Book "B" 3813

4—679

OR (1)

BOOK 3813

FIELD NOTES

OF THE SURVEY OF THE

Tenth Standard Parallel North

thru

Range 2 East

Range 3 East

Range 4 East

and

Range 5 East

being the South Boundaries of

T. 41 N., R. 2 E., T. 41 N., R. 3 E., T. 41 N., R. 4 E. & T. 41 N., R. 5 E.

Of the Gila and Salt River Base and *Meridian,*

In the State of ARIZONA

EXECUTED BY

Benjamin J. Kinsey

U.S. Surveyor

In the capacity of U. S. Surveyor..., under Special Instructions dated April 23 *, 1926,*

issued by the ~~United States Surveyor General~~ U.S. District Cadastral Engineer *to govern surveys included in Group*

No. 139 Arizona *, which were approved by the Commissioner of the General Land*

Office, May 20 *, 1926, and Assignment Instructions dated* June 10 *, 1926*

Survey commenced October 13 *, 1926*

Survey completed November 3 *, 1926*

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INDEX DIAGRAM.

Township ....., *Range* .....

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Book "B" BOOK 3813

Group 139 ~ ARIZONA

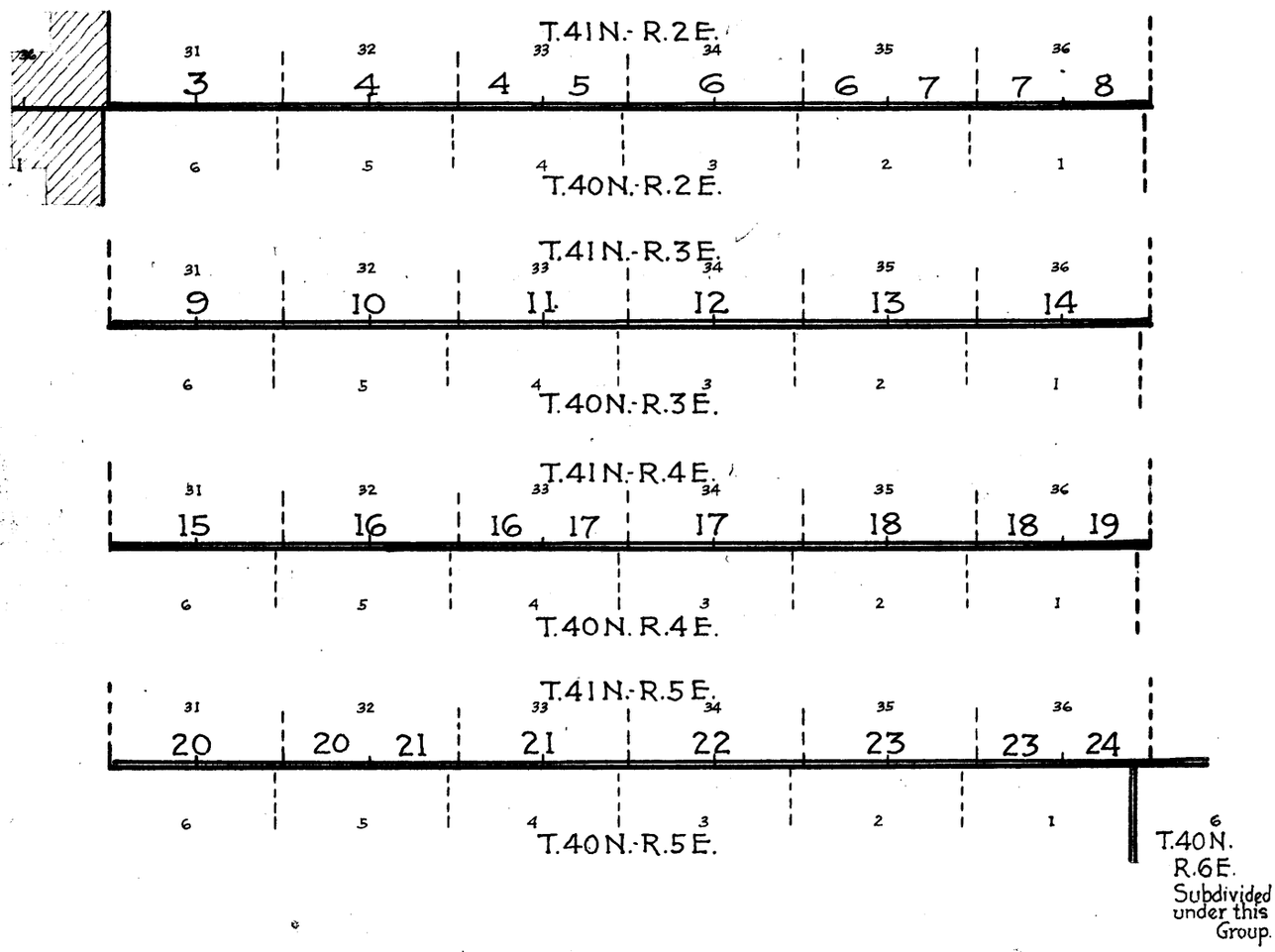
IA

INDEX and DATE DIAGRAMS

10th Standard Parallel North
INDEX DIAGRAM

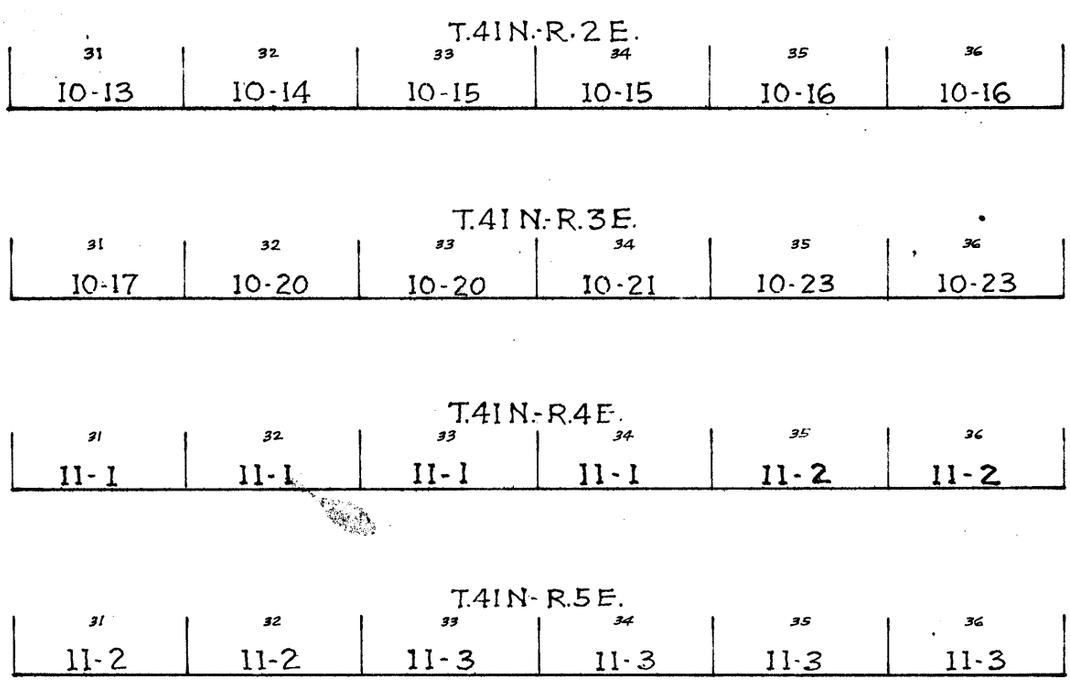
Areas surveyed as per accepted plats on file. ——— Accepted surveys.

