~~Book No 1~~

Subdivisions of

T 16 N, R 6 E

Cont. No 101.

No 198

198

4-671

FIELD NOTES

GENERAL LAND OFFICE

No - 198

Field Notes
of the
Survey of the
Subdivision lines of Tp 16
North Range 6 East -
of the
Gila and Salt River
Base and Meridian
of the
Territory of Arizona
as surveyed by
James B Girand
and
Park W Latimer
Under their Contract
No 101 -
Dated June 30th 1902

Survey commenced Sept 23 1902
Survey completed Oct 4th 1902

17

Names and Duties of assistants

A. L. Fritsche Chainman
T. R. Batt Chainman
J. J. Gilmore Axman
L. M. Hanson Flagman

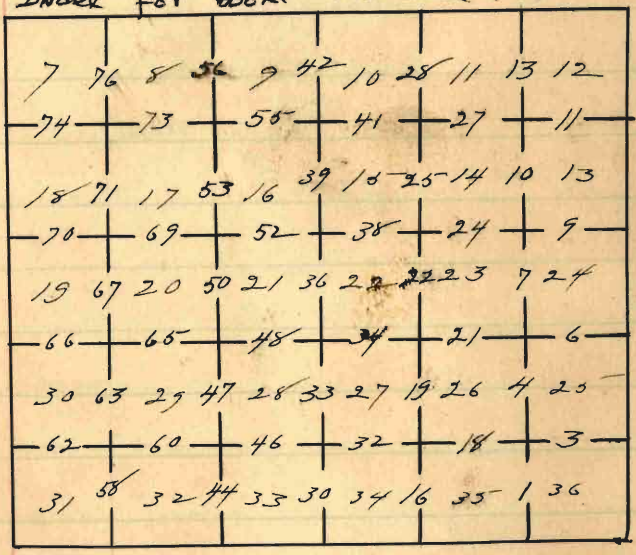
BOOK 198

Books 198 and 199

Index

TIGNAGE

Index for Book. 198 and 199



1. 1C BOOK II 98 BOOK I BOOK

Subdivision of Tp 16 N Rg

Chains	
	Survey Commenced Sept 23rd at 8 a.m. l.m.t. I set off 34°45'36" on lat. arc 0°9'59" N on decl. arc. and determine true mer. with solar at cor of secs 1, 2, 35 and 36 on S bdry of Tp. Thence I run N 1°W on a true line bet secs 35 and 36. Over rough broken country and through scattering cedar timber
0.10	Ascend steep N slope of Dry Creek.
9.00	Top of malpais ridge brs E & W.
19.30	Descend rapidly.
33.20	Cross dry wash Course S.W.
35.42	Ascend malpais ridge.
40.00	Set malpais 20x17x8 ins 15 ins in the ground for 1/4 sec cor: mkd 1/4 on W face. From which
	a cedar 8 ins in diam brs

6E. G. & S.R. Mer. Arizona. 2.

Chains	
	N 88° E: 160 lks dist: mkd 1/4 S 36 B.T.
	a cedar 8 ins in diam brs N 87° W:
	58 lks dist: mkd 1/4 S 36 B.T.
42.00	Top of ridge brs E and W. and descend
50.75	Bed of dry wash course S W. and ascend
80.00	Set a malpais stone 18 x 11 x 9 ins 12 ins
	in the ground, for cor of secs 25, 26
	35 and 36, mkd with 1 groove on S
	and E edges - From which:
	a cedar 4 ins in diam brs N 30° E:
	93 lks dist: mkd T 16 N R 6 E S 25 B.T.
	a cedar 16 ins in diam brs S 41° E:
	47 lks dist: mkd T 16 N R 6 E S 36 B.T.
	a cedar 12 ins in diam brs S 20° W:
	19 lks dist: mkd T 16 N R 6 E S 30 B.T.
	a cedar 6 ins in diam brs N 19° W:
	84 lks dist: mkd T 16 N R 6 E S 26 B.T.
	Land mountainous -
	Soil rocky 4th rate -
	Timber scattering cedars -

BOOK A 98

3 Subdivision of Tp 16 N R 6 E.

Chains	
	Mts land 80.00 chains.
	E-m a random line bet secs 25 and 36.
40.00	Set temp. 1/4 sec cor.
80.06	Intersect E bdry of Tp 16 Rho 4 E of the cor of secs 25-30-31 and 36. Thence run S 89° 00' W on a true line bet secs 25 and 36 over rolling country through very dense cedar timber.
20.00	Cross dry wash course S.W.
40.03	Set a malpais stone 18 x 12 x 10 ins 12 ins in the ground; for 1/4 sec cor: mkd 1/4 on N face. From which a cedar 6 ins in diam bears N 4° W: 13 lks dist: mkd 1/4 S 25 B.T. a cedar 10 ins in diam bears S 7° W: 72 lks dist: mkd 1/4 S 36 B.T.
49.56	Cross dry wash course S.W.

G & S.R. Mer: Arizona 4

Chains	
80.06	The cor of secs 25, 26, 35 and 36. Land rolling. Soil rocky & the rate. Timber dense cedar and pinon. Dense growth of cedar and pinon timber 80.06 chains.
	N 00°01' W Set secs 25 and 26 over rolling country through very dense cedar and pinon timber.
23.30	Cross road to Wet Beaver. Brs N.E. and S.W.
40.00	Set a malpais stone 20 x 12 x 6 ins 15 ins in the ground for 1/4 sec cor: mkd 1/4 on W face from which a cedar 4 ins in diam brs S 78° E: 123 lks dist: mkd 1/4 S 26 B.T. a cedar 8 ins in diam brs S 89° W: 73 lks dist: mkd 1/4 S 26 B.T.

5 Surveyor's Field Notes of Tp 16 N Rg 6 E.

Chains

69.60 Cross wagon road to Klamath Falls: bears E and W.

80.00 Set mahogany 20 x 18 x 18 ins 15 ins in the ground for cor of secs 23, 24, 25 and 26: mkd with 2 grooves on S and 1 groove on E edges - From which:

a cedar 6 ins in diam bears N 78° E: 63 lks dist: mkd T 16 N R 6 E S 24 B.T.

a cedar 6 ins in diam bears S 3° E: 62 lks dist: mkd T 16 N R 6 E S 25 B.T.

a cedar 6 ins in diam bears S 85° W: 64 lks dist: mkd T 16 N R 6 E S 26 B.T.

a cedar 8 ins in diam bears N 62° W: 63 lks dist: mkd T 16 N R 6 E S 23 B.T.

