine a
 true meridian with the
 solar at the cor of Fps
 29 and 30 N R's 2 and 3
 E

Thence I run

North bet Secs 31 and 34
 ascending over rolling
 land heavily timbered

7.00 Top of ascent and descend
 gradually. bears E and W

14.50 Dry wash 50 lks wide comes
 S. W.

14.60 Wagon road bears N. E. and S W

15.00 Begin gradual ascent

40.00 Set a limestone $24 \times 8 \times 4$ ins
 16 ins in the ground for $\frac{1}{4}$ sec

Chs

cor marked $\frac{1}{4}$ on W face
from which

a pine tree 20 ins diam bears
N $10^{\circ} 10' E$ 120 lks dist marked
 $\frac{1}{4}$. S. 31. B.T.

a pine tree 24 ins diam bears
N $72^{\circ} W$ 17 lks dist marked
 $\frac{1}{4}$. S. 36. B.T.

56.00 Top of ascent bears E and W.

58.00 Descend gradually.

61.00 Foot of gradual descent

61.50 Dry wash 100 lks wide
course S. E.

62.50 Begin gradual ascent.

67.50 Top of gradual ascent.

80.00 Set a limestone $24 \times 10 \times 4$ ins
16 ins in the ground for cor
of Secs 25, 30, 31 and 36
marked with 1 groove on S
and 5 grooves on N edges

West Bdy T 30 N R 3 E

Chs

from which.

a cedar tree 18 ins diam bears

N 46° E 97 lks dist marked

T. 30, N. R. 3, E. S. 30, B. T.

a pine tree 18 ins diam bears

S 88° E 89 lks dist marked

T. 30, N. R. 3, E. S. 31, B. T.

a pine tree 20 ins diam bears

S 34° 30' W 47 lks dist marked

T. 30, N. R. 2, E. S. 36, B. T.

a pine tree 15 ins diam bears

N 77 W 95 lks dist marked

T. 30, N. R. 2, E. S. 25, B. T.

Land rolling and level

Soil loam and rocky 2ndand 4th rate.

Timber Pine.

Heavily timbered land

80.00 Chs.

Chs.	North.
	<p>Between secs 25 and 30. ascending over rolling land heavily timbered</p>
4.00	Top of gradual ascent heads E and W and descend
10.00	Dry wash 100 lks wide Course N 70° W.
11.00	Begin gradual ascent
12.50	Top of ascent and descend
16.00	Dry wash 30 lks wide Course W.
39.00	Top of ascent and descend gradually
40.00	Set a limestone 18x10x8 in 12 ins in the ground for 1/4 See cor marked 1/4 on W face from which a pine tree 22 ins diam heads N 65° 30' E 79 lks dist marked

Obs

1/4 S. 30. B.T.

a cedar tree 18 ins diam bears

N47°10'W 49 lks dist marked

1/4 S. 25. B.T.

41.00 Descend along west slope of

49.50 Dry wash

52.00 Cross Dry wash 200 lks
wide course N25°W.

54.00 Begin ascent. 20 ft high

57.00 Top of ascent and descend
over rocky ground sloping
W

76.00 Dry wash 100 lks wide
course N.E. comes from
S.

77.00 Begin rocky ascent.

80.00 Set a limestone 16 x 10 x 4 ins
12 ins in the ground for cor
of Secs 19. 24. 25 and 30
marked with 2 grooves

7 West Bely T 30 N R 3 E

BOOK 1375

Chs

on S. and 4 grooves on N
edges from which
a pine tree 24 ins diam bears
N 72° E 246 lks dist marked
T. 30. N. R. 3. E. S. 19. B. T.

a pine tree 36 ins diam bears
S 61° E 181 lks dist marked
T. 30. N. R. 3. E. S. 30. B. T.

a pine tree 24 ins diam bears
S 72° 30' W 133 lks dist marked
T. 30. N. R. 2. E. S. 25. B. T.

a pine tree 24 ins diam bears
N 170° 40' W 149 lks dist marked
T. 30. N. R. 2. E. S. 24. B. T.

Land rolling.

Soil loam and rocky 2nd
and 4th rats.

