Book "W" 2955

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BOOK 2955

Subdivisions

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

2955

FRACTIONAL TOWNSHIP 16½ NORTH, RANGE 20½ WEST

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

In the State of Arizona

EXECUTED BY

2955

Albert Smith Jr., U.S.Surveyor

and

Ray D. Armstrong, U.S.Transitman

~~*In the capacity of U. S. Surveyor*~~, *under instructions dated* December 28, *1914, issued by the United States Surveyor General to govern surveys included in Group No.* 42, *which were approved by the Commissioner of the General Land Office,* January 22, *1915*

Survey commenced March 22, *1916*

Survey completed March 25, *1916*

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Executed under assignment
Instructions dated Nov. 29, 1915 and Feb. 2, 1916.

INDEX DIAGRAM.

Township ----------, *Range* ----------

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1A

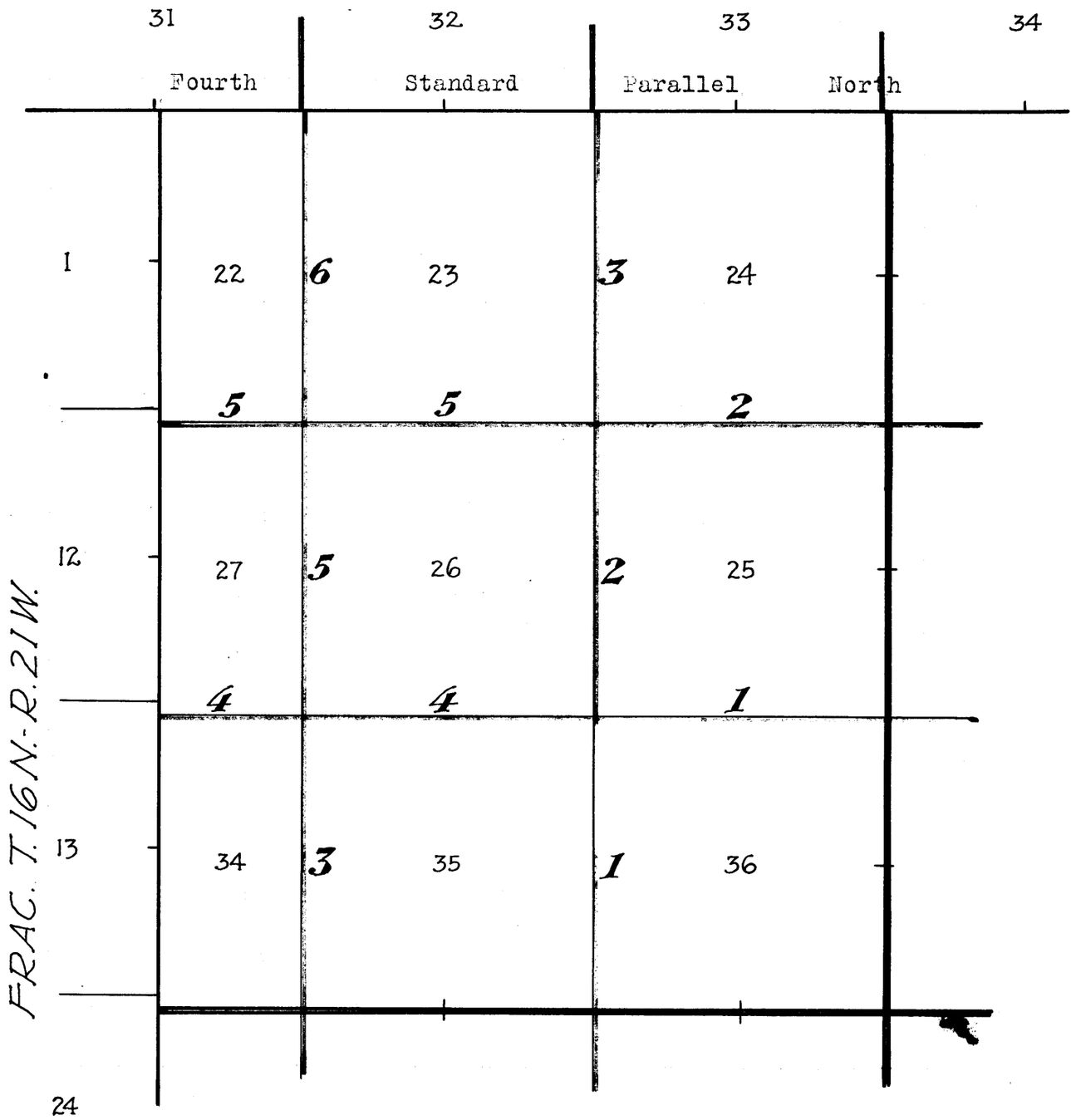
Book "W"
Group 42, Arizona.
(Subdivisions)

