4.

No. 1413

Exteriors

4–671

FIELD NOTES

GENERAL LAND OFFICE.

East boundy Tp: 19 N. R 3. E.

East " " Tp: 19 N. R. 2. E.

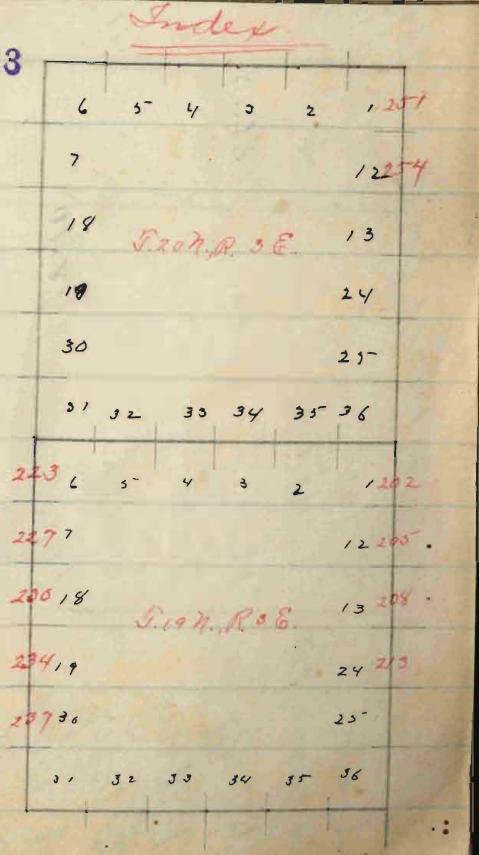
East " " Tp: 20 N. R. 3. E.

See Field W Bdy T 19 N R 3 E.
by Deas. (this pkg)

South Exterior Bdy of T. 193.
20 North Range 2 E = lents.

Land rolling,
Soil rocky 4th rate.
Timber scattering pine
and Juniper
September 19th 1894.

BOOK 1413



Latitudes, departures, and closing errors

Line designated	True bearing	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
W. bdy.	North	480.18	480.18			
N. bdy.	East	477.98			477.98	
E. bdy	South	480.26		480.26		
S. Bdy	West	478.70				478.70
Convergency					.52	
	Totals		480.18	480.26	478.50	478.70
				480.18		478.50
	Error in lat.			.08		.20

1914.

BOOK 1413

General Description
The Township on both sides of this line are rough and broken. The soil is rocky, and only produces grass for stock purposes.
There is a great deal of merchantable pine in this Tp.

Charles E Perkins
Compassman and
U.S. Deputy Surveyor

No. 1413 197.

Field Notes
of the survey of the
East Exterior Boundary Line
of
Tp. No 19 N.R. No 3 East
of the
G. & S. R. Base and Meridian
in the
Territory of Arizona
as surveyed by
Francis W. Oury
U.S Deputy Surveyor
Charles E. Perkins
Compassman & U.S. Dep. Surveyor
Under his contract No. 31
Dated June 21, 1893.

Survey commenced Sept. 19, 1894
Survey completed Sept 29, 1894

200
pop 198 & 199 blank

BOOK 1413

East Boundary of

1

Survey commenced Sept 19th 1894 with a W. & L. E. Gurley solar transit

At the cor. to Tps 19 and 20 N. Rs 3 and 4 E.

I verify the adjustments of my instrument and find them correct

I observed Polaris at its eastern elongation at 7h 29m p. m. l. m. t and find the magnetic bearing of the star to be 12° 18' W.

Tp. 19 N. R. 3 East

N. end of needle 13°18' east
The azimuth
of the star is 1°32' east
The sum is the Var. 13°50'

Sept 20. At 7. a.m. I set off 35°02' N on the lat arc. 0°58' N. on the decl arc and determine a true meridian with the solar; the resulting Va. is 13.52 E. corrected by the table in the manual gives the mean Variation 13°50'

The positions for true meridians as defined by the solar and Polaris observations are practically

East Boundary of Tp.

Chains. the same; therefor I conclude that the adjustments of my instrument are satisfactory

From the cor. to Tps. 19 and 20 N. Rs 3 and 4 E. In accordance with my special instructions

I run

S. bet. Secs. 1 and 6

Var. 13° 50' E.