Timber Pine cedar and
Pinon

Heavily timbered land 80.00 Chs

West Bdy T 30 N R 3 E 8

BOOK 1875

- | | |
|-------|---|
| Obs | North vet Secs 19 and 24
ascending over rolling land
heavily timbered |
| 14.00 | Descent to |
| 15.00 | Dry wash 50 lks wide course
N 60° W |
| 15.50 | Begin rocky ascent 25 ft high
bears N.W. and S.E. |
| 16.50 | Top of rocky ascent and ascend
gradually. |
| 40.00 | Set a limestone 16 x 14 x 10 ins 12 ins
in the ground for 1/4 Sec or marked
1/4 on W face from which
a pine tree 12 ins diam bears
N 51° E 186 lks dist marked
1/4 S. 19. B.T.
a pine tree 22 ins diam bears
S 13° 10' W 49 lks dist marked
1/4 S. 24. B.T. |
| 41.00 | Top of ascent bears E and W |

9

West Belv T 30 N R 3 E

Obs

BOOK 1375

- and descend gently
- 53.50 Descend rapidly
- 60.50 Foot of rapid descent enters
Dry wash 250 lks wide
Course W.
- 61.10 Wagon road bears E and W.
- 63.00 Begin steep rocky ascent
100 ft high bears E and W
- 66.50 Top of steep rocky ascent
100 ft high and ascend
gradually.
- 70.00 Begin gentle descent
- 80.00 Set a limestone 18 x 12 x 4 ins 12
ins in the ground for cor of
Secs 13, 18, 19 and 24 marked
with 3 notches on N and S edges
from which.
a pine tree 12 ins diam bears
N 57° E 79 lks dist marked
T. 30, N. R. 3, E, S. 18, B. T.

West 1304 T30 N R 3 E 10
BOOK 1875

Obs

a pine tree 24 ins diam bears
S56° E 129 lbs dist marked
T.30, N. R. 3, E. S. 19, B. T.

a pine tree 20 ins diam bears
S66° 30' W 55 lbs dist marked
T.30, N. R. 2, E. S. 24, B. T.

a pine tree 14 ins diam bears
N57° W 130 lbs dist marked
T.30, N. R. 2, E. S. 13, B. T.

Land rolling and Mountainous.
Soil loam and rocky 2nd and
4th rate.

Timber Pine cedar and Pines.
Heavily timbered and

Mountainous land 80.00 Chs

December 3 - 1900

December 4 at 8 h - m. l. m. t.
Set off 22° 11' decl and 54° 1'
Co lat an ~~the~~ vertical circle

BOOK 1375

Obs

and determine a true
Meridian with the solar
at the cor of sees 13, 18,
19 and 24.

Thence I run.

North bet sees 13 and 18.

ascending over rolling land
heavily timbered

18.00

rocky bluff 20 ft high
bears E and W. ascending
gradually.

20.00

heavy timber with dense
undergrowth of oak cedar
and Pinus

31.00

Top of ascent bears E and W
and descend

37.50

Dry wash 50 lks wide course
N. E.

40.00

Set a limestone 18x6x6 ino 12 ins
in the ground for 1/4 sec cor

West Bend T30NR3E 12

BOOK 1375

Obs

marked $\frac{1}{4}$ on W face from

which

a pine tree 24 ins diam bears

S $83^{\circ}30'$ E 53 lks dist marked

$\frac{1}{4}$. S. 18. B.T.

a pine tree 14 ins diam bears

S $50^{\circ}30'$ W 90 lks dist marked

$\frac{1}{4}$. S. 13. B.T.

50.00 Dry wash 30 lks wide course

W. and ascend gently

53.00 Top of gentle ascent and

descend bears E and W -

59.00 Dry wash 30 lks wide course

S 60° W -

60.00 ascend rapidly over land

sloping S. E.