BOOK 2955

~INDEX~DIAGRAM~.

FRACTIONAL TOWNSHIP 16½ NORTH, RANGE 20½ WEST.

T. 17 N.-R. 20 W.



Township Exteriors. Notes in Book "A"

Subdivision lines surveyed under this Group.

Lines surveyed under Group 43.

Accepted surveys.

Subdivision of Fractional T. 16½ N., R. 20½ W. 1b

Chains.	
	Survey commenced Mar. 22, 1916, and executed jointly by Albert Smith, Jr., U. S. Surveyor, and Ray D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits Nos. 8583 and 8396, respectively, with Smith solar attachments. For description of instruments and certificate of approval, see subdivision of T.13 N.,R. 19 W. in book "F". For tests ofadjustment, see subdivision of T. 16 N., R. 19 W.in book "S".
	In the following field notes, the initials A. S. and R. D. A. refer to Albert Smith, Jr., U. S. Surveyor, and Ray D. Armstrong, U. S. Transitman, respectively.
	A. S. and R. D. A.
	A. S.
	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A", I run
	N.0° 1' W., bet. secs. 35 and 36.
	Over rolling land, through dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec; cor., marked on brass cap 1916 on S. rim; ¼S35 in W. and S36 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
65.00	Center of wash, 1 ch. wide, 10 ft. deep, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap 1916 on S. rim; T16½N R20½W in N. half; S26 in NW., S25 in NE., S36 in SE. and S35 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling desert.
	Soil, sand, gravel and stone; 3rd rate.
	No timber.
	Undergrowth, greasewood.
	East on a random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by me, as described in Book "A".
	Thence I run
	N.89° 58' W., on a true line, bet. secs. 25 and 36.
	Over rolling land, through dense undergrowth.
35.00	Center of wash, 1 ch. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1916 on S. rim; ¼S25 in N. and S36 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
46.30	Center of wash, 60 lks. wide, 15 ft. deep, course SW.
51.00	Enter wash, course W. Comes from SE.
54.00	Leave wash, 1 ch. wide, 15 ft. deep, course SW.
80.00	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling desert.
	Soil, sandy; 3rd rate.
	No timber.
	Undergrowth, greasewood.

Chains.

Mar. 22, 1916: At this cor., I set off 0° 45' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 47' N.

A. S.
Mar. 22, 1916.

Mar. 25, 1916: R. D. A.
At 9 hrs. 8 m., a.m., l.m.t., I set off 34° 47' N. on the lat. arc; 1° 53' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.
Thence I run
N.0° 1' W., bet. secs. 25 and 26.
Over rolling land, through scattering undergrowth.

6.90 Center of wash, 80 lks. wide, course SW.
24.80 Center of wash, 1 ch. wide, course SW.
32.30 Wash, 50 lks. wide, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, 10 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S26 in W. and
S25 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
51.20 Wash, 50 lks. wide, course SW.
55.00 Wash, 30 lks. wide, course SW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, 12 ins. in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap
1916 on S. rim;
T16½N R20½W in N. half;
S23 in NW.,
S24 in NE.,
S25 in SE. and
S26 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling desert.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood.

