

### United States Department of the Interior



BUREAU OF LAND MANAGEMENT Arizona State Office One North Central Avenue, Suite 800 Phoenix, Arizona 85004-4427 www.blm.gov/az/

August 19, 2009

In Reply Refer To: 9600 (9560) Group No. 1059

#### Memorandum

To:

Group Administrator, Land and Minerals Operations

Group Administrator, Public Information and Records Services

From:

Stephen K. Hansen Stephen K. Hamen

Chief Cadastral Surveyor

Subject:

Notice of Lifting of Suspension and Cancellation of a Portion of a Survey

Effective this date, on the following listed survey, the suspension of a portion of the following listed survey plat is lifted and a portion of the survey is now cancelled. The memorandum of Notice of Suspension of a Portion of a Survey Plat was dated June 16, 2009.

The Survey of the Second Guide Meridian East through Townships 30, 31 and 32 North, Gila and Salt River Meridian, Arizona, Township Exteriors plat and notes, approved July 26, 1905.

This cancellation is necessary because new surveys have shown the previous surveys to be substantially out of rectangular limits, there have been almost no land actions based upon the previous surveys, and if the previous alignment of the Second Guide Meridian East through these townships is used for current and ongoing surveys, the original survey scheme for multiple townships would be unnecessarily complicated. Recovered monuments from past surveys will be amended and ties will be made to those corners in the new field notes in the unlikely event that the old alignment would ever need to be reconstructed. The lands are located within the Navajo Indian Reservation.

The portion that is now cancelled is between the recovered corner of Townships 29 and 30 North, Ranges 8 and 9 East, now designated as the corner of Townships 29 and 30 North, Range 8 East, and the recovered closing corner of Townships 32 North, Ranges 8 and 9 East, on the Eighth Standard Parallel North. During the new survey, under Group No. 1059, Arizona, corners

for Township 30, 31 and 32 North, Range 8 East, will be established at 40.00 and 80.00 chain intervals, between the two corners mentioned, on the new Second Guide Meridian East, with the excess or deficiency in the most northern half mile. Closing corners can then be established in Townships 30, 31 and 32 North, Range 9 East at intersection with the new Second Guide Meridian East.

The following notation will be made on the survey plat:

"The Survey of the Second Guide Meridian East through Townships 30, 31 and 32 North, Gila and Salt River Meridian, Arizona, Suspension Lifted and A Portion Cancelled, August 20, 2009, per Memorandum File No. 9600, Group No. 1059, AZ"

A copy of this memorandum will be placed at the front of the original field notes, Book 1859, located at the Arizona State Cadastral Survey Office.

Your records should also be appropriately noted.

cc: State Director, Eastern States Office
(ESO-960-1)

Bureau of Indian Affairs, Navajo
Regional Office
Attention: Branch of Real Property,
Realty Officer
Mr. Mike Halona III, Navajo
Land Department
Project Manager, Navajo Cadastral
Survey Project Office

# 1859 Brok "Q" FIELD NOTES

BOOK 1859

#### OF THE SURVEY OF THE

-	2nd. Guide Mer. East, Through Tps. 26, 27, 28, 29,	30-,31-	and
٦.	32 N., and the 3rd. Guide Mer. E. ( N. two miles,)	through	gh
	Tp. 32 N., Bet. Rs. 12 and 13 E.	<b>.</b>	
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		we:	
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	<del></del>		A CONTRACTOR OF THE CONTRACTOR
	Of the Gila & Salt River Base & Mer	idian,	
	AS SURVEYED BY		
	Philip Contzen, United State	s Deput	y Surveyor
	Under his Contract No. 124 dated Dec. 12, 1904.		
<i>.</i>	Survey commencedMarc 25th, 1905.		, 189
	Survey completedApril 19th, 1905.		

#### NAMES AND DUTIES OF ASSISTANTS.

William Rengla	chainman
Fred Tagles	chainman chainman
Levrge a. Fawley	chairman
dill Kerrick	chainnan
ague	moun aman
Massuel Valazar	
- Mussel Valazar	ax eman
James B. Buler	flag man
	gung wan
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Township 32 M, R. 12 E.