80.00 Set a limestone 16 x 14 x 6 ins 12

ins in the ground for cor of

secs 7. 12. 13 and 18 marked

with 4 notches on S and 2 notches

13

West Bdy T30N R3E

Chs

BOOK 1375

on N edges from which
a pine tree 8 ins in diam bears

N33°E 161 knodist marked

T,30,N,R,3,E,S,7,B.T.

a pine tree 15 ins diam bears

S17°E 55 knodist marked

T,30,N,R,3,E,S,18,B.T.

a pine tree 8 ins diam bears

S66°10'W 121 knodist marked

T,30,N,R,2,E,S,13,B.T.

a pine tree 24 ins diam bears

N45°10'W 287 knodist marked

T,30,N,R,2,E,S,12,B.T.

Land rolling and mountainous

Timber Pine cedar and Pison.

Land with heavy timber and
dense undergrowth 80.00 chs

North bet sees 7 and 12-

Ascending over rolling

West Bely T30 NR 32 14

BOOK 1375

Obs	land with heavy timber and dense undergrowth.
1.00	Begin rapid rocky descent to
4.00	Dry wash 50 lks wide course S60°W.
4.50	Rocky ascent 20 ft high
7.00	Top of rapid rocky ascent and ascend gradually.
11.00	Begin rapid rocky descent to
15.00	Dry wash 200 lks wide course S60°W
17.00	Foot of rocky bluff and ascend
20.00	Top of rocky bluff and ascend gradually bears E and W.
30.00	Top of ascent and descend to
32.00	Dry wash 75 lks wide comes from N and runs S.W. ascend dry bed of wash.
38.00	Leave dry bed of wash

15

West Bely T 30 N R 3 E

Chs BOOK 1375

- 40.00 Set a limestone 14x14x4 ins
10 ins in the ground for $\frac{1}{4}$ sec
cor marked $\frac{1}{4}$ on W face
from which.
a pine tree 36 ins in diam bears
S 56° E 102 lks dist marked
 $\frac{1}{4}$ S. 7. B.T.
- a pine tree 32 ins diam bears
N 57° W 83 lks dist marked
 $\frac{1}{4}$ S. 12. B.T.
- 43.00 Dry wash 50 lks wide
course E.
- 52.00 Top of ascent and descend to
- 58.50 Dry wash 30 lks wide
course S.W. and ascend
- 64.00 Top of ascent gradually
descend to
- 67.50 Dry wash 40 lks wide
Course S.W.
- 77.00 Top of gradual ascent.

West Bdy T30 NR 3 E 16

Obs

BOOK 1375

8000

Set a limestone 16 x 14 x 4 ins
12 ins in the ground for cov. to sec. 1, 6,
7 ^{1/2}, marked with 5 notches on S. & 1 notch
on N. edges;
from which

a pine tree 6 ins diam bears

N 46° E 5 lks dist marked

T, 30, N, R, 3, E, S, 6, B, T.

a cedar tree 15 ins diam bears

S 45° 30' E 34 lks dist marked

T, 30, N, R, 3, E, S, 7, B, T.

a pine tree 6 ins diam bears

S 78° 10' W 21 lks dist marked

T, 30, N, R, 2, E, S, 12, B, T.

a pine tree 6 ins diam bears

N 58° W 48 lks dist marked

T, 30, N, R, 2, E, S, 1, B, T.

Land rolling and mountainous
Soil loam and rocky and
and 4th rate -

Timber Pine Cedar and Piñon

17 West Bely T30N R3 E

BOOK 1375

Obs

Dense undergrowth and
heavily timbered land 80.0000

North but Sec 1 and 6.

Ascending over rolling rolling
land with heavy timber
and dense undergrowth -

1.00 descend rapidly toward

4.00 Dry wash 20 lks wide
course. S W.

11.00 Top of ascent bears E and
W.

15.00 ascend rapidly over
rocky ground @ slope
S.W.

27.00 Top of ascent and descend

38.00 wagon road bears N W and S E.

40.00. Get a limestone 14 x 12 x 6 ins
10 ins in the ground for

West Bdy T30 NR 3 E 18

BOOK 1375

Chs	1/4 Sec cor marked 1/4 on W face from which a pinon tree 6 ins diam bears S76°E 6 lks dist marked 1/4 S. 1. B.T. a pinon tree 18 ins diam bears N42°W 26 lks dist marked 1/4 S. 1. B.T.
46.20	Wagon road bears N.W. and S.E.
48.00	Top of gradual ascent.
50.00	Begin descent to
56.00	Dry wash course N 60°W 50 lks wide
65.00	Dry ravine 70 ft deep 75 lks wide course N.W.
68.00	ascend rapidly over rocky ground sloping S.W.
72.00	Top of ascent and descent bears E and W.