Lines surveyed under this group. - - - - - - - - Unsurveyed.



10th Standard Parallel North
DATE DIAGRAM
1926

——— Surveyed by Benjamin J. Kinsey, U.S. Surveyor on dates shown thereon.



The surveys herein described were executed by Benjamin J. Kinsey, U.S.Surveyor, on dates shown on diagram on page 1 hereof, using Buff Light Mountain Transit No. 9940. The instrument is equipped with U-shaped standards, 4½ inch horizontal circle, 4 inch vertical circle and improved Smith solar attachment. All azimuth determinations are accomplished by deflection from observations upon Polaris at elongation.

October 12, 1926, at station at the Standard corner of Ts. 41 N., Rs. 1 and 2 E., Gila and Salt River Base and Meridian, Arizona, latitude 36° 54' 8" N., longitude 112° 14' 53" W., at 6h. 15m., p.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg driven in the ground, about 5 chs. N.

Azimuth of Polaris at eastern elongation, 1° 21' 48".

October 13, 1926, at same station as above described, lay off the azimuth of Polaris, 1° 22' to the west, and mark the true meridian thus determined by a pin driven in the ground about 5 chs. North.

Careful tests of the adjustments of the transit show no errors.

From the true meridian described above, deflect 90° to the east, and project the 10th Standard Parallel North on the tangent.

Unless otherwise specified all measurements are made on the slope, the vertical angle determined with a clinometer, and the slope measurements properly reduced to true horizontal distances. All measurements are made with a Lallie and Lufkin 5-chain tape, compared with a Lufkin standard and found correct.

Double back and fore sights were taken at each setting of the instrument to insure accuracy of alinement.

The mean of two sets of measurement by different chainmen was taken to insure accuracy of measurement.

Survey of the 10th. St. Par. N., thru Range 2 East.

Chains	
	From the Standard corner of Tp. 41 N., Rs. 1 and 2 E., established under Group 56, 1915, which is a 3 in. iron post, projecting 14 ins. above ground, with brass cap properly marked and witnessed by one bearing tree NE of corner, properly marked, and a mound of stone 3 ft. base and 1½ ft. high N. of cor. Thence,
	East, on the tangent, S. of sec. 31.
	Over rolling & mountainous land, thru thinly scattered timber and heavy undergrowth.
	Desc. gradual NE. slope.
7.50	Rocky wash, 50 lks. wide, 2 ft. deep, course NW.
	Asc. gradual SW. slope.
15.00	Spur, slopes NW.
	Over level top of same.
22.00	Leave spur top, desc. gradual NE. slope.
26.50	Wash, 20 lks. wide, 1 ft. deep, course NW.
	Asc. gradual SW slope.
28.00	Low spur, slopes NW.
	Desc. gradual NE. slope.
37.50	Wash, 50 lks. wide, 2 ft. deep, course NW.
	This wash is known as Rock Canyon Wash.
	Asc. gradual SW. slope to
40.00	Mean of measurements determined by two sets of chainmen.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 31, with brass cap marked

SC
¼ S31

1926

	No suitable bearing trees available; raise a mound of stone 3 ft. base and 1½ ft. high N. of cor.
	Asc. gradual SW slope.
41.00	Leave gradual and ascend 80 ft. over broken SW slope.
46.00	Broken spur, slopes S.
	Desc. 80 ft. over broken SE slope.
55.70	Center of wash in Rock Canyon, 2.00 chs. wide, course SW.
	Asc. 500 ft. over rough NW slope to spur top.
64.00	Foot of cliff 40 ft. high, bears N. and S.
64.50	Top of same.
66.50	Foot of cliff 50 ft. high, bears N. and S.
67.50	Top of same.
72.00	Spur, slopes NW.
72.50	Leave spur, desc. 154 ft. over rough NE. slope to
80.00	Mean of measurements determined by two sets of chainmen,
	Measure 1 lk. N. to attain point on parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, deposit mkd. (X) stone, at base of post, supported by a mound of stone, for the Std. cor. secs. 31 and 32, with brass cap marked

SC
T41N | R2E
S31 | S32

1926

	No suitable bearing trees available.
	Land, rolling, level and mountainous.
	Soil, rocky 4th. rate.
	Timber, pinion and cedar.
	Undergrowth, sage, sarvas, buck and oakbrush, cacti.

Survey of the 10th. St. Par. N., thru Range 2 East.

4

Chains	
	S. 89° 59' E. on the tangent, S. of sec. 32.
	Over mountainous land, thru scattering timber and thick undergrowth.
	Desc. 129 ft. over NE slope.
7.70	Wash, 40 lks. wide, course NW.
	Asc. 366 ft. over SW slope.
21.00	Spur, slopes NW. Enter heavy timber, bears N. and S.
22.00	Desc. 74 ft. over NE slope.
27.50	Swale, drains N.
	Asc. 86 ft. over NW slope.
37.00	Spur, slopes NW.
	Desc. 35 ft. over NE slope to
40.00	Mean of measurements determined by two sets of chainmen.
	Measure N. 2 lks. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, supported by a mound of stone, for standard ¼ sec. cor. of sec. 32, with brass cap marked
	SC ¼S 32 1926
	From which, and o
	a pinion, 10 ins. in diam., bears N.18°W., 90 lks. dist., marked SC¼S32BT
	a cedar, 8 ins. in diam., bears N.32°E., 5 lks. dist., marked SC¼S32BT
	Desc. 91 ft. over NE slope.
43.10	Wash, 30 lks. wide, 2 ft. deep, course NW.
	Asc. 168 ft. over broken SW slope.
67.00	Spur, from N.60°E. to NW.
	Over level top.
75.00	Leave top, desc. gradual SE slope to
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 3 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 32 and 33, with brass cap marked
	SC T41N | R2E S32 | S33 1926
	From which,
	a cedar, 12 ins. in diam., bears N.70°W., 8 lks. dist., marked SCT41NR2ES32BT
	a pinion, 10 ins. in diam., bears N.51½°E., 19 lks. dist., marked SCT41NR2ES33BT
	Land, rough, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar and pinion.
	Undergrowth, sage, buck, sarvas and oak brush. Cacti.

	S. 89° 58' E. on the tangent, S. of sec. 33.
	Over mountainous land, thru heavy timber and undergrowth.
	Desc. 10 ft. over SE slope.
1.50	Head of wash, course SW.
	Asc. 16 ft. over SW slope.
5.90	Spur, slopes NW.
	Desc. gradual NE slope.
29.50	Head of wash, course N.