Land, rolling -

Soil Rocky 4th rate -

Timber cedars and pines -

Dense growth of cedar and pine timber 80.00 Chains -

G + S.R. Mer. Arizona

Chains	
	N 85°57'E on a random line bet secs 24 and 25.
40.00	Set temp° 1/4 sec cor.
79.84	Intersect E bndry of Tp 16 ths N of the Cn of secs 24, 25, 19 and 30.
	Thence I run N 85°57'W on a true line bet secs 24 and 25.
39.92	Set a malpais stone 26 x 10 x 16 ins 19 ins in the ground for 1/4 sec cor: mkd 1/4 on N face. Thence.
	a cedar 30 ins in diam bears N 3° W: 32 lks dist: mkd 1/4 S 24 T3.T.
	a cedar 12 ins in diam bears S 4° 30' W: 40 lks dist: mkd 1/4 S 25 T3.T.
79.84	Cor of secs 23, 24, 25 and 26.
	Land, rolling.
	Soil rocky 4th rate.
	Timber dense cedar and pinon.
	Very dense cedar and pinon timber 79.84 chains.

Chains

Sept 23 1902

Sept 24th 1902 at 8 a.m. l.m.t.
I set off 34°48' on lat arc.
✓ 0°14'S on decl arc, and determine
a true meridian with
solar at the cor of secs 23, 24, 25
and 26. Thence I run
N 00°01'W on a true line bet
secs 23 and 24 over rough
broken country through very
dense cedar timber.

22.35 S. brink of Rattlesnake Canon and
descend rapidly.

26.10 Bed of Rattlesnake Canon 65 lks.
wide and ascend rapidly course W.

37.20 N. brink of Canon.

40.00 Set a malpais stone 24 x 16 x 10 ins
18 ins in the ground for 1/4 sec
cor. mkd 1/4 on W face. Whence
a cedar 12 ins in diam brs N 77° E.

Chains	
	58 chs dist: mkd 1/4 S 24 B.T.
	a cedar 6 ins in diam brs S 73°W: 11 chs
	dist: mkd 1/4 S 23 B.T.
80.00	Set a malpais stone 20 x 15 x 8 ins 15 ins
	in the ground for cor of secs 13, 14
	23 and 24 - mkd with 3 notches on
	S and 1 notch on E edges - Whence
	a cedar 4 ins in diam brs N 62°E: 170
	lks dist: mkd T 16 N R 6 E S 13 B.T.
	a cedar 8 ins in diam brs S 78°E: 192
	lks dist: mkd T 16 N R 6 E S 24 B.T.
	a cedar 10 ins in diam brs N 57°W: 103
	lks dist: mkd T 16 N R 6 E S 14 B.T.
	a cedar 12 ins in diam brs S 81°W: 137
	lks dist: mkd T 16 N R 6 E S 23 B.T.
	Land rough and broken -
	Soil rocky 4th rate
	Timber cedar and pinon -
	Rough broken country and very
	dense cedar timber 80.00 chains

Subdivision of Tp 16 N Rg. 6 E. 9th

Chains	
	S 89° 57' E on a random line bet secs 13 and 24.
40.00	Set temp 1/4 sec cor.
79.97 ✓	Intersect E bdry of Tp 2 lks N of cor of secs 13, 18, 24 and 19. Thence S run N 89° 52' W on a true line bet secs 13 and 24 over rolling country through dense cedar timber.
12.50	Cross small Cañon course S.W.
39.98	Set a mahogany stone 20 x 18 x 10 ins 15 ins in the ground for 1/4 sec cor. mkd 1/4 on N face. Thence a cedar 18 ins in diam brs N 36° W. 101 lks dist: mkd 1/4 S 13 B.T. a cedar 8 ins in diam brs S 11° W. 82 lks dist: mkd 1/4 S 24 B.T.
79.97	Cor of secs 13, 14, 23 and 24. Land rolling.

T. & S.R. Mer. Arizona.

Chains	
	Soil rocky 3rd and 4th rate.
	Timber cedar and pinon.
	very dense cedar timber 79.97 Chains
	N 80°01' W bet secs 13 and 14 mon
	rolling country through very
	dense cedar timber.
17.80	S bank of small cañon course S.W.
25.10	Bed of cañon 30 lks wide and ascend.
32.00	N bank of cañon.
40.00	Set a mob pais stone 20x16x8 ins
	15 ins in the ground for 1/4 sec
	cor: mkd 1/4 on W face. W from:
	a cedar 15 ins in diam bears S 61° E:
	42 lks dist: mkd 1/4 S 13 13 T.
	a cedar 12 ins in diam bears N 32° W: 18
	lks dist: mkd 1/4 S 14 13 T.
42.00	Cross draw. bears E + W
46.70	S bank of cañon and descend.
61.10	Bed of cedar cañon course S W.

11

Subdivision of Tp 16 N Rg 6 E. W

Chains	
72.30	N bnds of cedar canon.
80.00	Set a malpais stone 22 x 18 x 6 ins 17 ins in the ground for cor of secs 11, 12, 13 and 14: mkd with 4 notches S and 1 notch on E edges - W Bears a cedar 6 ins in diam brs N 62° E: 15 lks dist: mkd T 16 N R 6 E S 12 13 T.
	a cedar 6 ins in diam brs S 42° E: 36 lks dist: mkd T 16 N R 6 E S 13 B.T.
	a cedar 4 ins in diam brs S 38° W: 76 lks dist: mkd T 16 N R 6 E S 14 B.T.
	a cedar 12 ins in diam brs N 76° W: 211 lks dist: mkd T 16 N R 6 E S 11 B.T.
	Land, rolling -
	Soil rocky 3rd + 4th rate -
	Timber cedar + pinon -
	Very dense cedar timber 80.00 chs.

S 89° 86' E on a random line bet secs 12 and 13.

Chains	
40.00	Set temp 1/4 sec cor
80.06	Intersect E bdry of Tp 3 lks N of cor of secs 12, 13, 7 and 18. Thence I run N 89°50' W on a true line bet secs 12 and 13 over rough broken country through very dense cedar timber -
21.40	E brink of cedar canon and descend
36.20	Bed of cedar canon 36 lks wide, course S.W. and ascend
40.03	Set a malpais stone 22 x 18 x 12 ins 16 ins in the ground for 1/4 sec cor: mkd 1/4 on N face and raised a mound of stone, 2 ft. base, 1 1/2 ft. high, N of cor. Pits impracticable No bearings available.
56.20	W brink of Cedar canon
80.06	Cor of secs 11, 12, 13 and 14.
	Land rough and broken -
	Soil rocky 3rd and 4th rate -
	Timber cedar and pinon -

Chains

Rough and broken country 40.06 chains - Very dense cedar timber 40 chains -

Sept 24th 1902.