19 West Bdy T30N R3E

Chs BOOK 1375

- 77.00 Begin rapid rocky descent
50 ft deep bears E
and W.
- 78.50 Foot of rocky descent
- 79.00 Begin rapid ascent
over ground sloping
D.
- 80.00 Set a limestone 18x12x6 in
12 ins in the ground for
Cor of Tps 30 and 31 N.
Rs 2 and 3 E, marked
with 6 grooves on each
edge from which
a pine tree 20 in diam bears
N55°E 32. No dist marked
T.31.N.R.3.E, S.31.B.T.
a pine tree 14 in diam bears
S14°10'E 11. No dist marked
T.30.N.R.3.E, S.6.B.T.
a pine tree 30 in diam bears

West B24 T30 N R 3 E 20

BOOK 1375

Chs

S 15° 30' W 96 lks dist marked

T. 30, N. R. 2, E. S. 1, B. T.

a pine tree 20 ins diam bears

N 43° W 57 lks dist marked

T. 31, N. R. 2, E. S. 36, B. T.

Land rolling and uneven -
barren.

Soil loam and rocky

2nd and 4th alt.

Timber Pine Cedar and
Pinon.

Dense undergrowth and
heavily timbered 80.00 chs.

Dec 4 1900.

Note: -

Finding the temp. corr. placed by
Deputy Jacobs on this line agree-
ing, and within two or three
links of my measurements, I es-
tablished and marked my corners
at same points.

21

East Boundary of T30NR3 E.

Obs

BOOK 1375

December 5th at 8 h 10 m a.m.I set off $22^{\circ}19'$ decl and $54^{\circ}5'$

co lat on the vertical circle

and determine a true

Meridian with the solar at

the cor of T_p 29 and T_NR_s 3 and 4 E.

Thence I run

North bet Secs 31 and 34

Ascending over rolling

Mountainous land heavily

timbered.

35.00 Descend rapidly to wood
dry wash.

40.00 Set a quartz rock $18 \times 10 \times 4$ ins
12 ins in the ground for $\frac{1}{4}$
see cor marked $\frac{1}{4}$ on W
face from which
a penetrometer diam bears
N $29^{\circ}30'$ E 123 lks dist marked

East Bay T30NR3E

22

Obs

BOOK 1375

1/4. S. 31. B. T.

a point 30 ins diam bears

N 42° 55' W 84 lks dist marked

1/4. S. 36. B. T.

40.50 Dry wash 100 lks wide
course. W.

42.50 ascend rapidly over stony
ground sloping S. W.

47.00 Top of rapid ascent and
ascend gradually.

50.00 Begin gradual descent

58.00 Dry ravine 10 ft deep 20 lks
wide course. W.

61.00 Descend rapidly toward
canyon 100 ft deep

62.50 Foot of bluff 100 ft high
bears E and W

63.00 Rocky bluff 50 ft high
bears E and W

64.00 Top of rocky bluff 50

23 T 30 N R 3 E

Obs BOOK 1375

70.00 ft high and ascend gently
Top of gentle ascent and
descend

80.00 Set a limestone 24x10x4 ins
16 ins into the ground for cor of
Secs 25, 30, 31 and 36 marked
with 1 notch on S edge and
5 notches on N edge; from
which

a pine ^{tree} 30 ins diam bears
N 79° 35' E 72 lks dist marked
T, 30, N, R, 4, E, S, 30, B, T.

a pine tree 20 ins diam bears
S 57° 10' E 130 lks dist marked
T, 30, N, R, 4, E, S, 31, B, T.

a pine tree 30 ins diam bears
S 20° 30' W 59 lks dist marked
T, 30, N, R, 3, E, S, 36, B, T.

a pine tree 20 ins diam bears
N 43° 10' W 112 lks dist marked

East Bdy T30N R3E

24

BOOK 1875

chs

T.30N.R.3.E.S.25.13.T.