Chains	
	Asc. 48 ft. over NW slope.
33.00	Spur, slopes N.
	Desc. 51 ft. over NE slope.
37.70	Wash, 20 lks. wide, 1 ft. deep, course NW.
	Asc. 40 ft. over NW slope to
40.00	Mean of measurements determined by two sets of chainmen.
	Measure N. 5 lks. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 33, with brass cap marked
	SC ¼ S 33 1926
	From which,
	a cedar, 12 ins. in diam., bears N.77°E., 21 lks. dist., marked SC¼S33BT
	a pinion, 8 ins. in diam., bears N.59°W., 48 lks. dist., marked SC¼S33BT
	Desc. gradually over NE slope.
43.40	Shallow wash, 20 lks. wide, course N.
	Asc. 20 ft. over NW slope.
45.00	Spur, slopes NE.
	Desc. 73 ft. over NE slope.
50.90	Wash, 50 lks. wide, 2 ft. deep, course NE.
	Asc. 34 ft. over NW slope.
52.90	Spur, slopes NE.
	Desc. 48 ft. over SE slope.
54.90	Wash, 50 lks. wide, course NE.
	Asc. gradual NW slope.
56.30	End of spur, slopes N.
	Desc. 30 ft. over NE slope.
57.95	Rock Canyon wash, 1 ch. wide, course N.
	Asc. 41 ft. over SW slope.
61.30	Spur, slopes S.
	Desc. 37 ft. over SE slope.
67.20	Wash, 30 lks. wide, course SW.
	Asc. 53 ft. over SW slope.
73.00	Spur, slopes S.
	Desc. 18 ft. over SE slope to
80.00	Mean of measurements determined by two sets of chainmen.
	Measure N. 7 lks. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., on bedrock, supported by a mound of stone, for the Std. cor. secs. 33 and 34, with brass cap marked
	SC T41N | R2E S33 | S34 1926
	From which,
	a pinion, 10 ins. in diam., bears N.60°W., 108 lks. dist., marked SCT41NR2ES33BT
	a pinion, 10 ins. in diam., bears N.71°E., 150 lks. dist,, marked SCT41NR2ES34BT
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar and pinion.
	Undergrowth, sage, oak, sarvas and buck brush, cacti.

Chains	
	S. 89° 57' E., on the tangent, S. of sec. 34.
	Over mountainous land, thru heavy timber and undergrowth.
	Desc. gradual SE slope.
2.00	Swale drains S.
	Asc. 57 ft. over SW slope.
10.00	Spur, slopes S.
	Desc. gradual SE slope.
15.00	Ravine, drains S.
	Asc. 53 ft. over SW slope.
21.50	Spur, slopes S.
	Desc. 40 ft. over SE slope.
26.10	Wash, course S.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 9 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, supported by a mound of stone, for standard ¼ sec. cor. of sec. 34, with brass cap marked
	SC ¼S 34 1926
	From which,
	a cedar, 14 ins. in diam., bears N. 78° W., 89 lks. dist., marked SC¼S34BT
	a pinion, 8 ins. in diam., bears N. 65° E., 29 lks. dist., marked SC¼S34BT
	Asc. gradually over SW slope.
45.00	S. edge of ridge, bears NW and E.
	Over level land.
52.50	Leave edge of ridge, desc. 175 ft. over SW slope.
73.50	Leave timber, bears N. and S.
79.20	Wash, 1 ch. wide, course S.
	Asc. gradual SW slope to cor. Enter scattering timber.
79.67	Old road, bears NE and SW.
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 12 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, supported by a mound of stone, for standard cor. of secs. 34 and 35, with brass cap marked
	SC T41N | R2E S34 | S35 1926
	From which,
	a pinion, 8 ins. in diam., bears N. 27½° W., 209 lks. dist., marked SCT41NR2ES34BT
	a cedar, 8 ins. in diam., bears N. 30½° E., 565 lks. dist., marked SCT41NR2ES35BT
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar and pinion.
	Undergrowth, oak, sage, sarvas and buck brush, cacti.
	S. 89° 57' E., on the tangent, S. of sec. 35.
	Over mountainous land, thru heavy undergrowth and scattering timber.
	Asc. 23 ft. over SW slope.
8.70	Low ridge, slopes N.
	Thence over rolling land.
20.90	Road, over N. end of mountain, bears NW and SE.

Chains	
30.00	Enter heavy timber, bears N. and S.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 15 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, supported by a mound of stone, for the Std. ¼ sec. cor. sec. 35, with brass cap mkd.
	SC ¼ S 35 1926
	From which,
	a pinion, 6 ins. in diam., bears N.17½°W., 77 lks. dist., marked SC¼S35BT
	a cedar, 8 ins. in diam., bears N.52¼°E., 94 lks. dist., marked SC¼S35BT
	Continue over rolling land.
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 19 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, supported by a mound of stone, for the Std. cor. secs. 35 and 36, with brass cap mkd.
	SC T41N | R2E S35 | S36 1926
	From which,
	a pinion, 14 ins. in diam., bears N.64°W., 78 lks. dist., marked SCT41NR2ES35BT
	a pinion, 10 ins. in diam., bears N.81°E., 88 lks. dist., marked SCT41NR2ES36BT
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar, pinion and some yellow pine.
	Undergrowth, sage, buck, sarvas and oakbrush; cacti.
	S.89° 56'E., on the tangent, S. of sec. 36.
	Over rolling land, thru heavy timber and undergrowth.
	Desc. slight SE slope.
.40	Wash, 20 lks. wide, course N.10°E.
	Asc. gradual NW slope.
5.00	Spur, slopes mN.
	Desc. gradual NE slope.
11.00	Wash, 25 lks. wide, course NW.
	Asc. gradual SW slope.
21.00	Leave heavy timber, enter scattering timber, bears N.-S.
40.00	Mean of measurements as determined by two sets of chainmen.
	Measure 23 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 36, with brass cap marked
	SC ¼ S 36 1926

Chains

From which,
a pinion, 8 ins. in diam., bears N.34°E., 429 lks. dist., marked SC¼S36BT
a cedar, 12 ins. in diam., bears N.70°E., 429 lks. dist., marked SC¼S36BT

48.50 Road, bears NE and SW.
This road from Buckskin Mtn. to Coyote Valley.
Asc. gradual W. slope.

70.00 Enter heavy timber, bears N. and S.

80.00 Mean of measurements determined by two sets of chainmen.
Measure 27 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 3 ins. in diam., 14 ins. in the ground to bedrock, supported by a mound of stone, for the Std. cor. Ts. 41 N., Rs. 2 and 3 E., with brass cap marked

SC
T41N
R2E | R3E
S36 | S31

1926

From which,
a pinion, 8 ins. in diam., bears N.21½°W., 47 lks. dist., marked SCT41NR2ES36BT
a cedar, 6 ins. in diam., bears N.33°E., 44 lks. dist., marked SCT41NR3ES31BT

Land, rolling.
Soil, rocky 4th. rate.
Timber, cedar, pinion and a few yellow pine.
Undergrowth, oak, sage, sarvas brush, cacti.

GENERAL DESCRIPTION.