Sept 25th 1902 at 8 a.m. l. m. t. I set off 34°49' on the lat arc. 0°37'30" on the decl. arc, and determine a true mer. with solar at the cor of secs 11, 12, 13 and 14 - Thence I run N 00°01' W bet secs 11 and 12 through dense cedar timber over very rough and broken country along the E brink of Wood's canon -

10.60 Brink of canon and descend rapidly into side canon

16.10 Bed of canon course S.W. and ascend

28.00 N brink of canon and thence across malpais point -

29.50 Summit of rocky point and

Chains	
	then descend into draw -
33.10	Cross draw bears W. and ascend -
37.40	Top of ridge brs E and W -
38.60	Bottom of draw brs W - and then along the steep E slope on the E side of Woods Canon -
41.00	a rock in place 30 x 20 x 18 ins above the ground - Mk a cross at exact cor point and mkd 1/4 W of same - Whence -
	a pinon 6 ins in diam brs N 81° W: 40 lks dist: mkd 1/4 S 11 B.T.
	an oak 10 ins in diam brs N 62° E: 34 lks dist: mkd 1/4 S 12 B.T.
46.10	Top of small malpais ridge brs W and descend -
47.15	Cross dry wash course S.W.
49.60	Cross rocky sandstone point brs S.W. and descend rapidly -
72.20	Bed of Woods Canon 120 lks

15 Chains Subdivision of Tps 16 N Rg 6 E:

wide course S.W.

75.90. I intersect the 4th Standard parallel at a point N 89° 30' W 12.21 chains dist from the Standard Tp cor of Tps 17, N Rs 6 and 7 E. I set a sandstone 24 x 18 x 6 ins 18 ins in the ground for Closing cor bet secs 11 and 12 mkd with 1 notch on E and 5 notches on W edges, and C.C. on S face - Whence:

a cottonwood 10 ins in diam bears S 71° E: 115 lks dist: mkd T 16 N R 6 E S 12 B.T.

a sy cannon 8 ins in diam bears S 54° W: 63 lks dist: mkd T 16 N R 6 E S 11 B.T.

Land mountainous -

Soil rocky & thin -

Timber cedar, pinon and sy cannon

Prin cedar timber 20 chains -

Chains	
	Very rough and broken country covered with dense oakbrush 75.50 chains -
	From the cor of secs 34 and 35 on S bdry of Tp I run N 0°01' W bet secs 34 and 35 over rolling mesa land through dense cedar timber -
40.00	Set a malpais stone 20 x 8 x 6 ins 15 ins in the ground for 1/4 sec cor, mkd 1/4 on W face. Whence -
	a cedar 4 ins in diam brs N 40° W: 97 lks dist: mkd 1/4 S 34 B.T.
	a cedar 6 ins in diam brs S 87° E: 66 lks dist: mkd 1/4 S 35 B.T.
42.00	Cross road to Wet Beaver bro SW + NE
68.82	Descend -
73.46	Cross dry wash 30 lks wide course S.W.

BOOK 1 98

17 Subdivision of Tp 16 N R 6 E:

Chains

80.00 Set a malpais stone 20 x 12 x 5 ins 15 ins. in the ground for cor of secs 26, 27, 34 and 35, mkd with 1 notch on S and 2 notches on E edges - Whence -

a cedar 10 ins in diam bears N 30° 30' E: 43 lks dist: mkd T 16 N R 6 E S 26 B.T.

a cedar 10 ins in diam bears S 66° E: 27 lks dist: mkd T 16 N R 6 E S 35 B.T.

a cedar 10 ins in diam bears S 60° W: 22 lks dist: mkd T 16 N R 6 E S 34 B.T.

a cedar 10 ins in diam bears N 40° W: 65 lks dist: mkd T 16 N R 6 E S 27 B.T.

Land rolling -

Soil rocky 3rd + 4th rate

Timber cedar and pinon very sparse cedar timber

80.00 Chains -

Chains	
	E- on a random line bet secs 26 and 35 -
40.00	Set temp 1/4 sec cor -
80.00	Fell 18 lks S of cor of secs 25, 26, 35 and 36 - Thence I run S 89° 32' W on a true line bet secs 26 and 35 over rolling country through dense cedar timber -
5.50	Cross draw 30 lks wide bears N + S.
30.00	Top of hill - and descend -
35.00	Cross road to Nat Beaver N.E. & SW
35.85	Cross Ravine 15 lks wide course S.
40.00	Set a malpais stone 22 x 12 x 4 ins 16 ins in the ground for 1/4 sec cor mkd 1/4 on N face - Whence - a cedar 12 ins in diam bears N 10° E: 7 lks dist: mkd 1/4 S 26 B.T. a cedar 12 ins in diam bears S 18° W 15 lks dist: mkd 1/4 S 35 B.T.

Chains	
80.00	Cor of secs 26, 27, 34 and 35 -
	Land, mountainous -
	Soil rocky 3rd and 4th rate -
	Timber cedar and pinon
	Mountainous land and
	dense cedar timber 80 chs.
	Sept 25th 1902
	Sept 26th 1902 at 8 a.m. l.m.t.
✓	I set off 34°46' N. on the lat arc
✓	1°00'30" S. on the decl. arc and
	determine a true mer at the
	cor of secs. 26, 27, 34 and 35 -
	Thence I run N 0°01' W bet
	secs 26 and 27 over rolling
	country through dense cedar
	timber -
40.00	Set a malpais stone 20 x 10 x 8 ins
	15 ins in the ground for 1/4
	sec cor mkd 1/4 on W face - Whence
	a pinon 6 ins in diam brs S 87° W

Chains

36 Chs dist: mkd 1/4 S 27 B.T.

a pinon 7 ins in diam brs: N 87° E:

45 Chs dist: mkd 1/4 S 26 B.T.

60.60 Cross dry wash 20 Chs wide course W.

72.53 Cross Mt Blanco Road brs E & W.

76.00 S Bank of Rattlesnake Cañon and descend rapidly.

80.00 Set a molpais stone 18 x 12 x 6 ins 13 ins in the ground on E of secs 22, 23, 26 and 27 mkd with 2 notches on E and 2 notches on S edges; and raised a mound of stone, 2 ft. base, 1½ ft high, W of on. Pits impracticable. Sand, rolling.