Over heavily timbered land

26.00 Leave heavily timbered land enter open park

32.06 An oak 6 ins. diam. on line I mark

19 N. R. 3 E. = Contd.

Chains. with 2 notches on N. and S. sides.

34.00 Leave open park, enter heavily timbered land

40.00 Set a malpais stone 14 x 12 x 10 ins. 9 ins. in the ground for 1/4 Sec. Cor marked 1/4 on W. face and raised a mound of stone 2 ft. high 3 ft base, alongside, from which

A pine 48 ins. diam brs. N. 59° 03' E. 41 lks. dist. marked 1/4 S. B.T.

A pine 18 ins. diam. brs. S. 15° 29' E. 46 lks. dist. marked 1/4 S. B.T.

80.00 Set a malpais stone

East Boundary of Tp.

Chains. 19x18x18 ins. 12 ins. in the ground for cor. to secs. 1, 6, 7 and 12 marked with 1 notch on N. and 5 notches on S. edges and raised a mound of stone 2 ft. high 3 ft. base alongside from which

A pine 8 ins. diam. brs. N. 7° 32' E. 140 lks. dist. marked T. 19 N. R. 4 E. S. 6 B. T.

A Juniper 8 ins. diam. brs. S. 59° 29' E. 100 lks. dist. marked T. 19 N. R. 4 E. S. 7 B. T.

19 N. R. 3 E = Contd.

chains. A juniper 16 ins. diam. brs. S. 15° 08' E. 25 lks. dist. marked T. 19 N. R. 4 E. S. 7 B. T.

A pine 24 ins. diam. brs. N. 80° 50' W. 135 lks. dist. marked T. 19 N. R. 3 E. S. 1 B. T.

Land rolling.
Soil stony 3rd rate.
Timber pine and juniper.
Heavily timbered land, 72 chains.

South bet secs. 7 and 12
Var. 13° 30' E.
Over rolling land through scattering

East Boundary of T. 5 S.

Chains.	timber.
27.62	A Juniper 14 ins diam. on line which I mark with 2 notches on N. and S. sides.
28.97	A Juniper 8 ins diam. on line I mark with 2 notches on N. and S. sides
40.00	A sandstone in place 1 x 1 x 1/2 ft. above ground I marked with a cross (X) at exact point for 1/4 sec. cor. with 11 on W. of cross, and raised a mound of stone 1 1/2 ft. high 3 ft. base alongside, from which

19 N. R. 3 E. = Cont.

Chains. A Juniper 14 ins. diam. brs. S. 89 ' 33 ' W. 58 lks. dist. marked 1/4 S. B.T.

A pine 8 ins. diam. brs. S. 29° 05 ' E. 91 lks. dist. marked 1/4 S. T.B.T.

57.00 Descend 25 ft. to
58.88 S. brink of impassable canon, 1000 ft. deep course E.

Set a Juniper post 4 ins. square 4 ft. long 12 ins. in the rocks for witness point, mkd W.P. on N. face and raised a mound of stone around post, ~~17 ft. high 27 ft. base~~ from which

East Boundary of Tp

chains. A Juniper 36 ins. diam. brs. N. 43° 54' W. 174 lks. dist. marker with a blaze and a notch facing post

To determine the distance across the canon I set a flag on the S. side; then measure a base line W. 10.00 chs. to a point from which the flag bears S. 6° 47° E.; Therefore tan 83° 13' X base or 8.4081 X 10 = 84.4081 chains; the distance across; which added to 58.88 chs. = 143.29 chs.

19 N. R. 3 E. - Contd.

Chains Note.- It is impossible to measure a base longer than 10.00 chs. on account of the rough character of the land.

From the flag on the S. side of the canon I measured North 23.29 chs. and.

Set a malpais stone 19 x 18 x 12 ins. 15 ins. in the ground for 1/4 Sec. Cor. bet Secs. 13 & 18 marked 1/4 on W. face, and raised a mound of stone 2 ft. high, 3 ft. base alongside, from which

A spruce 16 ins. diam.

East Boundary of Tp.