The line just described, starts on the west foot of the Kaibab Plateau, or Buckskin Mountain, at about an elevation of 6,000 ft. and crosses the summit of said mountain at about 8300 ft. above sea level.
The west slope of the Mtn. is rough and broken by many cliffs, while across the broad top, land is rolling in character.
No apparent indications was noted. of mineral deposits.
The timber consists of cedar, pinion and some yellow pine.
There is a small reservoir about ½ mile S. of the cor. secs. 35 and 36, known as Government Reservoir.
There are no settlers residing in this region.
The surface of the land is covered with a dense growth of sage, oakbrush, sarvas brush, buckbrush and cacti.
The North Boundary of the Kaibab National Forest is located on this line.

Chains	
	October, 16, 1926: at [illegible] station at std. corner of T.41 N., Rs. 2 and 3 E., at 6h. 1m., p.m., l.m.t., observe Polaris at eastern elongation, marking the mean point in the line thus determined by a tack set in top of a stake, driven in the ground about 5 chs. N.
	Azimuth of Polaris at eastern elongation: 1°21'46".
	October, 17, lay off the azimuth of Polaris 1°22' [illegible] to the west and mark the meridian thus determined by a tack in top of stake driven in the ground about 5 chs. N.
	Deflect 90° to the East, thence along [illegible] East, on the tangent, S. of sec. 31.
	Over rolling and mountainous land, thru heavy timber and undergrowth.
39.60	Wash, 10 lks. wide, course N.
40.00	Mean point in measurement determined by two sets of chainmen.
	Measure ½ lk. N. to attain point on the line.
	Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, supported by a mound of stone, for the Std. ¼ sec. cor. sec. 31, with brass cap marked
	SC ¼ S 31
	1926
	From which, a pinion, 8 ins. in diam., bears N.63°W., 32 lks. dist., marked SC¼S31BT a pinion, 6 ins. in diam., bears N.56°E., 27 lks. dist., marked SC¼S31BT.
	Asc. 75 ft. over gradual W. slope.
49.00	Low ridge, bears N. and S.
	Desc. 101 ft. over E. slope.
63.30	Wash, 30 lks. wide, course NE.
	Asc. 52 ft. over SW slope.
72.00	Spur, slopes NW.
	Desc. 34 ft. over NE slope.
73.75	Wash, 20 lks. wide, course NW.
	Asc. 44 ft. over SW slope.
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 1 lk. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, supported by a mound of stone, for the Std. cor. secs. 31 and 32, with brass cap marked
	SC T41N | R3E S31 | S32
	1926
	From which, a cedar, 8 ins. in diam., bears N.37°E., 92 lks. dist., marked SCT41NR3ES32BT a cedar, 12 ins. in diam., bears N.38°W., 68 lks. dist., marked SCT41NR3ES31BT
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar, pinion and some yellow pine.
	Undergrowth, oak, sarvas, buck and oakbrush.

Chains	
	S. 89° 59' E., on the tangent, S. of. sec. 32.
	Over mountainous land, thru heavy timber and undergrowth.
	Asc. gradual W. slope.
10.00	Spur, slopes N.
	Desc. 28 ft. over E. slope.
15.30	Wash, 20 lks. wide, course N.
	Asc. 46 ft. over NW slope.
25.50	Spur, slopes N.
	Desc. 32 ft. over NE slope.
30.00	Draw, 20 lks. wide, course N.
	Asc. 69 ft. over SW slope.
40.00	Mean of measurements of two sets of chainmen.
	Measure N. 2 lks. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, supported by a mound of stone, for the Std. ¼ sec. cor. sec. 32, with brass cap mkd.
	SC ¼ S 32
	1926
	From which,
	a pinion, 10 ins. in diam., bears N.16°W., 59 lks. dist., marked SC¼S32BT
	a cedar, 8 ins. in diam., bears N.56°E., 81 lks. dist., marked SC¼S32BT
	Desc. gradually over E. slope, 71 ft.
46.20	Wash, 20 lks. wide, course N.
	Asc. 76 ft. over W. slope.
52.20	Ridge, bears N. and S.
	Desc. 119 ft. over NE. slope.
57.80	Wash, 20 lks. wide, course NW.
	Asc. 61 ft. over NW slope.
58.30	Spur, slopes N.
	Desc. 23 ft. over E. slope.
61.60	Wash, 20 lks. wide, course NW.
	Asc. 43 ft. over SW slope.
66.50	S pur, slopes N.
69.50	Desc. 52 ft. over NE slope.
74.00	Wash, 10 lks. wide, course N.
	Asc. gradually over W. slope.
77.00	Spur, slopes N.
	Desc. 45 ft. over NE slope to
80.00	Mean of measurements determined by two sets of chainmen.
	Measure N. 3 lks. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, supported by a mound of stone, for the Std. cor. secs. 32 and 33, with brass cap mkd.
	SC T41N | R3E S32 | S33
	1926
	From which,
	a pinion, 10 ins. in diam., bears N.21°W., 43 lks. dist., marked SCT41NR3ES32BT
	a pinion, 12 ins. in diam., bears N.42°E., 32 lks. dist., marked SCT41NR3ES33BT
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, cedar and pinion.
	Undergrowth, oak, sarvas, buck brush, cacti.

Chains	
	S.89°58'E. on the tangent, S. of sec. 33.
	Over mountainous land, thru heavy timber and undergrowth.
	Desc. 96 ft. over NE slope.
4.80	Wash, 1 ch. wide, course N.15°W.
	Asc. 178 ft, over SW slope.
18.00	Ridge, bears N. and S.
	Desc. 88 ft. over NE slope.
28.00	Wash, 20 lks. wide, course NE.
	Asc. 106 ft. over NW slope.
33.00	Spur, slopes NE.
	Desc. 73 ft. over NE slope.
36.55	Wash, 20 lks. wide, course N.
	Asc. 53 ft. over NW slope to
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 5 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., on bedrock, supported by a mound of stone, for the Std. ¼ Sec. cor. sec. 33, with brass cap marked
	SC ¼ S 33 1926
	From which,
	a pinion 9 ins. in diam., bears N.30°W., 35 lks. dist., marked SC¼S33BT
	a pinion 10 ins. in diam., bears N.32°E., 76 lks. dist., marked SC¼S33BT
	Asc. gradual NW slope.
41.00	Spur, slopes NE.
	Desc. 86 ft. over SE slope.
46.90	Wash, 30 lks. wide, course N.30°E.
	Asc. 83 ft. over NW slope.
53.00	Spur, slopes NE.
	Desc. 107 ft. over SE slope.
59.40	Wash, 20 lks. wide, course NE.
	Asc. 19 ft. over NW slope.
62.00	Spur, slopes N.
	Desc. 129 ft. overvSE slope.
67.00	Swale drains S. Bend in a wash from SW to SE 50 lks. S.
	Asc. 20 ft. over SW slope.
70.00	Low spur, slopes S. Desc. 82 ft. over SE slope.
73.80	Wash 20 lks. wide, course NE. Asc. 90 ft. over NW slope.
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 7 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, supported by a mound of stone, for the Std. cor. secs. 33 and 34, with brass cap mkd.
	SC T41N | R3E S33 | S34 1926
	From which,
	a pinion, 8 ins. in diam., bears N.7°W., 99 lks. dist., marked SCT41NR3ES33BT
	a pinion, 10 ins. in diam., bears N.58°E., 80 lks. dist., marked SCT41NR3ES34BT
	Land, mountainous.
	Soil, rocky 4th. rate.
	Timber, pinion and cedar.
	Undergrowth, oak, sarvas, buckbrush and cacti.