Soil rocky 3rd and 4th rate.

Timber cedar and pinon.

Very dense cedar timber 76 Chains

Rough mountainous country 4 Chains.

Chains	
	N 89°52' E on a random line bet secs 23 and 26 -
40.00	Set temp 1/4 sec cor -
79.98	Fell 7 lks N of the cor of secs 23, 24, 25 and 26 - Thence I run S 89°55' W on a true line bet secs 23 and 26 over rolling county through dense cedar and pinon timber -
10.65	Cross wagon road brs N.W. and S.E.
34.10	Cross wagon road brs S.W. and N.E.
39.99	Set a malpais stone 20 x 12 x 4 ins 15 ins in the ground for 1/4 sec cor mkd 1/4 on N face - Whence: a cedar 14 ins in diam brs N 20° E: 87 lks dist: mkd 1/4 S 23 B.T. a pinon 10 ins in diam brs S 9° E: 85 lks dist: mkd 1/4 S 26 B.T.
46.00	Beg in descent into S side of Rattle-snake Canon -

Chains	
79.58	Cor of secs 22, 23, 26 and 27-
	Land, rolling-
	Soil rocky 3rd and 4th rate-
	Timber cedar and pinon-
	Dense cedar and pinon timber
	46 chains- Dense oak brush and
	very rough broken country 34 chs-
	N 00°01' W but secs 22 and 23 over
	very rough broken country.
	down steep slope of Rattlesnake
	Canon through oak brush and
	dense cedar timber-
1210	Bed of Rattlesnake Canon 30 lks wide
	course W and ascend-
2420	North bank of R. Canon and then
	through dense cedar timber
4000	Set a malpais stone 36x12x4 ins
	27 ins in the ground for 1/4 sec cor.
	with 1/4 on W face- Whence

 Subdivision of Tp 16 N R 8 E:

Chains	
	a cedar 13 ins in diam brs S 59° E: 36
	lks dist: mkd 1/4 S 23 B.T.
	a cedar 12 ins in diam brs S 58° W: 38
	lks dist: mkd 1/4 S 22 B.T.
51.00	Brink of small canon and descend
55.55	Cross dry canon course W-
67.10	Brink of "Woods" canon and descend
80.00	Mark malpais in place with
	cross for exact cor pt, 36 x 30 x 20 ins
	above ground, for cor of secs 14, 15
	22 and 23, mkd with 2 notches on E
	and 3 notches on S edges and I raise
	a mound of stone 2 ft. base 1 1/2 ft high
	W of cor - Pits impracticable.
	Land rough and broken.
	Soil rocky 4th rate
	Timber cedar and oak-brush
	Mountainous land and dense
	cedar timber 80.00 chains

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Chains	
	N 89°50' E on a random line bet secs 14 and 23.
40.00	Set temp 1/4 sec cor.
79.98	Fell 7 lks N of the cor of secs 13, 14, 23 and 24. Thence I run S 89°08' W on a true line bet secs 14 and 23 over rolling country through dense cedar timber.
39.99	Set a malpais stone 20x16x14 ins 15 ins in the ground for 1/4 sec cor mkd 1/4 on N face whence.
	a cedar 12 ins in diam bears N 9° E : 17 lks dist: mkd 1/4 S 14 B.T.
	a cedar 14 ins in diam bears S 6° W : 8 lks dist: mkd 1/4 S 23 B.T.
60.80	Brink of Woods canon and descend through very dense oak brush
79.98	cor of secs 14, 15, 22 and 23.
	Land, rough and broken.
	Soil rocky 3rd and 4th rate.

25 Subdivision of Tp 16 N Rg 6 E:

Chains	
	Timber cedar, pinon and oak-brush.
	Dense cedar timber and oak brush
	80 chains.
	Lyt
	N 0°01' W bet secs 14 and 15 down steps W side of Woods Canon through very dense oak brush and scattering cedar timber
9.90	Brink of canon
16.00	Bed of Woods Canon 180 lks wide course S.W. and ascend
19.40	N brink of canon.
40.00	Set a sandstone stone 24 x 16 x 6 ins 18 ins in the ground for 1/4 sec cor mkd 1/4 on W face - Whence.
	a cedar 24 ins in diam bears S 46°30' W. 61 lks dist: mkd 1/4 S 15 B.T.
	a pinon 6 ins in diam bears N 89° E: 71 lks dist: mkd 1/4 S 14 B.T.

Chains-

60.82 N brink of Wood's Canon and
then through dense cedar timber
80.00 Set a malpais stone 24x16x6 ins, 18 ins in
the ground for cor of secs 10, 11, 14 and
15. mkd with 4 notches on S and 2
notches on E edges - Whence -
a cedar 4 ins in diam brs N 15°E: 183
lks dist: mkd T16NR6ES11B.T.
a cedar 6 ins in diam brs S47°E: 100
lks dist: mkd T16NR6ES14B.T.
a pinon 6 ins in diam brs S76°W: 143 lks
dist: mkd T16NR6ES15B.T.
a cedar 6 ins in diam brs N51°W: 146
lks dist: mkd T16NR6ES10B.T.
Land, mountainous.
Soil 3rd and 4th rate-
Timber cedar, pinon and oakbrush-
Mountainous land and dense
oakbrush and cedar timber 80.00
chains -

27 Subdivision of Tp 16 N Rg. 6 E:

Chains

Sept 26 1902 -

Sept 27th 1902 at 8 a.m. l.m.t. I set off 34°49' on the lat arc and ✓ 1°24' S. on the decl arc and determine a true meridian with the solar at the cor of secs 10, 11, 14 and 15 - Thence I run N 89°58' E on a random line bet secs 11 and 14 -

40.00 Set temp 1/4 sec cor -

79.94 Fell 13 lks N of cor of secs 11, 12, 13 and 14. Thence I run N 89°56' W on a true line bet secs 11 and 14 over rough broken country through dense cedar timber -