Land level and mountainous
Soil loose and rocky 2nd
and 4th alt;

Timber Pine cedar and
fir

Heavily timbered land

80.00 chs.

North cut sees 25 and 30
ascend over mountainous
land. heavily timbered

8.00 Dry ravine 30 ft wide
course S 80° W

25.00 Top of ascent and descend
gently bears E and W

31.50 Begin rocky rapid descent
100 ft deep bears E and W.

35.00 Foot of rapid rocky descent
100 ft deep. and ascend

75 East Bely T30NR32

Ch BOOK 1875

- 39.00 Top of rocky ascent 100
ft high bears E and W.
- 40.00 Set a limestone 20x12x3 ins
14 ins in the ground for $\frac{1}{4}$
See cor marked $\frac{1}{4}$ on
W face from which
a pike tree 26 ins diam bears
N 70° 45' E 55 lks dist marked
 $\frac{1}{4}$. S. 30. B.T.
a pike tree 20 ins diam bears
N 30° 10' W. 29 lks dist marked
 $\frac{1}{4}$. S. 25. B.T.
- 41.00 abrupt rocky descent 200
ft deep. bears E and W
- 46.50 Foot of abrupt rocky descent
200 ft high
- 47.00 abrupt rocky ascent 150
ft high bears W and N
- 52.00 Top of abrupt rocky
ascent 150 ft high bears

Ch

Ward N

BOOK 1375

- 55.00 abrupt rocky descent
100 ft deep bears N & and
S W
- 58.00 Foot of abrupt rocky
descent and begin
abrupt rocky ascent
50 ft high
- 71.00 Top of ascent and
descend rapidly over
ground sloping N. E.
- 77.80 Foot of rapid rocky
Descent dry wash
20 ft wide course W.
- 78.00 Rapid rocky ascent
200 ft high
- 80.00 Set a limestone 18-x-14-x-3 ins
in mound of stone for cor
of Secs 19, 24, 25 and 30
marked with 2 grooves

East Bdy T30 N R 3 E

BOOK 1375

Obs

on sand 4 grooves on N. edge,
from which

a pine tree 30 ins diam bears

N60°45' E 99 lks dist marked

T.30, N, R.4, E, S.19, B.T.

a pine tree 20 ins diam bears

S74°20' E 16 lks dist marked

T.30, N, R.4, E, S.30, B.T.

a pine tree 20 ins diam bears

S29°W 70 lks dist marked

T.30, N, R.3, E, S.25, B.T.

a pine tree 20 ins diam bears

N76°50' W 27 lks dist marked

T.30, N, R.3, E, S.24, B.T.

This cor stands on rocky

S face of bluff 100 ft

above bed of canyon -

Land Mountainous

Soil rocky 4th rate

Timber Pine Cedar

Obs

and Piñon.

BOOK 1375

Mountainous land heavily
timbered 80.00 Obs.

North bet Dics 19 and 24
over mountainous land
heavily timbered.

2.00 Top of abrupt rocky ascent
200 ft high bears E and W

8.00 abrupt rocky descent 50
ft deep bears E and W

9.50 Foot of abrupt rocky descent
50 ft deep in dry wash
10 lbs wide course W and
ascend rapidly

11.00 Top of rapid ascent and
ascend gradually

28.50 Top of gradual ascent and
Begin abrupt rocky
descent 250 ft deep

East Bdy T 30 N R 3 E

Chs BOOK 1375

- 32.00 Foot of abrupt rocky descent
dry bed of canyon 25 lks wide
course W. and ascend
rapidly. 250ft
- 37.00 Top of abrupt rocky ascent
and ascend gradually.
- 40.00 Set a limestone 16 x 12 x 4 ins
12 ins in the ground for 1/4 sec
cor marked 14 on W face,
from which
a pine ^{tree} 18 ins diam bears
S 2° 10' E 36 lks dist marked
1/4. S. 19. B.T.
a pine tree 20 ins diam bears
S 70° 30' W 77 lks dist marked
1/4. S. 24. B.T.
- 53.00 Dry ravine 20 lks wide
course N 60° W
- 56.00 Dry wash 50 lks wide
course W.