Survey of the 10th. St. Par. N., thru Range 3 East.

12

Chains.

S.89°57'E. on the tangent, S. of sec. 34.
Over mountainous land, thru heavy timber and undergrowth.
Desc. 239 ft. over SE slope to wash.
10.60 From which,
a corral at Coyote Wells, bears N.29°20'E.
a high peak on S. end of Coyote Mountains bears N.44°20'E.
S. end of White Cliffs (White Pocket water) bears N.68°05'E. Leave timber, bears N. and S.
16.50 Wash, 20 lks. wide, course NE.
Asc. 64 ft. over NW slope.
18.00 Spur, slopes NE.
Desc. 150 ft. over SE slope.
23.40 Wash, 20 lks. wide, course NE.
Asc. 46 ft. over NW slope.
27.00 Spur, slopes NE.
Desc. 125 ft. over SE slope.
28.30 From which,
Coyote Wells Corral bears N.26¼°E.
S. end of Coyote Mountains bears N.42¼°E.
Desc. 190 ft. over SE slope to
40.00 Mean of measurements determined by two sets of chainmen.
Measure N. 9 lks. to attain point on Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, supported by a mound of stone, deposit mkd. (x) stone at base of post, for the Std. ¼ sec. cor. sec. 34, with brass cap marked

SC
¼ S 34

1926

Desc. 68 ft. over SE slope.
52.35 Enter wash, from SW. to E.
Desc. 34 ft. down same.
57.30 Leave wash, to SE. Enter Coyote Valley, bears N. and S.
Continue on gradual desc. of 81 ft. over E. slope to cor.
76.35 Road, from N. end of Buckskin Mtn. to Houserock Valley, bears N. and S. Enter scattering timber, bears N.-S.
80.00 Mean of measurements determined by two sets of chainmen.
Measure 12 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 34 and 35, with brass cap marked

SC
T41N | R3E
S34 | S35

1926

From which, mountainous and rolling.
a cedar, 12 ins. in diam., bears N.19°W., 460 lks. dist., marked SCT41NR3ES34BT
a cedar, 12 ins. in diam., bears N.81¼°E., 115 lks. dist., marked SCT41NR3ES35BT
Highest point of Coyote Mtns. bears N.35°E.
Mollies Nipple on SE end of Coyote Mts. bears N.49°E.
Maggies Nipple " " " " " " N.52°E.
Land, W½ mountainous. E.½ rolling.
Soil, rocky 4th. rate.
Timber, cedar and pinion.
Undergrowth, sage and buck brush, cacti.

Chains	
	S.89°57'E., on the tangent, S. bdy. sec. 35.
	Over rolling land, thru scattering timber and heavy undergrowth.
	Desc. 28 ft. over NE slope.
1.60	Wash, 10 lks. wide, course N.10°E.
	Asc. 51 ft. over NW slope.
9.50	Spur, slopes NE.
	Desc. 34 ft. over SE slope.
13.00	Swale, drains S.
	Asc. 5 ft. over SW slope.
15.00	Spur, slopes S.
	Desc. 29 ft. over SE slope.
19.70	Center of earth dam across wash at N. end of reservoir about 2 chs. in diam. This reservoir contains water a good part of the year. Fit for stock only.
	Leave Coyote Valley, bears N. and S. Enter rolling Sand Fields.
	Asc. gradual NW slope.
21.20	Low spur, slopes NE.
	Desc. gradual NE slope.
23.30	Wash, 50 lks. wide, course N.
	Asc. 114 ft. over NW slope over deep sand.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 15 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the Std. ¼ sec. cor. sec. 35, with brass cap marked
	SC ¼ S 35 1926
	From which,
	a cedar, 10 ins. in diam., bears N.71°W., 170 lks. dist., marked SC¼S35BT
	a pinion, 12 ins. in diam., bears N.76°E., 31 lks. dist., marked SC¼S35BT
	N.20°W., to a point where road over N. end of Buckskin Mtn. leaves Coyote Valley. (a)
	Asc. 188 ft. over general W. slope to
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 19 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 35 and 36, with brass cap marked
	SC T41N | R3E S35 | S36 1926
	From which,
	a cedar, 20 ins. in diam., bears N.42½°W., 153 lks. dist., marked SCT41NR3ES35BT
	a cedar, 20 ins. in diam., bears N.81°E., 104 lks. dist., marked SCT41NR3ES36BT
	same point (a) of road leaving valley bears N.30°W.
	N.7°E., to peak on N. end of Coyote Mtn. (b)
	N.8°E., " " " Coyote Mtn. (c)
	N.10°E., " " " " " (d)
	N.13°E., " " " " " (e)
	N.20°35'E., to S. peak of Coyote Mtn. (f)
	On this peak is Duffers Cairn, built by U.S.G.S.
	N.31°20'E., to Mollies Nipple,
	N.33°45'E., to Maggies Nipple.

Chains	
	Land, rolling sand hills. Soil, sand, 3rd. rate. Timber, pinion and cedar. Undergrowth, sage, buck brush and cacti.
	S.89°56'E., on the tangent, S. of sec. 36. Over rolling sand hills, thru scattering timber and undergrowth. Asc. 226 ft. over general W. slope.
12.00	Enter field of red sand domes about 25 ft. high, bear N. and S.
20.00	Leave domes bear N. and S.
40.00	Mean of measurements determined by two sets of chainmen. Measure 23 lks. N. to attain point on Parallel. Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground for the Std. ¼ sec. cor. sec. 36, with brass cap marked SC ¼S 36 1926 From which, a cedar, 14 ins. in diam., bears N.16°W., 143 lks. dist., marked SC¼S36BT a cedar limb, 8 ins in diam., bears N.46°E., 54 lks. dist., marked SC¼S36BT peak (b) on Coyote Mtn. bears N.3°E. " (c) " " " " N.3½°E. " (d) " " " " N.4°E. " (e) " " " " N.8½°E. " (f) " " " " N.12°E. Asc. 115 ft. over general W. slope.
78.00	Road, from Coyote Valley to Hamblins Wells, brs. NW-SE.
80.00	Mean of measurements determined by two sets of chainmen. Measure 27 lks. N. to attain point on Parallel. Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for the Std. cor. Tp. 41 N., Rs. 3 and 4 E., with brass cap marked SC T41N R3E | R4E S36 | S31 1926 From which, a cedar, 16 ins. in diam., bears N.60°W., 280 lks. dist., marked SCT41NR3ES36BT a cedar limb, 10 ins. in diam., bears N.45½°E., 207 lks. dist., marked SCT41NR4ES31BT Land, rolling. Soil, sand, 3rd. rate. Timber, cedar and pinion. Undergrowth, sage and cacti.

GENERAL DESCRIPTION.