8.20 E brink of Woods canon and descend rapidly -

26.15 Bed of Woods canon 120 lks wide course S.W. and ascend.

Chains

39.97	Set sandstone 18 X 10 X 6 ins 13 ins in
	the ground for 1/4 sec cor mkd 1/4 on
	N face - and I erect a mound
	of stone 2 ft. base 1½ ft high
	N of cor - Pits impracticable.
43.10	W brink of Woods - canon
51.20	E brink of Dry canon -
58.80	Bed of canon course S.E.
69.20	W brink of canon -
79.94	Cor of secs 10, 11, 14 and 15 -
	Land mountainous -
	Soil rocky 4th rate
	Timber cedar, pinon and oak brush -
	Mountainous land, dense cedar
	timber and oak brush 79.94 chs -
	N 00°01' W bet secs 10 and 11 over
	rolling country through dense
	cedar timber -
40.00	Set a malpais 20 X 12 X 8 ins 15 ins

25 Chains

Subdivision of Tp 16 N Rg 6 E:

in the ground for 1/4 sec cor. mkd 1/4 on W face. Whence:

a cedar 12 ins in diam brs N 35° E: 52 lks dist: mkd 1/4 S 11 B.T.

a cedar 6 ins brs S 45° W: 204 lks dist: mkd 1/4 S 10 B.T.

37.00 Brink of cañon and descend.

54.60 Bed of cañon 30 lks wide course S.W.

75.71 Intersect the fourth Standard parallel N 89° 30' W, ~~and~~ 12.52 chains distant from the standard cor of Secs 35 and 36 of Tp 17 N R 6 E. I set a sandstone 30 x 18 x 10 ins 22 ins in the ground for closing cor bet secs 10 and 11 mkd with 2 notches on E and 4 notches on W edges and C.C. on S face. Whence:

12.52

a cedar 8 ins in diam brs S 10° E: 286 lks dist: mkd T 16 N R 6 E S 11 B.T.

a cedar 6 ins in diam brs S 85° W: 128

Chains

Ors dirt: mod T16 N R6E S10 B.T.

Land rolling -

Soil rocky 3rd and 4th rate -

Timber cedar and pinon -

Dense growth of cedar and

pinon timber 80.00 chains -

75.71

Sept 27 1902

Sept 28th 1902 at 7 a.m., I set
l.m.t.

off 34°45' on the lat arc and

✓ 1°46' S on the decl arc and

determine a true meridian

with the solar at the cor

of secs 33 and 34 on the S bdry of

the Tp. Thence I run N 0°02' W

bet secs 33 and 34 over rocky mesa

through cedar and pinon timber

5.80 Cross dry wash course S.W.

40.00 Set a malpais stone 24 x 12 x 4 ins 18

ins in the ground for 1/4 sec cor.

31 Subdivision of Tp 16 N Rg 6 E:

Chains

mkd 1/4 on W face - Whence:

a cedar 8 ins in diam brs S 65° E: 105

lks dist: mkd 1/4 S 34 B.T.

a cedar 15 ins in diam brs S 77° W: 134

lks dist: mkd 1/4 S 33 B.T.

80.00 set a malpais stone 22 x 10 x 8 ins 16 ins

in the ground for corners 27, 28, 33 + 34

mkd with 1 notch on S and 3 notches on

E edges of Whence:

a cedar 12 ins in diam brs N 70° E: 22

lks dist: mkd T 16 N R 6 E S 27 B.T.

a cedar 6 ins in diam brs S 46° E:

150 lks dist: mkd T 16 N R 6 E S 34 B.T.

a cedar 12 ins in diam brs S 53° W:

78 lks dist: mkd T 16 N R 6 E S 33 B.T.

a cedar 6 ins in diam brs N 22° W:

47 lks dist: mkd T 16 N R 6 E S 28 B.T.

Land, rolling rocky Mesa -

Soil rocky 4th rate -

Timber cedar -

Chains	
	Heavy cedar timber 80 chains
	East on a random line bet secs 27 and 34-
40.00	Set temp 1/4 sec cor-
80.16	Fell 46 lks N of cor of secs 26, 27, 34 and 35. Thence I run N 89°40' W on a true line bet secs 27 and 34 over rolling country through dense cedar timber-
40.08	Set a malpais stone 20 x 18 x 6 ins 15 ins in the ground for 1/4 sec cor mkd 1/4 on N face - Whence a cedar 10 ins in diam brs N 10°57' E: 80 lks dist: mkd 1/4 S 27 B.T. a cedar 10 ins in diam brs S 3°45' E: 44 lks dist: mkd 1/4 S 34 B.T.
80.16	Cor of secs 27, 28, 33 and 34. Land, rolling- Soil rocky 4th rate-

Chains

Timber cedar-

Dense growth of cedar timber

80.16 chains-

N 00°02' W bet secs 27 and 28 over

rolling mesa through heavy cedar

timber-

24.00 Top of ridge - brs S.W.

36.00 Cross wash course S.W.

40.00 Set a malpais stone 18 x 8 x 6 ins 13

ins in the ground for 1/4 sec cor.

mkd 1/4 on W face - Whence-

a cedar 12 ins in diam brs N 68° W:

28 lks dist: mkd 1/4 S 28 B.T.

a cedar 8 ins in diam brs N 44° E: 50

lks dist: mkd 1/4 S 27 B.T.

47.60 Cross wagon road brs E and W.

62.00 S brink of Rattlesnake canon and

descend rapidly-

80.00 Set a malpais stone 20 x 10 x 6 ins

Chains.

Chains	
	5 ins in the ground for cor of secs 21, 22, 27 and 28 mkd with 2 notches on S and 3 notches on E edges - and I erect a mound of stone with 2 ft base, 1½ ft high W of cor - Pits impracticable.
	Land, rolling -
	Soil, rocky 4th rate.
	Timber, cedar and oak brush.
	Very dense cedar timber 62 chains.
	Rough broken country and very dense oak brush 18 chains -

	S 89°40' E on a random line bet secs 22 and 27.
40.00	set temp ¼ sec cor -
80.02	Fell 36 lks S, of the cor of secs 22, 23 26 and 27. Thence I run S 89°36' W. on a true line bet secs 22 and 27 along very steep S slope

Chains

of Rattlesnake canon, over rough broken country through very dense oak-brush.

40.01 Set a malpais stone 24 x 10 x 8 ins 18 ins in the ground for 1/4 sec cor mkd with 1/4 on N face: Whence: a cedar 6 ins in diam brs N 48° W: 65 lks dist: mkd 1/4 S 22 B.T.

a cedar 12 ins in diam brs S 15° W: 20 lks dist: mkd 1/4 S 27 B.T.

80.02 Cor of secs 21, 22, 27 and 28.

Land, mountainous.