#### BOOK 1859

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92 (C) 1859 PRELIMINARY OATHS	S OF ASSISTANTS.
WE William Sounda	and Fred Jagles George a. Hawley
do solemnly swear that we will well and faithfully executain over even and uneven ground, and plumb the tally	ate the duties of chainmen: that we will level the
chain over even and uneven ground, and plumb the tally	pins, either by sticking or dropping the same; that
we will report the true distances to all notable objects,	•
measuring, to the best of our skill and ability, and in acco	ordance with instructions given us, in the survey of
2nd Guide Meridian & through J	20. 26-27-28-29-30-31-32-11
Rs. 8 and 9 E and 3 2 Guide Merica	lian E. through Jos. 32 11. Rs. 124/38
	J. Stergla, Chainman.
	Gred Tagles, Chainman.
Subscribed and awarm to hefere me this	George & Hawley choiman Herrick chairman
Subscribed and sworn to before me this	1. Services
day of	
XXXXXXX W SEAL W	J. Gower
WE, athur Caque	and.
do solemnly swear that we will well and truly perform	
of corners, according to the instructions given us, to t	
2nd Guide Meridian & through J	
und 329 Gude Meridian 6. th	mongh Jps 32 / Ro 12 4/3 E
	Tothur Co Quel, Moundman.
	$\mathcal{C}$
	$m{A}$ $m{A$
Subscribed and sworn to before me this 20	<b>★</b>
day of March, 18905	y. G. Pours
<b>KEEE</b>	J. G. Vours
** SEAL (**	· · · · · · · · · · · · · · · · · · ·
We, Manuel Salazay	
VE, Manuel X acan ay	and
do solemnly swear that we will well and truly perform the and other duties, according to instructions given us, to	
2 nd Lucle Mericlian E. Through	The 26-27-28-29-30-31-32. M
Rost 9 & and 3 19 bende Merid	ran & through Sper 32 M. Ro124/3 E
· · · · · · · · · · · · · · · · · · ·	Manuel Salazes, Axman.
	$\mathcal{O}$
	, Axman.
Subscribed and sworn to before me this 20 m	
day of March, 18905	V 2 0
Were	M. G. Power
SEAL ()	
1 B B (1.	
I, James Co. Bally	do solemnly swear that I will well and truly
perform the duties of flagman according to instructions g	given me, to the best of my skill and ability, in the
survey of Panda & and grad for	ough Tes 26-27-28-29-30-31-32/1. de Mer. E. through Tes 32 4. Con2+13.
	James B. Boley, Flagman.
The state of the s	, Flagman.
Subscribed and sworn to before me this	V
day of, 18905	y G Paus
/ · · · / · · · · / · · · · · · · · · ·	y. J. Vower
SEAL (M)	·
6—151	

Survey of the Second Guide Mer. E. Thro. Tps. 26-27-28-29-30-31-32 N.

Chains,

Through Tp. 26 N. Survey commenced March 25th, 1905, and executed with a Young and Sons Light Mountain Solar Instrument No. 5607 which was duly examined by the Surveyor-General at Phoenix Arizona and approved.

The gorizontal limb is provided with two double verniere placed opposite to each other reading to minutes of arc which is also the least count of the verniers of the latitude and declination arcs.

I examine the adjustments of the instrument, correcting and adjusting the level and collimation errors then to test the Solar apparatus by comparing its indications resulting from solar observations made during a. m., and p. m., hours with a true meridian determined by observations on polaris, I proceed as follows,

On March 25th, at 3. 30 p. m., by my watch at the Standard Cor. to Tos. 25 and 26 N., Rs. 8 and 9 E., in Lat. 35°3514' N., Long. 111° 28' W., I set off 35° 36' N., on the lat. arc and 1° 51' N., on the decl. are and determine a meridian with the Solar,

and mark a point thereof by a stone set firmly in the ground, 5 chs. N. of my station. At 7 hours 9 mins., p. m., I observe polaris at western elongation in accordance with the manual of surveying instructions and mark a point on the line thus determined on a plug driven in the ground 5 chs. N. of the Cor.

March 25th, 1905.

March 26th, at 7 hours, 30 mins. a. m., 1. m. t., I lay off the azimuth of Polaris 1° 25'1/2° to the E., and mark the meridian thus determined by cutting a small groove 1/2 the stone set last evening on which the meridian falls 0. 19 ins., W. of the meridian, determined from the observation with the Solar.

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At 8 a. m., 1. m. t., I set off 35° 36' N., on the lat. arc and 2° 08' N., on the decl. are and determine a meridian with the Solar and mark a point thereof by a cross on the stone already set 5 chs. N. of my station.

This mark falls 0. 2 ins., W. of the mark established by the Polaris observation.

From the above results I conclude that the adjustments of my instrument are satisfactory.

The magnetic bearing of the true meridian reduced

by the table give the mean mag. dec. as 14° 05' E.

Thence from the Standard Cor. to Tps. 25 and 26
N., Rs. 8 and 9 E., ( which cor. was established by me under my contract No. 90, and is a limestone properly set and marked with a mound of stones 3. of the Cor. ). I run North on a true line, bet. secs. 31 and 36, through Tp. 26 N. Over gently rolling land.

Difference between measurements of 40.00 chs., two sets of chainmen is 6 lks. position of middle point by

1 st set 40.03 chs.

By 2nd set, 39.97 chs.; the mean of which is Set a limestone, 18 x 12 x 8 ins., 12 inc., in the ground for 1/4 sec. cor. marked 1/4 36 on the W., and 31 on the E. faces; and raised a mound of stones 2ft. base 1 1/2ft. high, W. of Cor. Pits impracticable.