Chains. brs. N. 68° 51' E. 61 lks.
dist. marked 1/4
S. B.G.
A pine 14 ins. diam.
brs. N. 1° 12' W. 53 lks
dist. marked 1/4 S.
B.G.
Note:- This cor is on
brink of canon
Thence from this
1/4 S&S. cor bet secs.
13 and 18
I run
South bet. secs. 13 and 18
Var. 13° 15' E.
Over rolling land
through scattering
timber,
Ascend gradually

19 N.R. 3 E. Cont'd.

Chains
+ 0.00

150 ft to.
Set a malpais stone
16x16x14 ins. 11 ins.
in the ground for
cor to Secs. 13, 18, 19
and 24 marked with
3 notches on N. and E.
edges. and raised a
mound of stone 2 ft.
high 3 ft. base
alongside from which
An oak 5 ins. diam.
brs. N. 34° 5' E. 78 lks.
dist. marked T. 19
N. R. 4 E. S. 18 B.T.
An oak 6 ins. diam.
brs. S. 86° 37' E. 130 lks.
dist. marked T. 19
N. R. 4 E. S. 19 B.T.

East Boundary of T. 7.

Chains. An oak 6 ins. diam. brs. S. 42° 12' W. 55 lks. dist. marked T. 19 N. R. 3 E. S. 24 B.T.

An oak 5 ins. diam. brs. N. 31° 28' W. 99 lks. dist. marked T. 19 N. R. 3 E. S. 13 B.T.

Land rolling and mountainous.

Soil stony 3rd rate.

Timber pine oak and junipers.

Mountainous or heavily timbered land 80 chains—

19 N. R. 3 E. - Cont.

Chains. South bet secs. 19 and 24.
Var. 13°50' E.
Over rolling land.
2.00 Descend abruptly 300 ft. to
9.89 Intersect brink of impassable
canon course S. 60° E.
Note:- It is impossible
to continue this line
farther on account of
the impassable Sycamore
Canon, 1500 ft. deep course
S.W. and the many
side canons flowing
S.E. into it; therefore
I abandon the line
at this point.
The S. boundary of
this township is also un-
surveyable from the

East Boundary of Tp.

Chains. reasons as above named.

General Description

The northern portion of this township contains some good pine timber, and produces good grass

The whole township is rough and broken by deep canons, which render the southern portion absolutely unsurveyable

There is one settler in the northern part.

Latitudes, departures, and closing errors.

Lines designated	True bearing	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
W. bdy. 6, 7, 18 & 19	North	320.00	320.00			
N. boundary	S. 89° 57' E.	480.23		.43	480.23	
E. bdy. secs. 1, 12, 13	South	240.00		240.00		
S. bdy. sec. 13	N. 89° 54' W.	80.12	.14			80.12
E. bdy sec. 23	South	80.00		80.00		
S. bdy sec. 23	N. 89° 58' W.	80.00	.05			80.00
S. bdy sec. 22	S. 89° 58' W.	79.96		.05		79.96
S. bdy. sec. 21	N. 89° 56' W.	80.02	.09			80.02
S. bdy sec. 20	West	80.17				80.17
S. bdy sec. 19	N. 89° 55' W.	80.19	.12			80.19
Convergency					.35	
	Total.		320.40	320.48	480.58	480.46
				320.40	480.46	
	Error in lat.			.08	Error in dep. .12	

Charles E. Perkins
Compassman and
U.S. Deputy Surveyor

T. 9 N., R. 3 E., North.

BOOK 1413

215

East Boundary of Tp.

Survey commenced Sept. 19, 1894. with a W. & L. E. Gurley solar transit

In accordance with my special instructions I begin at the cor. to Tps. 19 and 20 N. Rs 2 and 3 E. and

I verify the adjustments of my instrument and find them correct.

I set off 1° 17' on the decl. arc. and at 11h 54m a. m. l. m. t. observed the sun on the meridian; the resulting lat. is 35° 07' N. the true latitude nearly.