The west 3½ miles of this line is over the rough, broken, East slope of the Kaibab Plateau, or Buckskin Mtn. Coyote Valley about ½ mile wide lies bet. said Mtn. and the Sand Hills of the Paria Plateau. There is water at several points in this valley. The road to Kanab, via the N. end of Buckskin Mtn., passes thru Coyote Valley. There is no apparent evidences of mineral. No settlers reside within 20 miles of the line. The Sand Hills are covered with a growth of timber of a good size altho the surface of the ground

consists of loose sand, about 3 ft. depth to bed rock. A heavy growth of underbrush covers the land. Sand domes averaging a height of 25 ft. dot the landscape. On the early U.S.Geological Survey of the Paria Plateau by Capt. Dellenbaugh, a huge cairn of rock was erected on the South Peak of the Coyote Mtns. This cairn was located and tied in by bearings. The Paria Plateau affords good range to sheep and cattlemen altho water is very scarce.

November, 1, 1926: at station at the Std. corner of Tp. 41 N., Rs. 3 and 4 E., in approximate latitude 36°54'N., and longitude 112°2'W, examine the adjustments of the transit and find no errors.
At 4h. 52m., a.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack driven in the ground about 5 chs. N.
Azimuth of Polaris at western elongation: 1°21'38"
Lay off the azimuth of Polaris 1°21½' to the east and mark the true meridian by a tack set in peg driven in the ground about 5 chs. N.
Deflect 90° to the east, thence, [illegible] East, on the tangent, S. of sec. 31. [illegible]
Over rolling sand hills, thru scattering timber and undergrowth.
6.25 From which,
a conspicious red sandstone butte bears S. 29 °W., about half mile.
40.00 Mean of measurements determined by two sets of chainmen.
[illegible]
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 31, with brass cap marked

SC
¼ S 31

1926

From which,
a cedar, 10 ins. in diam., bears N.71°W., 174 lks. dist., marked SC¼S31BT
a cedar, 20 ins. in diam., bears N.80°E., 196 lks. dist., marked SC¼S31BT
Asc. about 50 ft. over SW slope.
70.00 End of spur from N.
Desc. 30 ft. over SE. slope.
80.00 Mean of measurements determined by two sets of chainmen.
Measure 1 lk. N. to attain point on Parallel.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 31 and 32, with brass cap marked

SC
T41N | R4E
S31 | S32

1926

From which,
a cedar, 14 ins. in diam., bears N.36°W., 24 lks. dist., marked SCT41NR4ES31BT
a cedar, 12 ins. in diam., bears N.18°E., 171 lks. dist., marked SCT41NR4ES32BT

Chains

Land, rolling sand hills.
Soil, sand, 3rd. rate.
Timber, cedar and pinion.
Undergrowth, sage, and cacti.

S.89°.59'E., on the tangent, S. of sec. 32.
Over rolling sand hills, thru scattering timber and under growth.
Desc. 138 ft. over SE slope.

40.00 Mean of measurements determined by two sets of chainmen.
Measure 2 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 32 with brass cap marked

SC
¼ S 32

1926

From which,
a cedar, 14 ins. in diam., bears N.63½°W., 225 lks. dist., marked SC¼S32BT
a cedar, 20 ins. in diam., bears N.53°E., 310 lks. dist., marked SC¼S32BT

Asc. 23 ft. over W. slope.

50.00 Low sand ridge, bears N. and S.
Desc. gradual NE slope.

80.00 Mean of measurements determined by two sets of chainmen.
Measure 3 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 32 and 33, with brass cap marked

SC
T41N | R4E
S32 | S33

1926

From which,
a cedar, 30 ins. in diam., bears N.48°W., 208 lks. dist., marked SCT41NR4ES32BT
a cedar, 16 ins. in diam., bears N.12°E., 118 lks. dist., marked SCT41NR4ES33BT
Land, rolling sand hills.
Soil, sandy 3rd. rate.
Timber, cedar andnpinion.
Undergrowth, sage and cacti.

S.89°.58'E., on the tangent, S. of sec. 33.
Over rolling sand hills, thru scattering timber and undergrowth.

40.00 Mean of measurements determined by two sets of chainmen.
Measure 5 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 33, with brass cap marked

SC
¼ S 33

1926

Chains

From which,
a cedar, 16 ins. in diam., bears N.1°W., 119 lks. dist., marked SC¼S33BT
a cedar, 14 ins. in diam., bears N.42°E., 138 lks. dist., marked SC¼S33BT
Continue on slight asc. over W. slope.

80.00 Mean of measurements determined by two sets of chainmen.
Measure 7 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 33 and 34, with brass cap marked

SC
T41N | R4E
S33 | S34

1926

From which,
a cedar, 8 ins. in diam., bears N.46°W., 155 lks. dist., marked SCT41NR4ES33BT
a pinion, 12 ins. in diam., bears N.55½°E, 139 lks. dist., marked SCT41NR4ES34BT
Duffers Cairn bears N.42¾°W.
Conspicious red butte, as hereinbefore sighted, S.68°W.
Land, rolling sand fields.
Soil, sandy 3 rd. rate.
Timber, cedar and pinion.
Undergrowth, sage and cacti.

S.89°57'E., on the tangent, S. of sec. 34.
Over rolling sand fields, thru scattering timber and undergrowth.

40.00 Mean of measurements determined by two sets of chainmen.
Measure N. 9 lks. to attain point on Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 34, with brass cap marked

SC
¼ S 34

1926

From which,
a cedar, 10 ins. in diam., bears N.26½°W., 303 lks. dist., marked SC¼S34BT
a cedar, 8 ins. in diam., bears N.31½°E., 128 lks. dist., marked SC¼S34BT
Asc. gradual W. slope.

80.00 Mean of measurements determined by two sets of chainmen.
Measure 12 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 2 ins. in diam., 25 ins. in the ground for the Std. cor. secs. 34 and 35, with brass cap marked

SC
T41N | R4E
S34 | S35

1926

From which,
a cedar, 24 ins. in diam., bears N.30°W., 62 lks. dist., marked SCT41NR4ES34BT
a cedar, 30 ins. in diam., bears N.44°E., 211 lks. dist., marked SCT41NR4ES35BT

Survey of the 10th. St. Par. N., thru Range 4 East.

18

Chains	
	Land, rolling sand fields. Soil, sand, 3rd. rate. Timber, cedar and pinion. Undergrowth, sage and cacti.
	S.89°,57'E. on the tangent, W. of sec. 35.
	Over rolling land, thru scattering timber and undergrowth.
	Asc. 30 ft. over W. slope.
15.00	Low ridge, bears N. and S.
	Desc. 46 ft. over SE slope.
35.00	Foot of desc., asc. slight W. slope.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 15 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 35, with brass cap marked
	SC ¼ S 35 1926.
	From which,
	a cedar, 13 ins. in diam., bears N.41½°W., 72 lks. dist., marked SC¼S35BT
	a cedar, 20 ins. in diam., bears N.80°E., 222 lks. dist., marked SC¼S35BT
	Desc. slight SE slope.
60.00	Shallow draw, course N.
	Asc. slight SW slope.
80.00	Mean of measurements determined by two sets of chainmen.
	Measure 19 lks. N. to attain point on parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 35 and 36, with brass cap marked
	SC T41N | R4E S35 | S36 1926
	From which,
	a cedar, 20 ins. in diam., bears N.45°W., 174 lks. dist., marked SCT41NR4ES35BT
	a cedar, 8 ins. in diam., bears N.35°E., 99 lks. dist., marked SCT41NR4ES36BT
	a large sandstone rock, about 1 ch. square, bears N.45°W., 10 chs. dist.
	Land, rolling sand fields.
	Soil, sandy 3rd. rate.
	Timber, cedar and pinion.
	Undergrowth, sage and cacti.
	S.89°,56'E. on the tangent, S. of sec. 36.
	Over rolling sand hills, thru scattering timber and undergrowth.
	Asc. gradual SW slope.
35.00	Low ridge, bears N. and S.
	Desc. gradual SE slope.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 23 lks. N. to attain point on parallel.