Difference between measurements of 80. chs., by two sets of chainsen is 8 lks., position of middle point

By 1st set, 79.96 chs., v

40.00

1

The 2nd Guide Meridian East, Thro. Tp. 26 N. Bet. Rs. 8 and 9 E.

By 2nd set 80.04 chs., the mean of which is Chs. Set a limestone, 18 x 10 x 6 ins., 12 ins., in the ground for the cor. of secs. 25, 30, 31 and 36 marked 80.00 with. T. 26 N., on N. E. R. 9 E., on the S. E.

R. 8 E., on the S. W. faces; with 5 notches on the N. and 1 notch on the S. edges; dig pit; 18 x
18 x 12ins., in each section, fft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of (or. Land gently rolling. Soil gravelly and 3rd rate. Timber scattering Timber. North bet. secs. 25 and 30. Over level land Difference between measurements of 40. chs. by two sets of chainmen is 8 lks., position of middle point by 1st set is 40.04 chs. By 2nd set 39.96 chs., the mean of which is Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 25 on W., and 30 on E. faces: dig pits, 18 x 18 x 12 ins., N. and 3. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of the Cor. 40.00 6 J Difference between measurements of 80 chs. by two sets of chainmen is 6 lks. position of middle point,

By 1st set is 80.03 chs.

By 2nd set, 79.97 chs., the mean of which is

Set a limestone, 18 x 7 x 6 ins., 12 ins., in the

ground for the corner of sections, 19, 24, 25 and 30, 80.00 marked T. 26 on N. E.
R. 9 E., on the S. E.,
R. 8 E., on the S. W. faces; with 4 notches on the N. and 2 notches on the S. edges; dig pits, 18 x 18 x 12 ins., in each section 4 ft. dist., and raise a mound of earth of ft. base, 2 ft. high, W. . of the corner. Land gently rolling. Toil 2nd rate. Timber scattering timber. North bet, sees, 19 and 24. Over gently rolling land. 24.20 Descend. Deep sink at foot of abrupt cliff bears 5 chs. E. 26.00 Foot of descent bears N. E. and S. W. 29.00 Enter valley. Difference between measurements of 40.00 chs. by two sets of chainmen is 8 lks., position of middle point By 1st set, 40.04 chs.

By 2nd set, 39.96 chs., the mean of which is

Set a limestone, 19 x 6 x 5 ins., 14/1/2 ins., in the

ground for 1/4 sec. cor. marked 1/4 24 on the W., and

19 on the E. faces, and raised a mound of stones 2

ft. base, 1 1/2 ft. high, W. of the Cor. Pits imprace

Dry creek, 50 lks. wide, course N. E.

Difference between measurements of 80. chs., by two

sets of chainmen is 6 lks. position of middle pt.

Rv 1st set 79.97 chs. 40.00 Pits impract. 68,00 By 1st set 79.97 chs.,

By 2nd set 80.03 chs., the mean of which is

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

for the corner to sections 13, 18, 19 and 24, marked 80.00 with, T. 26 N., on N. E. R. 9 E., on the S. E.  $\checkmark$ 

Chs.

615

40.00

62**,** 00

80.00

5/3

R. 8 E., on the S. W. faces: with 3 notches on the N. and S. edges: dig pits, 18 x 18 x 12 ins., in each section, 5% ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of the corner. earth 4 ft. base, 2 ft. Land rolling and level. Soil gravelly and stony; 3rd and 4th rate. Timber scattering cedar.

March 26th, 1905.

March 27th— At 8 a. m., l. m. t., I set off 35° 39' N. on the Lat. arc 2° 312' N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 13, 18, 19 and 24, thence I run, North bet. secs. 13 and 18.

Over level land.

Difference between measurements of 40. chs. by two sets of chainmen is 4 lks.; position of middle point

By 1st set, 39.98 chs.,

By 2nd set, 40.02 chs., the mean of which is set a \*\*immestone, 18 x 8 x 6 ins., 12 ins., in the ground for 1/4 sec. cor., marked 1/4 13 on the W., and 18 on the E. faces: dug pits, 18 x 18 x 12 ins., N. and S., of stone, 3 ft. dist. and raise a mound of earth 2 ft. base, 1 1/2 ft. high, W. of cor.

Leave valley, bears north-easterly and south-westerly and begin steen ascent over money ground.

57.00 and begin steep ascent over rocky ground.

Top of high rolling mesa bears north-easterly and south-

westerly. Difference between measurements of 80. chs., by two sets of chainmen is 14 lks., position of middle point,

By 1st set, 80.07 chs.

By 2nd set, 79.93 chs.; the mean of which is,

Set a timestone, 18 x 8 x 8 ins., 12 ins., in the ground

for the cor. of secs. 7, 12, 13 and 18, marked

T. 26 N., on N. E.,

R. 9 E., on the S. E. and
R. 8 E., on the S. W. faces with 2 notches on
the N. and 4 notches on the S. edges and raise a mound
of stone 2 ft. base, 1 1/2 ft. high, W. of the Cor. Pits impracticable.