19 N.R. 2 East.

Sept 19. At 2 p.m.
l.m.t. I set off 35° 02' N
on the lat. arc. 1° 15' N.
on the decl. arc. and
determine the true
meridian with the
solar; the resulting
mean variation of
the needle is 13° 55' E.
Thence I run
South bet. Secs. 1 and 6
Var. 13° 55' E.
Over rolling heavily
timbered land.
Descend gradually
150 ft.

17.08 A pine 27 ins. diam.
on line I mark with
2 notches on N. and

East Boundary of Tp

Chains	S. sides
21.00	Foot descent in bed ravine course E. Ascend 150 ft.
35.00	Top ascent; thence over rolling land.
36.11	A pine on line I mark with 2 notches on N. and S. sides.
40.00	Set a sandstone 20 x 8 x 12 ins. 15 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. high 3 ft. base alongside, from which A Juniper 10 ins. diam brs N. 45° W.

19 N. R. 2 E. Contra.

Chains. 24 lks. dist. marked 1/4 S. T. B. T.

A Juniper 13 ins. diam. bro. N. 74° 32' W. 31 lks. dist. marked 1/4 S. T. B. T.

49.00 Descend 50 ft. to

58.00 Foot descent, thence over rolling land to

80.00 Set a malpais stone 18+12+10 ins. 12 ins. in the ground for cor to secs. 1, 6, 7 and 12 marked with 1 notch on N. and 5 notches on S. sides and raised a mound of stone 2 ft. high, 3 ft. base alongside, from which

A pine 30° N. 5 E°

East Boundary of Tp.

Chains. 31' E. 256 lks. dist. mkd.
T. 19 N. R. 3 E. S. 6 B.T.
A pine 12 ins. diam.
brs. S. 21° 39' W. 136 lks.
dist. marked T. 19 N R.
2 E. S. 12 B.T.
A pine 30 ins. diam.
brs. S. 51° W. 159 lks. dist.
marked T. 19 N. R. 2 E. S.
12 B.T.
A pine 19 ins. diam.
brs. S. 58° 12' W. 179 lks.
dist. marked T. 19 N. R.
2 E. S. 12 B.T.
Land rolling
Soil stony 3rd rate.
Timber pine and oak
Heavily timbered land 80 chs.

19 N. R. 2 E. = Cenita.

Chains.	
	South bet secs. 7 and 12
	Var. 13°55' E.
	Over rolling heavily timbered land.
22.90	Tule Tank Wash 8 ft deep course E.
	Ascend 200 ft
25.45	A pine 14 ins. diam. on line I mark with 2 notches on N. and S. sides.
36.93	A pine 6 ins. diam. on line I mark with 2 notches on N. and S. sides
40.00	Set a sandstone 12x12x4½ ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and

East Boundary of Tp.

Chains. raised a mound of stone 2 ft. high 3 ft. base alongside, from which

A pine 20 ins. diam. brs. N. 55° 15' E. 70 lks. dist. marked 1/C D. T3. T.

A pine 19 ins. diam. brs. S. 80° W. 95 lks. dist. marked 1/4 C. T3. T.

67.00 Top ascent; descend 8 ft to

77.60 Foot descent in bed ravine, course E.

Ascend 10 ft. to

78.00 Thence over rolling land.

80.00 Set a sandstone 16×12×10 ins. 11 ins. in the ground for cor to secs. 7, 12, 13 and 18

19 N. R. 2 E. - Contd.

chains. marked with 2 notches on N. and 4 notches on S. edges and raised a mound of stone 2 ft. high 3 ft. base alongside from which

An oak 10 ins. diam. brs. N. 78° 06' E. 10 lks. dist. marked T. 19 N. R. 3 E. S. 7 B.T.

An oak 10 ins. diam. brs. S. 32° 30' E. 103 lks. dist. marked T. 19 N. R. 3 E. S. 18 B.T.

A Juniper 24 ins. diam. brs S. 61° W. 108 lks. dist. marked T. 19 N. R. 2 E. S. 13 B.T.

An oak 14 ins. diam.

230.

East Boundary of Tp.

Chains. brs. N. 37° 00' W. 180
lks. dist. marked T. 19
N. R. 2 E. S. 1 & 12 B. T.
Land rolling.
Soil stony 3rd rate.
Timber, pine oak
and juniper.
Heavily timbered
land 80.00 chs.