Carry Bdy T30 N R 32 ³⁰

Obs

BOOK 1375

8000 Set a limestone 14x10x6 ins
10 ins in the ground for cor of
Secs 13, 18, 19 and 24 marked
with 3 grooves on N and S
edges from which
a pine tree 22 ins diam bears
N 90° 35' E 42 lks dist marked
T30, N, R, 4, E, S, 18, B, T.
a pine tree 24 ins diam bears
S 23° 30' E 33 lks dist marked
T, 30, N, R, 4, E, S, 19, B, T.
a pine tree 10 ins diam bears
S 86° W 32 lks dist marked
T, 30, N, R, 3, E, S, 24, B, T.
a pine tree 8 ins diam bears
N 67° 35' W 57 lks dist marked
T, 30, N, R, 3, E, S, 13, B, T.
Land level and mountainous
Soil loam and rocky
2nd and 4th rats.

31 East Bay T 30 N R 3 E

BOOK 1375

Cho

Mountainous and heavily

timberland 80.00 Chs

December 5-1900.

December 6 at 8 $\frac{1}{2}$ m limit.
I set off 22° 27' decl and 54°
02' 00 lat with the vertical
circle and determine a
true meridian with the
Solar at the cor of sees
13, 18, 19, and 24.

Thence I run

North bet sees 13 and 18,
ascending over rolling ground
heavily timbered.

2.80 Wagon road bears E and W
78.00 abrupt rocky descent
200 ft deep bears E and W
32.50 Foot of abrupt rocky
descent and ascend.

Obs	BOOK 1375
	rapidly over rocky bluff 200 ft high
36.00	Top of abrupt ascent and ascend gradually.
39.00	Top of gradual ascent thence over level ground
40.00	Set a limestone 10x10x6 ins 12 ins in the ground for 1/4 Sec cor marked 1/4 on W face from which a pine tree 14 ins diam bears N43°E 39 lks dist marked 1/4. S. 18 B.T.
	a pine tree 8 ins diam bears S10°40'W 53 lks dist marked 1/4. S. 13. B.T.
48.00	Dry ravine 40 lks wide down W.
59.00	Top of ascent and descend gradually.

33 East Bay T30N R3E

Obs

BOOK 1375

- 66.00 Begin abrupt rocky descent 100 ft deep bears N.E. and S.W.
- 69.00 Foot of abrupt rocky descent 100 ft deep
- 69.50 Abrupt rocky ascent 120 ft high.
- 73.00 Top of abrupt rocky ascent 120 ft high bears N.E. and S.W. and ascend gradually,
- 80.00 Set a limestone 24 x 12 x 3 ins 16 ins in the ground for cor of Secs 7, 12, 13 and 18. Marked with 4 grooves on S. and 2 grooves on N edges from which a pin tree 20 ins diam bears N20°E 17 lts dist marked T.30, N. R. 4, E. S. 7. B. T.

East Bd, T30N R3E 34

BOOK 1375

Chs

a pine tree 20 ins diam bears

S 25° 30' E 107 lks dist marked

T. 30, N. R. 4, E. S. 18, B. T.

a pine tree 20 ins diam bears

S 45° 30' W 36 lks dist marked

T. 30, N. R. 3, E. S. 13, B. T.

a pine tree 12 ins diam bears

N 38° 50' W 132 lks dist marked

T. 30, N. R. 3, E. S. 12, B. T.

Level and Mountainous

Soil Loam and rocks

3rd and 4th rate

Timber Pine cedar

and Pinon.

Heavily timbered and

Mountainous land

80.00 Chs

North bet Secs 7 and 12.

ascending over rolling

35 East Bay T30N R3E

- Chs BOOK 1375
land heavily timbered
- 15.00 Top of gradual ascent
and descent
- 23.00 Dry wash 30 lks wide
course N W and ascend
- 27.50 Dry wash 40 lks wide
course S. W.
- 28.10 Wagon Road bears E and W.
- 40.0 } Set a limestone 14x10x8 ins
10 ins in the ground for 1/4
See cor marked 1/4 on W
face from which
a pine tree 16 ins diam
bears
N59°E 48 lks dist marked
1/4. S. T. B.T.
a pine tree 20 ins diam bears
S69°W 65 lks dist marked
1/4. S. 12. B.T.
- 58.00 Dry wash 30 lks wide course

East Bdy T30NR3E. 36

Chs

BOOK 1375

N 45° W and ascended
gradually.