Land level and rolling.

Soil gravelly and rocky, 3rd rate. No timber.

NOTE- At the Cor. just above established at 12 of clock noon I set off 2° 35'/S., on the decl. are and observe the Sun on the meridian the resulting latitude 1s 35° 39'.N.

North bet secs. 7 and 42. Over rolling land.

Difference between measurements of 40. chs., by two

sets of chainmen is 8 lks., position of middle point,

By 1st set, 40.04 chs.,

By 2nd set, 39.96 chs., the mean of which is

Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the

ground for 1/4 sec. cor. marked 1/4 12 on the W. face,
and 7 on the E. face, andraise a mound of stones 2 ft.

base, 1 1/2 ft. high, W. of the cor. pits impracticable.

Difference between measurements of 80.00 chs., by two Difference between measurements of 80.00 chs., by two sets of chainmen is 10 lks., position of middle point,

By 1st set, 79.95 chs.,
By 2nd set, 80.05 chs., the mean of which is
Set a simestone, 19 x 7 x 5 ins., 15 ins., in the ground for corner of sections 1, 6, 7 and 12, marked,

80.00

40.00

Second Guide Mer. East, Thro. Tp. 26 N. Bet. Rs. 8 and 9 E.

T. 26 N., on the N. E.  $^{1}$  R. 9 E., on the S. E. and  $^{2}$ Chs. OK R. 8 E., on the S. W. faces: with 1 notch on N., and 5 notches on S. edges; and raised a mound of stones 2 ft. base, 1 1/2 ft. high, W. of the Cor. impracticable. Land rolling and level. Soil, gravelly and stony 2nd and 3rd rate. No timber. North Det. secs. 1 and 6. Over gently rolling land. 23.00 35.00 Foot. Draw, 2 chs. wide, course north-westerly.
Difference between measurements of 40.00 chs., by two 36,00 sets of chainmen is 8 lks., position of middle point, By 1st set, 39,96 chs. By 2nd set, 40.04 chs., the mean of which is set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 l'on the W. and 6 on the E. faces, and raised a mound of stones, 2 ft. base, 40.00 1.15 1 1/2 ft. high, W, of cor. Pits impracticable. 41.00 Top of sandstone knoll and descend. 43.00 Foot and enter valley bears north-easterly and southwesterly. Difference between measurements of 80. chs., by two sets of chainmen is 10 lks., position of middle point, By 1st set, 80.05 chs., By 2nd set, 79.95 chs., the mean of which is Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for the Cor. of Tps. 26 and 27 N., Rs. 8 and 9 E., 80.00 marked, T. 27 N., on the N. E., T. 26 N., on the S. W. and R. 8 E., on the N. W., faces, with 6 notches on each edge; dug pits, 22 x 28 x 12 ins., on each line, N. E. and W., 4 ft., and S. of stone, 8 ft., dist., and raise a mound of earth 5 ft. base, 2 1/2 ft. high, S. of Cor. R. 9 E., on the S. E. Land rolling and level. Soil, gravelly and stony; 3rd and 4th rate. No timber. March 27th, 1905. 2nd. Guide Mer. E. Through To. 27 N. dr 8 AM March 28th, 1905, At the Cor. just previously set, I lay off 2° 55 N., on the decl. arc., 35° 42° N., on the lat. arc., and determine a meridian with the solar, Thence I run, North on a true line on the 2nd Guide Mer. E. hat seeks 21 and 26° N. Mer. E., bet. secs. 31 and 36 bhirth hs. 8 and 9 E. Over level land. 7.00 Begin ascent from valley. 13.00 Top of ridge, bears easterly and westerly and descend. 20.00 Foot, thence over level land. Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point By 1st set, 39.95 chs. By 2nd set, 40.05 chs., the mean of which is, Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 36 on the W. and 31 on the E. faces, dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of the Cor. Difference between measurements of 80.00 chs., by two sets of chairmen is 8 lks. nosition of middle point 40.00 O.M. sets of chainmen is 8 lks., position of middle point, By 1st set, 80.04 chs.,

By 2nd set, 79.96 chs., the mean of which is set a limestone, 19 x 7 x 5 ins., 14-1/2 ins., in the ground for the cor. of secs. 25, 30, 31 and 36, marked with 2 notches n the S. and 5 notches on the N. edges; dig pits, 18 x 18 x 12 ins., in each sec. Inft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. Chs. 80.00 of the cor.
Land level gently rolling and mountainous. Soil gravelly and stony; 2nd, 3rd and 4th rate. No timber. Mountainous land 13.00 chs. North bet. secs. 25 and 30. Over level land. Difference between measurements of 40.00 chs., by two sets of chainmen is 6 lks., position of middle point, By 1st set, 40.03 chs.