South bet. secs. 13 and 18
Var. 13° 55' E.
Over rolling heavily
timbered land.
.05 An oak 8 ins. diam.
on line I mark
with 2 notches on N.
and E. sides.
12.00 A pine 24 ins. diam.

19 N.R. 2 E. Contd.

Chains	
	on line I mark with 2 notches on N. and S. sides.
31.40	A pine 12 ins. diam. on line I mark with 2 notches on N. and S. sides.
40.00	Set a sandstone 18x16x 13 ins. 12 ins in the ground for 1/4 Sec. Cor marked 1/4 on W. face and raised a mound of stone 2 ft. high 3 ft. base, alongside, from which
	A juniper 40 ins. in diam. brs. N. 16° 21' E. 27 lks. dist marked 1/4 S. B.T.

232.

East Boundary of Tp.

chains	
	Descend 200 ft. to
49.10	Foot descent in bed
	canon course W.
	Ascend 200 ft. to
54.30	Top ascent on ridge
	bears E. and W.
	Descend 150 ft. to
67.00	Foot descent in bed
	ravine course W.
	Ascend 300 ft. to
80.00	Set a malpais stone
	12×12×10 ins. 8 ins. in
	the ground for cor to secs.
	13, 18, 19 and 24 marked
	with 3 notches on N. and
	S. sides and raised a
	mound of stone 2 ft.
	high 3 ft. base, along-
	side from which

19 N. R. 2 E. Cont'd.

Chains.

A pine 12 ins. diam. brs. N. 54° 06' E. 63 lks. dist. marked T. 19 N. R. 3 E. S. 18 B.T.

A pine 16 ins. diam. brs N. 77° 38' E. 45 lks. dist. marked T. 19 N. R. 3 E. S. 18 13.T.

A pine 10 ins. diam. brs S. 41° 02' W. 38 lks dist. marked T. 19 N. R. 2 E. S. 24 B.T.

A pine 12 ins. diam. brs. N. 61° 02' W. 102 lks dist. marked T. 19 N. R. 2 E. S. 13 13.T.

Land rolling and broken

Soil stony 3rd rate.

East Boundary of Tp.

Chains. Timber pine and oak.
Heavily timbered
land 80 chains.

South bet. Secs. 19 and 24
Var. 13° 55' E.
Over mountainous
heavily timbered land.
Ascend 200 ft.
11.00 Top ascent on W. slope
of mountain about
400 ft. below and 10
chains from apex
Leave timber enter
dense undergrowth
36.00 Foot descent in head of
canon course S. W.
Ascend 100 ft. to
40.00 Set a malpais stone

19 N. R. 7 E. - Cont'd.

Chains

12+10+8 lks. 8 lks. in the ground for 1/4 Sec. Cor. Marked 1/4 on W. face and raised a mound of stone 2 ft. high 3 ft. base alongside, from which
A juniper 10 lks. diam. bears S. 39° 25' W. 117 lks. dist marked 1/4 S. B. T.
No other trees within limits.
Thence over broken land.
Leave dense undergrowth enter scattering undergrowth.

66.00 Descend 200 ft.

72.00 Enter heavily timbered

East Boundary of Tp.

Chains	Land.
	Ravine course S. 10° E.
80.00	Set a limestone 16+14+ 10 ins. 11 ins. in the ground for cor to Secs. 19, 24, 25 and 30 mkd with 4 notches on N. and 2 notches on S. edges and raised a mound of stone 2 ft. high 3 ft. base alongside, from which
	An oak 6 ins. diam. brs. N. 52° 14' E. 29 lks. dist. marked T. 19 N. R. 3 E. S. 19 B.T.
	An oak 8 ins. diam. brs. S. 24° 30' E. 49 lks.

19 N.R. 2 E= Cont'd.

Chains. dist. marked T. 19 N.R. 3 E. S. 3. B.T.
An oak 14 ins. diam. brs. S. 25° 11' W. 37 lks.
dist. marked T. 19 N.R. 2 E. S. 27 B.T.
A pine 28 ins. diam. brs. N. 33° 41' W. 56 lks.
dist. marked T. 19 N. R. 2 E. S. 24 B.T.
Land mountainous
Soil stony 4th rate.
Timber pine and oak.
Mountainous or heavily timbered land 48 chs.