Chains	
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 36, with brass cap marked
	SC ¼ S 36 1926
	From which, a pinion, 10 ins. in diam., bears N.23° W., 95 lks. dist., marked SC¼S36BT a cedar, limb, 8 ins. in diam., bears N.67°E., 233 lks. dist., marked SC¼S36BT
	Desc. 97 ft. over SE slope.
55.00	Asc. 41 ft. over W. slope.
60.00	Desc. 136 ft. over NE slope.
80.00	Basin.
	Mean of measurements of two sets of chainmen.
	Measure 27 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for the Std. cor. Tp. 41 N., Rs. 4 and 5 E., with brass cap marked
	SC T41N R4E | R5E S36 | S31
	1926
	From which, a cedar, 14 ins. in diam., bears N.30½°W., 741 lks. dist., marked SCT41NR4ES36BT a cedar, 8 ins. in diam., bears N.23½°E., 1018 lks. dist., marked SCT41NR5ES31BT
	Land, rolling sand fields. Soil, sand, 3rd. rate. Timber, scattering pinion and cedar. Undergrowth, sage and cacti.

GENERAL DESCRIPTION

This line was surveyed over the rolling sand hills of the Paria Plateau. The surface of the land is broken by outcropping sandstone rocks and ledges. There is no definate drainage system as what water falls on the ground, in the shape of snow and rain is absorbed by the soil.

The only water near the line is at what is known as Rock Pocket about ¾ of a mile south of the cor. of secs. 32 and 33.

A good growth of timber covers the plateau generally. There is a heavy growth of sage and other native brush, also cacti.

Sheep, goats and cattle ranges this area, especially during the winter. The soil is pure sand, about 3 ft. deep to bedrock. No evidence of mineral was noted. There are no settlers located nearer than Houserock Valley.

Chains

November 2, 1926: At [illegible] station at std. cor. Ts. 41 N., Rs. 4 and 5 E., at 4h. 48m., a.m., l.m.t., observe Polaris at western elongation, making four obsns., two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg driven in the ground about 10 chs. N.,

Azimuth of Polaris at western elongation: 1°21'37"
Lay off the azimuth of Polaris 1°21½' to the east and mark the meridian thus determined by a tack set in top of a stake driven in the ground about 10 ch. N.,

Deflect 90° to the east, thence [illegible] East, on the tangent, S. of sec. 31. [illegible]
Over rolling land, thru scattering timber and undergrowth.
Asc. gradual W. slope.

20.00 Low ridge, bears N. and S.
Desc. gradual E. slope.

40.00 Mean measurement of two sets of chainmen.
[illegible] N. to attain point on the Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 25 ins. in the ground for the Std. ¼ sec. cor. sec. 31, with Brass cap marked

SC
¼ S 31

1926

From which,
a cedar limb, 6 ins. in diam., bears N.65°W., 67,1lks. dist., marked SC¼S31BT
a cedar, 14 ins. in diam., bears N.22°E., 103 1lks. dist., marked SC¼S31BT
Continue over rolling land.

80.00 Meanof measurements determined by two sats of chainmen.
Measure 1 lk. N. to attain point on Parallel.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 31 and 32, with brass cap marked

SC
T41N | R5E
S31 | S32

1926

From which,
a cedar, 10 ins. in diam., bears N.70°W., 227 1lks. dist., marked SCT41NR5ES31BT
a cedar, 14 ins. in diam., bears N.15°E., 492 1lks. dist., marked SCT41NR5ES32BT

Land, rolling sand fields.
Soil, sand, 3rd. rate.
Timber, pinion and cedar.
Undergrowth, sage and cacti.

S.89°59'E. on the tangent, S. of sec. 32.
Over rolling sand fields, thru scattering timber and undergrowth.

40.00 Mean of measurements determined by two sets of chainmen.
Measure 2 1lks. N., to attain point on Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, supported by a mound of stone, for the Std. ¼ sec. cor. sec. 32, with brass cap mkd.

Chains	
	SC ¼ S 32 1926 From which, a cedar, 12 ins. in diam., bears N.46°W., 65 lks. dist., marked SC¼S32BT a cedar, 8 ins. in diam., bears N.71°E., 179 lks. dist., marked SC¼S32BT
80.00	Mean of measurements determined by two sets of chainmen. Measure 3 lks. N. to attain point on Parallel. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 32 and 33, with brass cap marked SC T41N | R5E S32 | S33 1926 From which, a cedar limb, 14 ins. in diam., bears N.77°W., 43 lks. dist., marked SCT41NR5ES32BT a cedar, 12 ins. in diam., bears N.50°E., 101 lks. dist., marked SCT41NR5ES33BT Land, rolling sand fields. Soil, sand, 3rd. rate. Timber, cedar and pinion. Undergrowth, sage and cacti.

	Sam 89°58'E. on the tangent, S. of sec. 33. Over rolling land, thru scattering timber and undergrowth.
40.00	Mean of measurements determined by two sets of chainmen. Measure 5 lks. N. to attain point on Parallel. Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, supported by a mound of stone, for the Std. ¼ sec. cor. sec. 33, with brass cap mkd. SC ¼ S 33 1926 From which, a cedar, 8 ins. in diam., bears N.89°W., 57 lks. dist., marked SC¼S33BT a cedar. 10 ins. in diam., bears N.24°E., 192 lks. dist., marked SC¼S33BT
57.00	Asc. 30 ft. over the N. end. of a sandstone butte, bears N. and S. There is a brush corral built on the East side of this butte, which is about 10 chs. long.
80.00	Mean of measurements determined by two sets of chainmen. Measure 7 lks. N. to attain point on Parallel. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. Cor. secs. 33 and 34, with brass cap marked SC T41N | R5E S33 | S34 1926

Chains

From which,
a cedar, 14 ins. in diam., bears N.30°W., 68 lks. dist., marked SCT41NR5ES33BT
a cedar limb, 4 ins. in diam., bears N.81°E., 48 lks. dist., marked SCT41NR5ES34BT
White Pocket Cliff bears N.13°W.
N.end of Coyote Mtn., bears N.60°W.
Big Rock, bears N.76°W.
SW end of mesa, bears N.31°W., about 4 miles.
Land, rolling sand fields.
Soil, sand, 3rd. rate.
Timber, cedar and pinion.
Undergrowth, sage and cacti.