Soil, rocky 4th rate.

Timber, oak-brush and cedars.

Mountainous land covered with a very dense growth of oak-brush 80.02 chains.

Sept 28th 1902

Chains	
	Sept 29th 1902 at 8 a.m. l.m.t.
2°-10-42 off.	I set off 34°47' on the lat arc
	and 2°16' S on the decl. arc and
	determine the true mer. with
	the solar at the cor of secs 21
	22, 27 and 28 - Thence I run
	N 00°02' W bet secs 21 and 22
	down the steep slope of the
	S side of Rattlesnake canon
	through very dense oak brush -
18.50	Cross bed of Rattlesnake canon 150
	lks wide course N.W. and ascend -
21.40	Cross point bet Wood's and
	Rattlesnake canon bears W.
27.50	Descend -
30.00	Cross Bed of Wood's canon 210 lks
	wide and ascend N slope course S.W.
40.00	Set a malpais stone 20 x 18 x 6 ins
—	15 ins in the ground for 1/4 sec
	cor mkd 1/4 on W face - Thence

 Subdivision of Tp 16 N Rg 6 E:

Chains	
	a cedar 7 ins in diam brs S 87° E: 46
	lks dist: mkd 1/4 S 22 B.T.
	a cedar 10 ins in diam: brs S 55° W: 112
	lks dist: mkd 1/4 S 21 B.T.
45.40	Top of ridge and descend course S E.
46.75	Cross dry wash course S E.
48.50	Cross small canon course E.
50.00	Cross draw course E.
58.90	Top of ridge brs E:
80.00	Set a malpais stone 24 x 12 x 6 ins 18
	ins in the ground for cor of secs 15,
	16, 21 and 22 mkd with 3 notches on
	S and 3 notches on E edges. Whence
	a cedar 6 ins in diam brs S 62° E: 79
	lks dist: mkd T 16 N R 6 E S 22 B.T.
	There being no other bearing trees
	within limits I raise a mound
	of stone 2 ft. base 1 1/2 ft high W of
	Cor - Pits impracticable -
	Land, mountainous.

Grand S. R. Mer Arizona -

Chains.

Soil rocky 4th rate -

Timber, cedar and sycamore -

Mountainous or dense oak -

brush 80.00 Chains -

N 89°58' E on a random line bet secs 15 and 22.

40.00 Set temp 1/4 sec cor

80.06 Fell 9 Ohs South of the cor of secs 14, 15, 22 and 23. Thence run S 89°52' W on a true line bet secs 15 and 22 along the W slope of Wood's canon through very dense oak brush and scatt cedar and pinon timber -

28.50 Bed of Wood's canon 400 lks wide and ascend - course S. W -

40.03 Set a sandstone 30 x 12 x 6 ins 22 ins in the ground for 1/4 sec cor Mtd. 1/4 on N face - W Bears

39 Subdivision of Tp 16 N Rg 6 E:

Chains	
	a pinon 12 ins in diam brs N 89° W 100 lks dist: mkd 1/4 S 15 B.T.
	a cedar 15 ins in diam brs S 67° W 114 lks dist: mkd 1/4 S 22 B.T.
45.10	Foot of slope and ascend-
80.06	ing of secs 15, 16, 21 and 22.
	Land, mountainous-
	Soil rocky 4th rate.
	Timber cedar and pinon.
	Mountainous land in dense
	oak-brush 80.06 Chains.

	N 00° 02' W bet secs 15 and 16 up steep
	N slope of woods Canon and through
	dense oak brush and cedar timber
13.24	N brink of Woods Canon and thro
"	Through dense cedars over rolling mesa
40.00	Set a malpais stone 20 x 10 x 6 ins.
	15 ins in the ground for 1/4 sec cor.
	mkd 1/4 on W face. W Pinon:

G and S. R. Mer Arizona

Thomas

a pinon 8 ins in diam brs S 73° E:
21 lks dist: mkd 1/4 S 10 B.T.
a cedar 36 ins in diam brs S 42° W:
42 lks dist: mkd 1/4 S 16 B.T.

49.67 Cross dry cañon 100 lks wide Course
N.W. 25 pt dep-

8000 Set a Sandstone 30 X 18 X 15 ins 22
ins in the ground for cor to secs
9, 10, 15 and 16, mkd with 4 notches
on S and 3 notches on E. and S
raise a mound of stone 2 pt
base 1½ pt high W of cor. Whence
a pinon 6 ins in diam brs S 23° E:
42 lks dist: mkd T 16 N R 6 E S 10 B.T.
a pinon 4 ins in diam brs S 40° W:
122 lks dist: mkd T 16 N R 6 E S 16 B.T.
Pits impracticable
Land, mountainous -
Soil rocky 4th rate -
Timber cedar and pinon -
Mountainous land of dense

Chains	
	cedar timber 80.00 chains.
	N 89°52' E on a random line bet secs 10 and 15.
40.00	Set temp 1/4 sec cor.
80.02	Fell 12 lks S of cor of secs 10, 11, 14 and 15. Thence I run S 89°47' W on a true line bet secs 10 and 15.
40.01	Set a Sandstone 30 x 12 x 4 ins 22 ins in the ground for 1/4 sec cor mkd 1/4 on N face. Whence
	a cedar 12 ins in diam brs N 10° W: 119 lks dist: mkd 1/4 S 10 B.T.
	a cedar 10 ins in diam brs S 8° W: 40 lks dist: mkd 1/4 S 15 B.T.
44.50	Cross wash course N.W.
46.10	Cross dry wash course N.W.
48.10	Cross draw course N.W.
49.80	Cross wash 40 lks wide course N.W.
80.02	Cor of secs 9, 10, 15 and 16.

Land S.R. Mer. Township

Chains

Land, rolling

Soil rocky 4th rate.

Timber, cedar and oak brush.

Rolling land and dense cedar timber or dense oak brush 8 acres Chains.

N 00°02' W last secs 9 and 10 over very rough mountainous country through scatt. cedar timber.

0.10 . Descend very steep slope.

13.50 Foot of steep slope and over very rough broken country through dense oak brush and cedar timber.

24.10 Cross dry wash course W.

25.00 Top of ridge and descend hill S E.

37.50 Cross dry wash course S.W.

40.00 Set a sandstone 20 x 10 x 6 ins 15 ins in the ground for 1/4 sec corner 1/4 on W face and Descaise

#3 Subdivision of Tp 16 N Rg 6 E.