60.30 The Rim of the Grand Canyon
a perpendicular precipice
5000 feet deep.

Set a limestone 18 x 10 x 6 ins
in a mound of stone for
witness cor of Secs 1, 6, 7 and
12 marked, N.C. on N
face, with 5 grooves on S, and
1 groove on N edges, from which
A pinon tree ^{12 mi. S.} bears S 45° E,
60 lbs. dist., marked N.C. T. 30 N.
R. 4 E. S. 7 B.T.

A cedar tree ^{14 mi. S.} bears S 27° 30' W, 57 lbs. dist.
marked N.C. T. 30 N. R. 3 E., S. 12 B.T.

Land, rolling.

Soil, loam, rocky. 2nd & 4th rate.

Timber, Pine, Cedar & Pinon.

Heavily timbered land, 80.00 chs.
DEC. 6-1900.

N. B. by T. 30. N. R. 3. E.

Chs

BOOK 1375

1/4. S. 6. B. T.

a pine tree 8 ins diam bears

N $16^{\circ}30'$ W. 62 lks dist marked

1/4. S. 31. B. T.

54.00

Dry wash 50 lks wide across

S. E.

79.00

Set a limestone $18 \times 12 \times 4$ ins

12 ins in the ground for cor

of Secs 5, 6, 31 and 32

Marked with 5 grooves

on E and 1 groove on W

edges from which -

a cedar tree 14 ins diam bears

N $51^{\circ}30'$ E 44 lks dist marked

T. 31, N. R. 3. E. S. 32. B. T.

a pine tree 10 ins diam

bears S $53^{\circ}40'$ E 19 lks dist

marked

T. 30, N. R. 3. E. S. 5. B. T. &c

a cedar tree 8 ins diam bears

N. Bdy T. 30. N. R. 3. E. 40

BOOK 1375

Chs

S 87° W 33 lks dist marked
T. 30. N. R. 3. E. S. 6. B. T.

a pinon tree 8 ins diam bears
N 39° W 61 lks dist marked

T. 31. N. R. 3. E. S. 31. B. T.

Land level and rolling -

Soil loam and rocky 2nd
and 4th rate -

Timber Pine cedar
and Pinon -

Heavily timbered land

79.00 Chs

N 89° 59' E bet Secs 5 and 32

Descending over rolling
ground heavily timbered

15.00 Dry wash 30 lks wide course
S.W. and ascend gully

40.00 Set a limestone 16x10x8 ins
12 ins in the ground for 1/4 sec

41 N. Bely T. 30. N. R. J. E.

Chs

BOOK 1375

Cor marked $\frac{1}{4}$ on N face
from which.

a cedar tree 10 ins diam bears
 $N 38^{\circ} 15' 89$ lts dist marked
 $\frac{1}{4}$ S. 32. B.T.

a cedar tree 8 ins diam bears
 $S 55^{\circ} W$ 14 lts dist marked
 $\frac{1}{4}$ S. 5. B.T.

49.00 Dry wash 30 lts wide
course S.

49.50 Begin rapid rocky ascent
40 ft high

51.00 Top of abrupt rocky ascent
40 ft high bears N. and S.
and ascend gently -

68.50 Top of gentle ascent and
descend, bears N. & S.

76.50 Dry wash 50 lts wide
course S. W.

80.00 Set a limestone $14 \times 10 \times 8$ ins

N. Bdy. T. 30. N. R. 3. E.

42

Chs

BOOK 1375

10 ins in the ground for cor
of Dees 4, 5, 32 and 33.

marked with 4 grooves on
E and 2 grooves on W edges
from which -

a pine tree 15 ins diam bears

N 26° E 22 lbs dist marked

T. 31. N. R. 3. E. S. 33. B. T.

a pine tree 10 ins diam bears

S 62° 15 E 83 lbs dist marked

T. 30. N. R. 3. E. S. 4. B. T.

a cedar tree 8 ins diam bears

S 18° W 75 lbs dist marked

T. 30. N. R. 3. E. S. 5. B. T.

a pine tree 10 ins diam bears

N 28° W 37 lbs dist marked

T. 31. N. R. 3. E. S. 32. B. T.

Land level and rolling
Soil loam and rocky
2nd and 4th rate.