By 2nd set, 39.97 chs., the mean of which is,

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the
ground for 1/4 sec. cor. marked 1/4 on the W. face, dug
pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft.

diet and raise a mound of earth 3 1/2 ft., base. 1 40.00 dist, and raise a mound of earth 3 1/2 ft., base, 1 1/2 ft. high, W. of the Cor. 72.00 Descend. 73.00 74.00 Foot and ascend. Top bears northwesterly and south-easterly. 76.50 Descend. Foot and enter valley bears N. W. and S. E. 79.00 Difference between measurements of 80.00 chs., by two sets of chainmen is 10'lks., position of middle point, By 1st set, 79.95 chs.,

By 2nd set, 80.05 chs., the mean of which is,

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

for the corner to sections 19, 24, 25 and 30, marked

with 2 notches on the S. and 4 notches on the N. edges;

dig pits, 18 x 18 x 12 ins., in each section of ft. dist,

and raised a mound of earth 4 ft. base. 2 ft. high. W. 80.00 010 and raised a mound of earth 4 ft. base, 2 ft. high, W. of the Cor. Land level and mountainous. Soil gravelly and stony 3rd and 4th rate. No timber. Mountainous land 7.00 chs. North bet. secs. 19 and 24. Over level land. Difference between measurements of 40. chs., by two sets of chainmen is 8'lks., position of middle point, By 1st set, 40.04 chs.,

By 2nd set, 39.96 chs., the mean of whie is,

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

for 1/4 sec. cor. marked 1/4 on the W. face, dig pits,

18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist.,

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.

high W of the Cor. 40.00 OK high, W. of the Cor. Difference between measurements of 80. chs., by two sets of chainmen is 6 lks., position of middle point, By 1st set, 79.97 ens., By 2nd set, 80.03 chs., the mean of which is set a limestone, 19 x 7 x 5 ins., 14 1/2 ins., in the ground for the cor. to secs., 13, 18, 19 and 24, marked with 3 notches on the N. and S. edges; dig pits, 18 x 18 ins., in each section 4ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of the Cor. Land level and gently rolling 80100 015 Land level and gently rolling. Soil, sandy and 4th rate. No timber.

March 28th, 1905.

(6)

The 2nd. Guide Mer. E. Through Tp. 27 N. Bet. Rs. 8 and 9 E.

March 29th, at 8 a. m., 1. m. t., by my watch which has correct 1.4 m. t., I set off 35° 44' N., on the lat. ard and 3° 18' N., on the decl. are and at the cor. of secs. 13, 18, 19 and 24, just previously set by me determine a meridian with the Solar. Chs. Thence I run, North bet. sees. 13 and 18. Over gently rolling land. Difference between measurements of 40. chs., by two sets of chainmen is 8'lks; position of middle point By 1st set, 39.96 chs., By 2nd set, 40.04 chs., the mean of which is Set a limestone, 18 x 6 x 5 dns., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, dig pits 18 x 18 x 12 ins., N. and 3. of stone, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. 40.00 high W. of the Cor. Difference between measurements of 80. chs., by two sets · of chainmen is 10 lks. , position of middle point By 1st set, 80.05 chs.,
By 2nd set, 79.95 chs., the mean of which is
Set a limestone, 18 1/2 x 7 x 5 ins., 12 1/2 ins., in 80.00 the ground for the corner to sees. 7, 12, 13 and 18, marked with 2 not hes on the N. and 4 notches on the 310 S. edges; dig pits, 18 x 18 x 12 ins., in each sec.

5/2ft. dist. and raise a mound of earth 4 ft. base, 2 ft high, W. of Cor. Land gently rolling. Soil, sandy and 4th rate. No timber. Note- at the above corner at 12 noon, 1. m. t., I set off 3° 21'N., on the decl. are and observe the Sun on the meridian, the resulting latitude is 35%; 45' N. North bet. secs. 7 and 12. Over gently rolling land. 39,00 Descend. Difference between measurements of 40.00 chs., by two sets of chainmen is 6 1ks., position of middle point, By 1st set, is 40.03 chs., By 2nd set, 39.97 chs., the mean of which is, Set a limestone, 18 x 6 1/2 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, 40.00 2/1 W. of the cor. Pits impracticable. 42.00 Foot and ascend. 43.50 Top bears easterly and westerly and descend. Foot thence over level land. 47.00 Difference between measurements of 80. chs., by two sets of chainmen is 8 lks., position of middle point, By 1st set, 79.96 chs., By 2nd set, 80.04/chs., the mean of which is
Set a limestone, 18 x 6 x 5 ins., 12 ins., in the round
for the representations 1, 6, 7 and 12, marked with
5 notches on the S. and 1 notch on the N. edges; dig pits
18 x 18 x 12 ins., in each sec. Aft. dist. and raise
a mound of earth 4 ft. base, 2 ft. high, W. of Cor.
Land rolling and level. Soil grayelly 3rd rate. 80.00 015 Land rolling and level, Soil gravelly 3rd rate. No timber. ----- O .... North bet. secs. 1 and 6. Over level land. Trail bears north-westerly and southeasterly. 4.00 Difference between measurements of 40. chs., by two sets of chainmen is 4 lks., position of middle pt.