South bet. decs. 25 & 30
Var. 13° 55' E.
Over mountainous

East Boundary of Tp.

Chains. heavily timbered land.

Ascend 350 ft.

7.84 A pine 26 ins. diam. on line I mark with 2 notches on N. and S. sides

9.00 Leave heavily timbered land, enter scattering timber.

12.00 Top ascent.

Descend 250 ft.

24.00 Foot descent

Ascend 200 ft.

28.00 Top ascent, thence over rolling land

40.00 Set a limestone 19 x 18 x 12 ins. 15 ins. in the ground for 1/4 Sec.

1/9 N. R. 2 E. = Cont'd.

Chains. Cor. marked 1/4 on W. face and raised a mound of stone 1 1/2 ft. high 3 ft. base alongside. Pits impracticable

Note.- At 2 chains S. of this point this line intersects an impassable canon 300 ft. deep course E. therefor I discontinue the line at the 1/4 sec. Cor.

Land mountainous and rolling

Soil stony 3rd rate.

Timber pine oak and juniper.

Mountainous or heavily timbered.

240.-

East Boundary of Sp.

Chains land 28 chs.

Note:- It is impossible to extend lines from the W. bdy. towards the E. on account of the deep canons running N. and S. and near to it.

---

19 N. R. 2 E= Contd.

East Boundary of Tp.

General Description

This township is rough and broken except in a small portion of its north eastern part: which portion contains a growth of excellent pine timber.

There is some grass in all parts.

The largest portion of the township appears to be unsurvayable on account of the deep rocky canons.

The West boundary

19 N. R. 2 E. - Contd.

runs along a ridge on each side of which are impassable canons.

There is no water and no settler in the township.

Charles E Perkins

Compassman and

U.S. Deputy Surveyor

Latitudes, departures and closing errors.

Lines designated	True bearing	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
N bdy secs. 1, 2 & 3	East	240.00			240.00	
E. bdy. secs. 1 and 12	South	160.00		160.00		
S. bdy. sec. 12	N. 89°58' W.	79.96	.05			79.96
S. bdy. sec. 11	N. 89°59' W.	80.10	.02			80.10
E. bdy. sec. 15	South	80.00		80.00		
S. bdy. sec. 15	N. 89°51' W.	80.26	.21			80.26
W. bdy. sec. 15	North	80.00	80.00			
W. bdy. sec. 10	North	80.00	80.00			
W. bdy. sec. 3	North	80.00	80.00			
Convergency					.27	
		Totals.	240.28	240.00	240.27	240.32
			240.00			240.27
		Errors in lat.	.28	Error in dep.		.05

2 Sv.

Field Notes of the Survey of the East & South Boundaries of Tp. No. 20 N. R. No. 3 East of the Gila & Salt River Base & Meridian in the Territory of Arizona as surveyed by Francis W. Oury U.S. Deputy Surveyor Charles E. Perkins Compassman & U.S. Dep. Surveyor Under his contract No. 31 Dated June 1, 1893.

Survey commenced Sept 20, 1894
Survey completed Sept. 21, 1894

East Boundary of Tp.

Survey commenced Sept. 20 1894, with a W. & L. E. Gurley solar transit At the closing cor. to Tps. 20 N. Rs 3 & 4 E. I verify the adjustments of the transit and find them correct

I set off 0°53' N. on the decl. arc, and at 11 h 53 m a. m. l. m. t. observe the sun on the meridian; the resulting lat is 35° 07' N the true lat nearly

Sept 21, At 7 a. m. l. m. t. I set off 35° 07' on the lat. arc. 0' 35" W on the decl. arc and determine

20 N. R. 3 East.

chains a true meridian with the solar. The resulting mean variation of the needle is 13°53' E.

Finding the closing cor. to Tps. 20 N. Rs 3 & 4 E. to be a post greatly decayed, and the bearing trees to be partially destroyed by fire I obliterate all trace of old cor. also the bearing trees, and re-establish cor. at same point as follows Set a malpais stone 18x14x12 ins. 12 ins. in the ground for closing cor. to Tps. 20

2 ∨ 0.