S.89°57' E., on the tangent, S. of sec. 34.
Over rolling land, thru scattering timber and undergrowth.
Asc. gradually over NW slope.
25.00 Low ridge, bears N. and S.
Desc. gradual NE slope.
40.00 Mean of measurements determined by two sets of chainmen.
Measure 9 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 34, with brass cap marked

SC
¼ S 34

1926

From which,
a cedar, 20 ins. in diam., bears N.17°E., 25 lks. dist., marked SC¼S34BT
a cedar limb, 8 ins. in diam., bears N.43°E., 113 lks. dist., marked SC¼S34BT
Desc. gradual NE slope.
80.00 Mean of measurements determined by two sets of chainmen.
Measure 12 lks. N. to attain point on Parallel.
Set an iron postb3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 34 and 35, with brass cap marked

SC
T41N | R5E
S34 | S35

1926

From which,
a cedar, 10 ins. in diam., bears N.3°W., 149 lks. dist., marked SCT41NR5ES34BT
a cedar, 14 ins. in diam., bears N.55°E., 180 lks. dist., marked SCT41NR5ES35BT
N. end of Knoll (a) bears S.79°E.
S. end of " ((a) bears S.70°E.
Center of " (b) bears S.12°E.
Center of " (c) bears S.11°W.
Land, rolling sand fields.
Soil, sandy 3rd. rate.
Timber, pinion and cedar.
Undergrowth, sage and cacti.

Chains	
	S.89°57'E., on the tangent, S. of sec. 35.
	Over rolling land, thru scattering timber and undergrowth.
	Desc. gradually over SE slope.
15.00	Draw, 1 ch. wide, course N.
	There is a reservoir of stock water, called "Last Water Reservoir" down this draw about 30 chs. dist.
	Asc. over gradual NW slope.
34.00	N. point of butte, 20 ft. high, 3 chs. wide, bears S. about 10 lks. dist.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 15 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 35, with brass cap marked
	SC ¼ S 35 1926
	From which,
	a cedar, 24 ins. in diam., bears N.72°W., 235 lks. dist., marked SC¼S35BT
	a cedar, 9 ins. in diam., bears N.56°E., 148 lks. dist., marked SC¼S35BT
	Mound of stone on mesa (S. end) bears N.30°W., about ¼ mile.
	Mound of stone on end of mesa bears N.47¼°W., about 4 or 5 miles dist.
	Center of Cliff at White Pocket bears N.15°W.
	Top of N. end. of Butte bears S.62½°E., about ⅓ mile.
	Asc. gradual NW slope.
49.90	Road from Hamblins Wells to Last Water Reservoir, bears NW and SE.
80.00	Mean of measurements determined by two sets of Chainmen.
	Measure 19 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the Std. cor. secs. 35 and 36, with brass cap marked
	SC T41N | R5E S35 | S36 1926
	From which,
	a cedar, 10 ins. in diam., bears N.45¾°W., 254 lks. dist., marked SCT41NR5ES35BT
	a cedar, 8 ins. in diam., bears N.36¼°E., 284 lks. dist., marked SCT41NR5ES36BT
	Foot of large butte, bears S.30°E., about 10 chs. dist.
	Land, rolling sand fields.
	Soil, sand, 3rd. rate.
	Timber, pinion and cedar.
	Undergrowth, sage and cacti.
	S.89°56'E., on the tangent, S. of sec. 36.
	Over rolling land, thru scattering timber and undergrowth.
	Asc. gradual NW slope.
5.00	Low ridge, bears N. and S.
	Desc. gradual E. slope.
30.00	Valley bears N. and S.
40.00	Mean of measurements determined by two sets of chainmen.
	Measure 23 lks. N. to attain point on Parallel.
	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the Std. ¼ sec. cor. sec. 36, with brass cap marked

Chains

Post, on parallel, on S. SC¼ sec. 36.
Over rolling land, thru ¼ S. 36, scrub timber and undergrowth.

1926

From which,
a cedar limb, 8 ins. in diam., bears N.62°E., 81 lks. dist., marked SC¼S36BT
a cedar, 14 ins. in diam., bears N.86½°E., 400 lks. dist., marked SC¼S36BT

Asc. over gradual NW slope.
80.00 Mean of measurements of two sets of chainmen.
Measure 27 lks. N. to attain point on Parallel.
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for std.cor. Ts. 41 N., Rs. 5 and 6 E., with brass cap marked

SC
T41N
R5E | R6E
S31 | S36

1926

From which,
a cedar, 10 ins. in diam., bears N.53°W., 220 lks. dist., marked SCT41NR5ES31BT
a pinion, 10 ins. in diam., bears N.74½°E., 166 lks. dist., marked SCT41NR6ES36BT

Land, rolling sand fields.
Soil, sand, 3rd. rate.
Timber, pinion and cedar.
Undergrowth, sage and cacti.

GENERAL DESCRIPTION.

This line was surveyed over the rolling sand fields of the Paria Plateau. Elevation above sea level of this plateau is about 7000 ft. The formation of this region is sandstone, many outcropping sandstone ledges and bu buttes dot the surface. The soil is sand.
The timber is pinion and cedar ranging from about 4 ins. in diam., to 3 and 4 ft.
There is no living water near this line.
A reservoir built by cattlemen was found North of the Std. cor. secs. 34 and 35, but the water was stagnated and fit only for stock. No settlers are located nearer than Hamblins wells in sec. 31, T.40 N., R.6 E.
No evidence of mineral was noted.
At the time of survey good grass was found, affording grazing for cattle, goats and sheep.

The continued satisfactory adjustment of the solar apparatus of the instrument used in the execution of the surveys hereinbefore described is indicated from field tests described in Book "C" of this group.

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26 BOOK 3813

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Benjamin J. Kinsey, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from ~~the U. S. Surveyor General~~ the U.S. District Cadastral Engineer for Group 139, Arizona bearing date of the 23rd day of April, 1926, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the 10th Standard Parallel North
thru
Ranges 2, 3, 4 and 5 East

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of ~~the U. S. Surveyor General~~ the U.S. District Cadastral Engineer for Group 139, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

and by diagram on page 1 hereof

Place:- Phoenix, Arizona

Date:- July, 13, 1927

Benjamin J. Kinsey
U. S. Surveyor.

APPROVAL.

U.S. SUPERVISOR OF SURVEYS.
OFFICE OF THE ~~UNITED STATES SURVEYOR GENERAL~~,

Denver, Colo., Feb. 23, 1928.

The foregoing field notes of the survey of

the 10th Standard Parallel North
thru
Ranges 2, 3, 4 and 5 East
of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by Benjamin J. Kinsey, U.S. Surveyor

under his special instructions dated April 23, 1926 for Group 139 Arizona, ~~10~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Maurice H. Johnson
U.S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~

~~, has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General.~~

6—2764

4—680

FIELD ASSISTANTS.

TO

Benjamin J. Kinsey, U.S. Surveyor.

NAMES.	CAPACITY.
Earl Endicott	1st Chainman
Owen Wright	1st Chainman
Elliott Pierson	2nd Chainman
Bert Wells	2nd Chainman
Earl Childers	Cornerman

6—2764