The 2nd. Guide Mer. E. Through Tp. 27 N. Bet. Rs. 8 and 9 E.

(concluded)

```
By 1st set, 40.02 chs.

By 2nd set, 39.98 chs., the mean of which is,

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

for 1/4 sec. cor. marked 1/4 on the W. faces, dig

pits, 18 x 18 x 12 ins., N. and 3. of stone, 3 ft. dist.,

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
  Chs.
 40.00
                 high, W. of the cor.
                 Difference between measurements of 80.00 chs., by two
                sets of chainmen is 8 lks.; position of middle point,

By 1st set, 79.96 chs.,

By 2nd set, 80.04 chs., the mean of which is

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

for the Cor. to Tps. 27 and 28 N.; Rs. 8 and 9 E.,
  80.00
               marked
                          T 28 N., on N. E
                           T 27 N on S W
               R 8 F on N. W. faces, with 6 notches on each edged dig pits, 24 x 24 x 12 ins., on each line, N. E. and W., 4 ft., and S. of stone, 2 ft. dist. and raise a mound of earth 5 ft. base, 2 1/2 ft. high, S. of the Cor. Land level and gently rolling.
                Soil gravelly; 2nd and 3rd rate.
                No timber.
                              The 2nd. Guide Mer. E. Through Tp. 28 N. Bet. Rs. 8 and 9 E.
                North bet. secs. 31 and 36. Over gently rolling land.
27,60
                Begin steep desent.
29.70
                Foot, bears easterly and westerly and ascend.
                Top bears easterly and westerly and begin gradual des-
31.00
                ¢ont.
                Difference between measurements of 40.00 chs., by two sets of chainmen is 10 lks., position of middle point
                           By 1st set 40.05 chs.,
               By 2nd set, 39.95 chs., the mean of which is, set a limestone, 19 x 7 x 6 inc., 14 1/2 ins., in the ground for 1/4 sec. cor., marked 1/4 on the W. face, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor.

Pits impracticable.

Difference between measurements of 20, who low two
 40.00
                Difference between measurements of 30. chs., by two
                sets of chainmen is 6 lks., position of middle point,
               By 1st set, 79.97 chs.

By 2nd set, 80.03 chs., the mean of which is,

Set a limestone, 18 x 14 x 5 ins., 12 ins., in the

ground for the control sections to, 30, 31 and 36,

marked with 5 notches on the N. and 1 notch on the sections and 2 ft base 11/2
 80.00
    6 K
     edges; and raise a mound of stones, 2 ft. base, 1 1/2
                ft. high, W. of the Cor.
                Pits impracticable.
                Land gently rolling.
                Soil gravelly and stony; 3rd and 4th rate.
               No timber.
                                                                    March 29th, 1905.
```

March 30th, 1905, at 8 a. m., l. m. t., I set off 35° 47' N., on the Lat. arc and 3° 41'1/2' N., on the declare and determine a meridian with the solar, at the cor. of secs. 25, 30, 31 and 36. Thence I run, North bet. secs. 25 and 30. Over gently rolling land.

The 2nd. Guide Mer. E. Through Tp. 28 N. Bet. Rs. 8 and 9 E.