S.89° 58' E., on a random line, bet. secs. 24 and 25.
40.00 Set temp. ¼ sec. cor.
79.96 Intersect E. bdy. of Tp., at the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by me, as described in Book "A".
Thence I run
N.89° 58' W., on a true line, bet. secs. 24 and 25.
Over rolling land, through scattering undergrowth.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, 8 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S24 in N. and
S25 in S. half;
and raise a mound of stone, 2 ft.base, 1½ ft. high, N. of cor.
43.45 Center of wash, 1 ch. wide, course SW.
45.85 Center of wash, 80 lks. wide, course SW.
49.95 Center of wash, 90 lks. wide, course SW.
79.96 The cor. of secs. 23, 24, 25 and 26.
Land, rolling.
Soil, rocky; 4th rate.
No timber.

Chains.

Undergrowth, greasewood.
Mar. 25, 1916: At this cor., I set off 1° 56' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 48' N.

N.0° 1' W., on a true line, bet. secs. 23 and 24.
Over level land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, 14 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S23 in W. and
S24 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.00 Wash, 20 lks. wide, course SW.

83.76 Intersect Fourth Standard Parallel North, 0.32 chs. E. of the standard cor. of secs. 32 and 33, T. 17 N., R. 20 W., which is a stone, 10 X 8 X 6 ins., above ground, marked and witnessed as described by the Surveyor-General.
At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, 8 ins. in a mound of stone, for closing cor. of secs. 23 and 24, marked on brass cap
1916 on S. rim;
CC S. of center;
S33 in N. half;
R20½W. S24 in SE. and
T16½N S23 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor,
Land, level.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood.

Mar. 25, 1916.

Mar. 23,1916:
From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A", I run
N.0° 1' W., bet. secs. 34 and 35.
Over rolling land, through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S34 in W. and
S35 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Mar. 23, 1916.

Mar. 24, 1916: At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 46½' N. on the lat. arc; 1° 29' N. on the decl. arc; and determine a meridian with the solar at the ¼ sec. cor. bet. secs. 34 and 35.
Thence I continue measurement
N.0° 1' W., bet. secs. 34 and 35.

55.00 Enter lava field, brs. E. and W.

68.50 Center of wash, 1 ch. wide, course W.

73.80 Center of wash, 1.50 chs. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap
1916 on S. rim;
T16½N R20½W in N. half;
S27 in NW.,

Chains.

S26 in NE.,
S35 in SE. and
S34 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling.
Soil, rocky; 3rd and 4th rate.
No timber.
Undergrowth, greasewood and palo verde.

R. D. A.
Mar. 24, 1916.

Mar. 22, 1916: A. S. and R. D. A.
East on a random line, bet. secs. 26 and 35.
40.00 Set temp. ¼ sec. cor.
80.06 Intersect N. and S. line, 9 lks. N. of the cor. ofsecs. 25, 26, 35 and 36.
Thence I run
N.89° 56' W., on a true line, bet. secs. 26 and 35.
Over rolling land, through dense undergrowth.
10.00 Wash, 30 lks. wide, 10 ft. deep, course SW.
40.03 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S26 in N. and
S35 in S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
47.55 Center of wash, 60 lks. wide, course SW.
76.95 Center of wash, 1 ch. wide, course SW.
80.06 The cor. of secs. 26, 27, 34 and 35.
Land, rolling desert.
Soil, rocky; 3rd and 4th rate.
No timber.
Undergrowth, greasewood.

Mar. 24, 1916.
A. S. and R. D. A.

Mar. 24, 1916: R. D. A.
West on a true line, bet.frac. secs. 27 and 34.
Over rolling land, through dense undergrowth.
39.17 Intersect E. bdy. of Frac., T. 16 N., R. 21 W., 3.46 chs. S. of the cor. of secs. 12 and 13, which is a lava stone, 14 X 10 X 8 ins., above ground, marked and witnessed as described by the Surveyor-General.
At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, 17 ins. in a mound of stone, for closing cor. of fractional secs. 27 and 34, marked on brass cap
1916 on S. rim;
CC W. of center;
T16½N R20½W in N. half;
S27 in NE., and
S34 in SE. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Land, rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood.
Mar. 24, 1916: At this cor., I set off 1° 32' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 47' N.