Chains	
	a mound of stone 2 ft base 1½ ft high W of cor. Pits impracticable.
50.00	cross ridge bears S.E. and N.W.
63.00	cross dry wash course S.E.
71.00	cross dry wash course S.E.
77.47	Intersect the fourth Standard parallel N 89° 30' W and 12.90
12.90	Chains distant from the cor of secs 34 and 35 of Tp 17 N Rg 6 E and I set a sandstone 20 x 12 x 4 ins 15 ins in the ground for $\frac{C\ C}{N}$ cor of secs 3 and 10 mkd with 3 notches on E and 3 notches on W edges and C.C. on S face and I erect a mound of stone 2 ft base 1½ ft high 9 of cor. Whence:
	a cedar 4 ins in diam bears S 45° E: 42 links dist: and a T 16 N R 6 E 9 10 B.T.
	Pits impracticable -
	Land, mountainous -
	Soil, rocky & thin -

Chains

Timber, cedar -
Mountainous land ~~76.60~~ 77.47 chains.
Sept, 29 '02

Sept 30th 1902 at 7 a.m. l. m. t.
I set off 34°45' on the lat arc and
1 2° 32' S on the decl. arc and
determine a true meridian
with the solar at the cor of
secs 32 and 33 on the S bdry of
the Tp. Thence I run N 0°02' W
on a true line bet secs 32 and
33 over rolling country through
very dense cedar and pinon
timber
39.70 Set a malpais stone 24 x 10 x 6 ins 18 ins in
the ground for 1/4 sec cor mkd 1/4 W.C.
on W face - Whence -
a cedar 6 ins in diam brs S 61° E : 34 lks
dist : mkd W.C. 1/4 S 33 B.T.

BOOK 198

45 Subdivision of Tp 16 N Rg 6 E:

chains	
	a cedar 10 ins in diam brs N10°W: 32 chs
40.00	dist: mkd W.C. 1/4 S32 B.T.
	~~point~~ for 1/4 sec. Cor impracticable to set
80.00	Set a malpais stone 18 x 12 x 6 ins 14 ins
	in the ground for cor of secs 28, 29, 32
	and 33 - mkd with 1 notch on S and 4
	notches on 2 edges - Whence -
	a cedar 6 ins in diam brs N58°E: 40
	lks dist: mkd T16N R6E S28 B.T.
	a cedar 8 ins in diam brs S06°E: 184
	lks dist: mkd T16N R6E S33 B.T.
	a cedar 6 ins in diam brs S33°W: 29
	lks dist: mkd T16N R6E S32 B.T.
	a cedar 10 ins in diam brs N16°W: 61 lks
	dist: mkd T16 N R6E S29 B.T.
	Land, rolling -
	Soil, rocky 4th rate -
	Timber, cedar and pinon -
	Rolling country covered with
	very dense cedar and pinon timber
	80.00 chains -

Chains.

East on a random line bet secs
28 and 33.

40.00 Set Temp 1/4 sec cor -

79.97 Fell 15 lks S of cor of secs 27, 25, 33 and 34 -
Thence N 89° 54' W on a
true line bet secs 28 and 33 -
over rolling country through
very dense cedar timber -

39.98½ Set a molpais stone 20 x 12 x 8 ins
15 ins in the ground for 1/4 sec
cor mkd 1/4 on N face. Thence
a cedar 6 ins in diam bears N 63° E
99 lks dist: mkd 1/4 S 2 B.T.
a cedar 4 ins in diam bears S 8° W: 27
lks dist: mkd 1/4 S 33 B.T.

79.97 On secs 28, 29, 32 and 33.
Land, rolling -
Soil rocky & thin note.
Timber, cedar and pinon -

BOOK 128

47. Subdivision of Tp 16 N Rg 6 E:

Chains

Very dense cedar timber 79.57 chs.

N 0°02' W bet secs 28 and 29 over rolling country through dense cedar timber

40.00 Set a malpais stone 20 x 8 x 6 ins 15 ins in the ground for 1/4 sec cor mkd 1/4 on W face - Whence - a cedar 10 ins in diam brs S 28° E 52 lks dist: mkd 1/4 S 28 B.T. a cedar 6 ins in diam brs N 67° W. 30 lks dist mkd 1/4 S 29 B.T.

46.50 cross Flagstaff road brs S.W.

48.41 Brink of Rattlesnake canon and descend rapidly -

74.10 Bed of R. canon 190 lks wide and ascend -

80.00 Set a malpais stone 20 x 12 x 6 ins 15 ins in the ground for cor of secs 20, 21, 28 and 29 mkd with

Gand S.R. Mer. Arizona 48

Chains.

2 notches on south and 4 notches on
2 edges - Witness -
a cedar 10 ins in diam bears S 80° E:
84 lks dist: mkd T 16 N R 6 E 25 28 B.T.
a cedar 6 ins in diam bears S 89° W: 36 lks
dist: mkd T 16 N R 6 E 29 28 B.T. No other
trees within limits and I raise
a mound of stone 2 ft base 1½ ft
high W.C. cor - Pits impracticable -
Land, mountainous.
Soil rocky 4th rate.
Timber, cedar -
Mountainous country or desert
cedar timber 80.00 Chains -

N 89° 04' E on a random line bet
secs 21 and 28 -

40.00 Set temp ¼ sec cor -

80.02 Fd 4 lks N of cor of secs 21, 22, 27
and 28. Thence I run S 89° 06' W

Chains	
	on a true line bet secs 21 and
	28 over very rough country in
	bed of Rattlesnake Canon -
3.00	cross dry wash course S and descend -
5.00	Foot of slope -
39.20	Bed of canon 300 lks wide course S.W.
40.01	Set a malpais stone 20 x 12 x 18 ins 15
	ins in the ground for 1/4 sec cor.
	mkd 1/4 on N face - Whence:
	a sycamore 8 ins in diam bears
	N 20° W: 98 lks dist: mkd 1/4 S 21 B.T.
	an oak 10 ins in diam bears S 45° W:
	75 lks dist: mkd 1/4 S 28 B.T.
40.80	Bed of canon course S.W.
75.00	Foot of slope and ascend -
77.00	Cross dry wash course S.
80.02	cor of secs 20, 21, 28 and 29.
	Land, mountainous -
	Soil, rocky 4th rate -
	Timber, sycamore and cedar.

Chains

Mountainous land covered with dense oak brush 80.02 chs.