230	Descend gradually.	
Chs.	pifference between measurements of 40. chs., by two sets	
1	pirrence between measurement of middle noint	
	of chairmen is 6 lks; position of middle point,	
	m 1-4 mot 20 07 chg.	-
	The condition of the condition that the condition is	
İ	set a limestone, 24 x 8 x 4 ins., 18 ins., in the ground	
40.00	Set a limestons, 24 x 8 x 4 line, 10 line, 11 modern	
1	1 a mark and the members of the fill th	
1 to	101 1/1 of theman 2 ft have 1 1/2 ft. high. We of	
1 46	a mound of stones 2 ft. base, 1 1/2 ft. high, W. of	
	the Cor.	
	I was a summanad amist o	
	The second booms works apported to MIC DUMINER COVER	
57.70	Road to Tuba City bears north-saturation	
	erly.	,•
0.4 00	gangetone Knoll, beers 20 lks. Le	
64.00		
72.30	Foot of descent and enter draw course easterly.	
77.30		
11.00	hand borden of part 9 grent.	
	1	
79.90	Top of riage bears easterly and wosterly	
	The hotelen managements of 804 Chs. by the	
	sets of chainmen is 10 lks., position of middle point	
	sets of chainmen is 10 1ks., postulon of	
1 .	The same start was DO ON ONC.	
	By 1st set, 30.05 chs., the mean of whic is  By 2nd set, 79.95 chs., the mean of whic is  Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground	
	by allo so the ground	,
80.00	Set a limestone, to X ( X ) line, the transfer morning	
1		
p /	With 4 housings on the seas 1 1/2 ft. high.	
211	I and maine a mound of Stones. X It. Daso: I I/A	
	W. of the Cor.	
	nd - dwmmo.atd.achla	
1	Pits impracticable.	
	Land rolling.	
	Soil gravelly and stony; 3rd rate.	
İ	The Admin one	
	No timber.	
1	the first and th	
	North bet; secs. 19 and 24.	
	NOT BE BOOK SOME	
	Over level land.	
4.0	O Ascend.	
6.0	Top bears N. F. and S. W. and descend.	
8.5	O Foot.	
9.0	o Praw, 1 chain wide, course N. E. and ascend.	
10.5	d man hagne N N and S. W. and descende	
	A A A A A A A A A A A A A A A A A A A	
14.0		
15.0	o Trail bears north-easterly and south-westerly.	
17.0	d read Amor and heath cteen ascent.	
19.0	TON OF TIMES DOWN	
	and descend steeply.	
20.0	d posts andust descent over gently rolling land.	
&∪•∪	nigonaman haimaan maaguramants of 40,000 cubs of	
	Dilitarance no another months of middle noint	
	sets of chainmen is 16 lks., position of middle point	
1	Dv 1a+ apt. 35.95'Ch8.	
	I would not sold the mean of which is	
	By and see, to a stra 12 ing in the groun	đ
40.0	set a limestone, 18 x 6 x 5 ins., 12 ins., in the groun	
-		1
6.2	a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of	
	R INQUIR OI, BUCHOS, A TO SCHOOL TO	
1	the company Pits impracticable.	
62.5	- A most been north-easterly and south-westerly.	
02.5	Difference between measurements of 80. chs., 13 8 1ks.,	i .
	DILIGIEG De moort work	
	position of middle point,	100
	The last age 70 96 chg.	1 -1
	no and not so of the mean of which is	
80.0	Of Set a limestone, its X 4 x 3 interpretation in the interpretation of the interpretati	4.
	the amound for the corner to secutions to to to aim b.	- y
(to	all managers and by the topics on the car bill he carbonic and	
	pits, 18 x 18 x 12 ins., in each sec. 5% ft. dist., and	
	pits, 18 x 18 x 12 1115., 111 5001 500.	•
	The market of govern A The Dasse & The Habite to Ville	
	cor. Land gently rolling, Soil gravelly and stony.	
	COL. Harry Poursel and Je UV Opping	
1	Mountainous land 15.00 chains.	Α .
	NOTE- Observation for latitude this day impossible	-
l	owing to cloudy weather.	
		*

		Bet. Rs. 8 and 9 E.	
	Chs.	North bet. secs. 13 and 18.	Γ
	0115	Over level land.	l
	15.00	Begin steep ascent.	
	18.00	Top bease north-easterly and southwesterly.	
	21.00	Descend.	
	22.00	Foot.	
	31.00	Ascend.	
	34.00	Top bears easterly and westerly.	
		Difference between measurements of 40 che by two	
		Sees of Chainmen is 10 lks. position of middle noint	
	•	by ist set, 39,95 chs.	
	40.00	By 2nd set, 40.05 chs., the mean of which is	
	40.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground	ŀ
	0.17	for 1/4 sec. cor. marked 1/4 on the W. faces, and raise	l
		a mound of stones 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.	ļ
	55.00	Begin steep ascent.	١.
	58.00	Top of opur bears E. and W.	
	60.00	Descend	
	62.50	Foot, deep gulch, 1.50 chs., wide, course easterly and	
		ascend steep bank.	
	64.00	Top bears E. and W.	
	65.50	Descend abruptly, 100 ft.	
į	67.00 68.00	Canon, 1 chain wide, course E. and ascend.	
	71.00	Top bears N. E. and S. W.	
	75.00	Descend steeply.	
	. 0.00	Foot, gulch 1 ch. wide, course northeasterly and south-	
		Difference between measurements of 80, cha, by two	
		sets of chainmen is 14 lks., position of middle point	
	. •	By 1st set, 79.93 chs.	
		By 2nd set, 80,07 chs. the mean of which is	
	80.00	Set a limestone, 20 x 8 x 6 ins. 15 ins. in the ground	
	10 K	I IUI the corner to sections 7. 19. 17 and to America	
		With 2 notines on the N. and 4 notches on the standard	
		and raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor.	
		Pits impracticable.	
	ž.	Soil, recky and 4th rate.	
		No timber.	
	1	Mountainous land 65.00 chs.	
		the dark arm arm arm arm arm arm arm arm arm are arm are arm arm arm arm arm arm arm arm arm arm	
		North bet. secs. 7 and 12.	
	, .	Over mountainous land. Descending.	
	6.50	Foot draw I choin wide was a	
		Foot, draw, 1 chain wide, vouce north-easterly and ascend.	
	10.00	Top bears N. E. and S. W.	
	14.00	Descend steeply.	
	16.00	Foot and ascend.	
4	20.00	Top bears E. and W. and descend steeply.	
	21.50	Foot canon, 1 ch. wide. course north-easterly	
	22.50	Begin steep ascent. N. bank of Canon.	
	26.00	Top bears N. E. and S. W. and descend.	
	·	Difference between measurements of 40, chs., by two	
		sets of chainmen is 16 lks., position of middle point, By 1st set, 40.08 chs.,	
		By 2nd set, 39.92 chs., the mean of which is	
l	40.00	Sol a limestone. 18 x 7 x 5 ins. 12 ins. in the ground	
	6':	IOF 1/4 Sec. Cor. marked 1/4 on the WY face; and raise	
	النوا	a mound of stones, 2 ft. base, 1 1/2 ft. high we of the	
		corner, Pits impracticable.	
	57.50	Foot, and enter rocky draw, course north-easterly.	
	62.50 67.00	Leave draw and ascend.	
	72.00	Top of spur bears N. E. and S. W. and ascend.	
	79.00	Top of spur bears N. E. and S. W. and ascend.  Foot: thence over rolling land.	
		mono over torttilk rauge	
1	. 1		