N. Bdy T. 30, N. R. 3. E.

chs

BOOK 1375

Timber Pine cedar and
Piwon-

Heavily timbered land

80.00 chs

N. 8.9° 59' E for Secs 4 and 33
ascending over rolling
land heavily timbered

26.00 Top of ascent bears N and S.
and descend gradually.

34.00 Dry wash 30 lks wide
course S. W. and ascend

40.00 Set a limestone 16 x 6 x 8 in
12 ins in the ground for $\frac{1}{4}$
Sec cor marked $\frac{1}{4}$ on N
face from which
a pine tree 20 ins diam bears
S 48° 40' E 3 lks dist marked
 $\frac{1}{4}$ S. A. B.T.

a pine tree 22 ins diam bears

N. Bely. T. 30. N. R. 3. E. 44

Chs

BOOK 1375
N 13° 30' W 58 lbs dip marked
1/4 S. 33 B.T.

- 53.00 Top of ascent and descent gradually.
- 59.50 Abrupt rocky descent 40 ft high bears N. E. and S. W.
- 61.50 Dry wash 25 lbs wide course S. W.
- 62.00 Abrupt rocky ascent 20 ft high
- 63.00 Top of abrupt rocky ascent and descent gradually.
- 80.00 The cor of Secs 3. 4. 33 and 34.
Land rolling and level
Soil loam and rocks
2nd and 4th rate.
Timber Pine cedar
and Piron.

N. Bely. T. 30. N. R. 3. E.

chs

BOOK 1375

Heavily timbered land

8000 chs.

N 89° 59' E but sees 3 and 34.

Ascending over rolling land heavily timbered

9.00 To left rim of the Grand Canyon of the Colorado river Perpendicular bluff 3000 ft high-

Set a limestone 18 x 10 x 4 ins in mound of stone for meander cor. of fract sees 3 and 34

Marked M.C. on S. face with 3 grooves on W face and raise a mound of stone 2 ft base 1/2 ft high N of cor. Pit is impracticable. Land rolling

N. Bdy. T. 30. N. R. 3. E.

46

BOOK 1375

Chs

Soil loam and rocky -
2nd and 4th rate -
Timber Pinon & cedar.

Dense Pinon and cedar
under brush 9.00. chs

Dec 14, 1900

For General Description
see field note of sub division
of this Tr.

Latitudes, Departures and Closing Errors

	Lat.	N.	S.	E.	W.
N. Bdy. $7.59^{\circ}59' E.$	239.00	.07		239.00	
" " $7.59^{\circ}53' E.$	50.21	.16		50.21	
" " East	50.04			50.04	
" " $7.59^{\circ}58' E.$	79.50	.04		79.50	
E. Bdy. north	320.00	320.00			
" " $7.0^{\circ} 2' W.$	160.00	160.			.08
S. Bdy. $89^{\circ}58' W.$	479.14		.28		479.14
W. Bdy. South	450.00		450.00		
Convergence		480.27	480.28	479.57	479.22
		480.27	480.27	479.22	
				.52	
				479.22	479.22
					Error in Δ
				.35	

APPROVAL.

No. 1375 48

BOOK 1375

OFFICE OF THE U. S. SURVEYOR GENERAL,

BOOK 1375

Tucson, Arizona, Mar 5, 1901

The foregoing field notes of the survey
of The North and East Bdy's
of Tp. 30 N. R. 3 E.

Gila & Salt River Meridian,

executed by James B. Pope

under his contract No. 75, dated 6/13.1900

having been critically examined, and the

necessary corrections and explanations made

made, the said field notes, and the sur-

veys they describe, are hereby approved.

George Christ

U. S. Surveyor General for Arizona.