BOOK 1413

East Boundary of Tp.

Chains. N. R's 3 & 4 E. marked C.C. on S. with 6 notches on S. E. & W. faces and raised a mound of stone 1½ ft. high 2 ft. base alongside, from which

A pine 12 ins. diam. brs. S. 51° 56' E. 103 lks. dist. marked T. 20 N. R. 4 E. S. 6 B.T.

A pine 14 ins. diam. brs. S. 67° 54' W. 101 lks. dist. marked T. 20 N. R. 3 E. S. 1 B.T.

A pine 14 ins. diam. brs. N. 78° 38' W. 90 lks. dist. marked C.C. T. 20 N. R's 3 & 4 E. B.T.

20 N. R. 3 E. Contd.

chains. Thence in accordance
with my special
instructions page 5 from the
closing Cor. to Tp 20
N. Rs 3 & 4 E.
Irun
South on a true line
bet. Secs. 1 & 6
Var. 13° 53' E.
Over rolling land
through timber.
40.29 I find a post firmly
set and properly
marked and witnessed
as described in the
field notes furnished
by the Surveyor General
69.00 N. edge of W. branch
of Sycamore Canon.

East Boundary of Tp.

Chains.	
	Descend abruptly 400 ft.
78.50	Bottom of canon course S. 35° E. Ascend 250 ft. to
80.29	Set a Malpais stone 14 x 10 x 10 ins. 9 ins. in the ground for cor. to Secs. 1, 6, 7, & 12 — Marked with 1 notch on N. and 5 notches on S. edges and raised a mound of stone 1½ ft. high 2 ft. base, alongside from which A pine 20 ins. diam. brs. N. 1° 10 E. 77 lks. dist. Marked

20 N. R. 3 E. Contd.

Chains T. 20 N. R. 4 E. S. 6 B.T.
A pine 16 ins. diam.
brs. S. 72° 49' E. 107 lks.
dist. marked T. 20
N. R. 4 E. S. 7 B.T.
A pine 12 ins. diam
brs. N. 7° 11' E. 69 lks
dist marked T. 20 N.
R. 4 E. S. 6 B.T.
A pine 22 ins.
diam. brs. S. 68° 42'
E. 97 lks. dist. marked
T. 20 N. R. 4 E. S. 7 B.T.
Land rolling and
mountainous.
Soil rocky 4th rate.
Timber pine
Mountainous or
heavily timbered land

East Boundary of Tp.

Chains	
	80.29 chs.
	South on a true line bet secs 7 and 12
	Var. 13° 53' E.
	Over mountainous land
	Ascend 200 ft.
3.60	Top of ascent, thence over rolling land, through heavy pine timber
40.00	Set a malpais stone 14 x 10 x 8 ins. qmis. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 1 1/2 ft. high, 2 ft. base

0 N.R. 3 E.=cont'd

hains	alongside, from which A pine 8 ins. diam. brs. N. 51° 1x' W. 29 lks. dist. marked 1/x D.B.T. A pine 10 ins. diam. brs. N. 71° 28' E. 43 lks. dist. marked 1/x D.B.T.
42.85	Road to Williams Course N. 60° W. x S. 60° E.
50.50	Small wash course S.E.
58.86	A pine 14 ins. diam. on line which I mark with 2 notches on N. x S. sides.
61.00	Ascend gradually 25 ft.
75.68	A pine 12 ins. diam. on line which I mark with 2 notches on

2v6. East Boundary of Tp. 20 N. R. 3 E= Continued

Chains	N. & S. sides
76.00	Top of Ascent.
80.00	Set a Malpais stone 16×12×8 ins. 10 ins in the ground for cor to secs. 7, 12, 13 & 18 Marked with 2 Notches on N. and 4 notches on S. edges and raised a mound of stone 1½ ft. high, 2 ft. base alongside, from which A pine 26 ins. diam. brs. N. 49° E. 137 lks dist Marked T. 20 N. R. 4 E. S. 7 B.T. A pine 24 ins. diam. brs. S. 65' 45' E. 68 lks. dist. Marked T.