Chains.	
	N.0° 1' W., bet. secs. 26 and 27.
	Over rolling land, through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, on solid rock, 13 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap 1916 on S. rim; ¼S27 in W. and S26 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
41.20	Center of wash, 60 lks. wide, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on bed rock, 17 ins. in a mound of stone, for cor. of secs. 22, 23, 26 and 27, marked on brass cap 1916 on S. rim; T16½N R20½W in N. half; S22 in NW., S23 in NE., S26 in SE. and S27 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling desert.
	Soil, rocky; 4th rate.
	No timber.
	Undergrowth, greasewood.
	Mar. 24, 1916.

	Mar. 25, 1916.
	S.89° 56' E., on a random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 16 lks. S. of the cor. of secs. 23, 24, 25 and 26,
	Thence I run
	S.89° 57' W., on a true line, bet. secs. 23 and 26.
	Over rolling land, through scattering undergrowth.
33.95	Wash, 40 lks. wide, course SW.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, 16 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap 1916 on S. rim; ¼S23 in N. and S26 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
80.06	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling desert.
	Soil, rocky; 4th rate.
	No timber.
	Undergrowth, greasewood.
	Mar. 25, 1916.

	Mar.24, 1916.
	West on a true line, bet.frac. secs. 22 and 27.
	Over rolling land, through dense undergrowth.
39.38	Intersect E.bdy.of Frac.T.16 N., R.21 W., 3.60 chs.S.of cor. of secs. 1 and 12, which is a malpais stone, set in a mound of stone, marked and witnessed as described by the Surveyor-General.
	At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on bed rock, 10 ins. in a mound of stone, for closing cor. of fractional secs. 22 and 27, marked on brass cap 1916 on S. rim;

Chains.

CC W. of center;
T16½N R20½W in N. half;
S22 in NE., and
S27 in SE. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Land, rolling desert.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood.

N.0° 1' W., on a true line, bet. sec. 23 and frac. sec. 22.
Over rolling land, through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on bed rock, 18 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S22 in W. and
S23 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

83.71 Intersect Fourth Standard Parallel North, 0.22 chs. E. of the standard cor. of secs. 31 and 32, T. 17 N., R. 20 W., which is a lava rock, 6 X 10 X 6 ins. above ground, marked and witnessed as described by the Surveyor-General.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of sec. 23 and frac. sec. 22 [illegible], marked on brass cap
1916 on S. rim;
CC S. of center;
S32 in N. half;
R20½W S23 in SE. and
T16½N S22 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
Land, rolling desert.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood.

R. D. A.
Mar. 24, 1916.

GENERAL DESCRIPTION.

This fractional township consists of rolling and level land, covered with greasewood undergrowth, and strewn with lava rock. Drainage is to the south west.

There are no settlers, nor is there any water in the township.

[illegible]

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7 For Certificate of U.S.Surveyor and U.S.Transitman
see page II, Book "B" of this Group.

FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 2955

I, ..., U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for ..... bearing date of the ..... day of ....., 191 , 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 .....

..... of the .....

..... Meridian, in the State of ....., which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear 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 for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

.....
U. S. Surveyor.

Subscribed by said ....., and sworn to before me this ..... day of ....., 191

.....

SEAL

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona April 10, 1917.

The foregoing field notes of the survey of the
Subdivision lines of
Fractional Township 16½ North, Range 20½ West
of the Gila and Salt River Base & Meridian,
in the State of Arizona.

executed by Albert Smith Jr., U.S.Surveyor & Ray D.Armstrong, U.S.Transitman under special instructions dated December 28, 1914 for Group 42 Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank D Frost
Surveyor General.
of Arizona.

~~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.*~~

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