Sept 30th 1902

Oct 1st 1902 at 7 a.m. l.m.t I set off 34°47' on lat arc and 2°54'30" S. on decl. arc and determine a true meridian with the solar at the cor of secs 20, 21, 28 and 29. Thence I run N 00°02' W on a true line bet secs 20 and 21 up steep south slope of Mesa and over very rough broken country through dense oak-brush and scattering cedar timber -

32.00 Top of slope and over rolling mesa-

34.50 Brink of mesa and descend rapidly

40.00 Set a malpais stone 28 x 10 x 6 ins

55 Chains

Subdivision of Tp 16 N R 6 E.

21 ins in the ground for 1/4 sec cor mkd 1/4 on W face — Whence a cedar 4 ins in diam brs N 78° E: 95 lks dist: mkd 1/4 S 21 B.T. a cedar 6 ins in diam brs S 33° W: 334 lks dist: mkd 1/4 S 20 B.T.

80.10 Cross cañon course S.W. and ascend

73.60 Edge of mesa and over rolling surface —

80.00 Set a molpais stone 30 x 18 x 12 ins 22 ins in the ground for cor of secs 16, 17, 20 and 21, mkd with 3 notches on S and 4 notches on E edges — Whence a cedar 8 ins in diam brs N 41° E: 114 lks dist: mkd T 16 N R 6 E S 16 a cedar 6 ins in diam brs S 30° E: 173 lks dist: mkd T 16 N R 6 E S 21 B.T. a cedar 10 ins in diam brs S 83° W: 176 lks dist: mkd T 16 N R 6 E S 20 B.T.

Chains

There being no other trees in limits I raised a mound of stone 2ft base 1½ ft high W of cor pits impracticable.

Land, mountainous -

Soil, rocky 4th rate -

Timber cedar and pinon -

Mountainous country 80.00 chs.

N 89°86' E on a random line bet secs 16 and 21.

40.00 Set temp ¼ sec cor -

80.20 Fell 7 lks S of cor of secs 15, 16, 21 and 22 - Thence I run S 89°53 W on a true line bet secs 16 and 21 over rolling country through dense cedar timber -

11.00 West brink of canon -

31.00 E brink of dry canon -

40.10 Set a malpais stone 20 x 18 x 16 ins

53 Subdivision of Tp 16 N Rg 6 E.

Chains	
	15 ins in the ground for 1/4 sec cor. mkd 1/4 on N face. Whence: a cedar 6 ins in diam bears N 87° W. 86 lks dist: mkd 1/4 S 16 B.T. a cedar 8 ins in diam bears S 46° E: 37 lks dist: mkd 1/4 S 21 B.T.
71.10	North brink of canon -
80.20	on & secs 16, 17, 20 and 21. Land, mountainous - Soil, rocky & the note. Timber, cedar and pinon Mountainous & heavily timbered land 80.20 chains.

	N 00° 02' W but secs 16 and 17 over rough broken country through scattering cedar and pinon timber -
6.39	Edge of Mesa and descend
39.20	cross wash course S.W.

Chains	
40.00	Set sandstone 30x12x4 ins 22 ins in the ground for 1/4 sec cor mkd 1/4 on W face - Whence a pinon 6 ins in diam brs S 66°E: 230 lks dist: mkd 1/4 S16 B.T. There being no other trees within limits I erect a mound of stone 2 ft base: 1 1/2 ft high W of cor - Pits impracticable -
42.30	Cross canon course N.W.
65.60	cross draw course N.W.
76.50	Top of ridge brs N W and S E.
80.00	Set a limestone 22 x 10 x 6 ins 16 ins in the ground for cor of secs 8, 9, 16 and 17 mkd with 4 notches on S and 4 notches on E edges - Whence a cedar 10 ins in diam brs N 31°E: 86 lks dist: mkd T16 N R6 E S 9 B.T. a pinon 12 ins in diam brs S 69°E: 76 lks dist: mkd T16 N R6 E S 16 B.T.

Chains	
	a cedar 4 ins in diam bro S 41° W: 53
	lhs dist: mkd T16 N R6 E S17 B.T.
	a cedar 6 ins in diam brs N 32° W: 65
	lhs dist: mkd T16 N R6 E S8 B.T.
	Land, mountainous -
	Soil, rocky 4th rate -
	Timber scattering cedars and oakbrush
	Mountainous land 80.00 chains
	N 89°53' E on a random line bet
	secs 9 and 16 -
40.00	Set temp 1/4 sec cor -
80.26	Fell 46 lks N of cor of secs 9, 10, 15 and
	16 - Thence I run N 89°47' W on a
	true line bet secs 9 and 16 over
	mountainous country through
	scattering cedars and oakbrush -
2.20	Edge of mesa and descend -
20.10	Foot of slope -
40.13	Set sandstone 24 [illegible]

Chains.	
	18 ins in the ground for 1/4 sec cor
	mkd 1/4 on N face - Whence
	a pinon 8 ins in diam brs N 45° E.
	21.9 lks dist: mkd 1/4 S 9 B.T. There
	being no other trees in limits
	I erect a mound of stone, 2 ft
	base, 1½ ft high N of cor.
45.60	Top of ridge and descend.
63.09	Cross dry wash course S.W.
78.16	Brink of small canon
79.60	Cross dry wash course S.W.
80.26	Cor. of secs 8, 9, 16 and 17.
	Land, mountainous.
	Soil, rocky 4th rate.
	Timber, scattering cedar.
	mountainous country 80.26 chains.
	N 00° 02' W bet secs 8 and 9 over
	mountainous country through
	scattering cedar and pinon

07 Subdivision of Tp 16 N Rg 6 E-

Chains	
	timber-
8.00	Top of ridge and descend
8.00	cross dry wash course S.E.
18.50	cross wash and along same
	for 4.75 lks without crossing-
19.00	Foot of ridge and ascend
32.00	Top of ridge and descend-
40.00	set a sandstone 24 X 12 X 6 ins 18 ins
	in the ground for 1/4 sec cor mkd
	1/4 on W face: Where:
	a pine 6 ins in diam bears N 32° W
	38 lks dist: mkd 1/4 S B.T.
	a cedar 36 ins in diam bears S 79° E 68
	lks dist: mkd 1/4 S B.T.
81.00	cross draw and ascend-
97.90	Intersect the Fourth Standard
	parallel N 89° 30' W 1333 Chains
	distant from the cor of secs
	33 and 34 of Tp 17 N Rg 6 E:
	(see book No 2)