The 2nd. Guide Mer. E., Through Tp. 28 N. Bet. Rs. 8 and 9 E.

Difference between measurements of 80. chs., by two Chs. sets of chainmen, is 14 lks., position of middle point By 1st set, 80.07 chs.,

By 2nd set, 79.93 chs., the mean of which is

Set a limestone 20 x 8 x 5 ins., 15 ins., in the ground 80'00 for the corner to sections 1, 6, 7 and 12, marked with 1 notch on the N. and 5 notches on the S. edges, and 9/5 raise a mound of stone, 2 ft. base, 1 1/2 ft. high, w. of the cor. Pits impracticable. Land mountainous. Soil, rocky: 4th rate. No timber. Mountainous land 80.00 chs. March 30, 1905. March 31st. At the above described corner at 8 a. m. 1. m. t., I set off  $4^{\circ}\sqrt{5}$  N., on the decl. arc., and 35° 51' N., on the lat. arc and determine a meridian At the above described corner at 8 a. m., with the Solar.
Thence I run, North bet, sees, 1 and 6.
Over rolling land. 33.00 Dry wash, I chain, wide, course westerly. Difference between measurements of 40. chs., by two sets of chainmen is 8 lks., position of middle point, By 1st set, 40.04 chs.,

By 2nd set, 39.96 chs., the mean of which is

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

for 1/4 sec. cor. marked 1/4 on the W. face, and raise 40.00 a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Trail, bears E., N. E., and S. S. W. Begin ascent, S. slope of high ridge. 56,80 60.00 66.00 Top bears easterly and westerly. Descend. 70.00 Foot. 75.00 Dry wash, I chain wide, course south-westerly. Difference between measurements of 80.00 chs., by two sets of chain en, is 10 lks., position of middle point

By 1st set, 79.95 chs.,

By 2nd set, 80.05 chs., the mean of which is,

At this point, I set a temporary closing corner for 80.00 Tps. 28 N., Rs. 8 and 9 E.; thence I proceed to run a blank line WEST for the purpose of finding the Stand. Cor. to Tps. 28 N., Rs. 6 and 7 E., situate on top of the Coconino Mountains, which is my starting cor. for the survey of the 7th Standard Parallel North, through Rs. 6 and 7 D., under special instructions dated May 15, 1902. After running several miles on my blank line I find that the Seventh Standard Parallel North, through Ranges 6 and 7 E., crosses numerous box canyons and high and inaccessible cliffs of the Coconino Mountains; therefore, I find it impracticable to survey said standard, and return to the tenporary corner (closing) to Tp. 28 N., Rs. 8 and 9 E., which I establish permanently as follows-Set a limestone, 19 x,7 x 5 ins., 1# 1/2 ins., in the ground, for closing cor. to Tps. 28 N., Rs. 8 and 9., marked C C T 28 N on S R 9 E on E and R 8 E on W faces; with 6 grooves on the S. E. and W., faces, and raise a mound of stones 2 ft. base, 1 1/2 ft. high, S/ of the Cor. Pits impracticable. Land rolling and mountainous. Soil, gravely and rocky; 3rd rate. No timber. Mountainous land 10.00 chs.

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The 2nd Guide Mer. E. Through Tp. 29 N. Bet. Rs. 8 and 9 E.

	Chs.	Trom the election
	OTES	From the closing corner just established by me, I
		run EAST on a true line and at 16.86 chs., I establish
		The Given and all at 10.88 cms., I establish
	1 1	the Standard Corner to Tps. 29 N., Rs. 8 and 9 E.,
	A 1	as follows.
	2	Set a limestone, 20 x 8 x 6 ins., 15 ins., in the
		mound for the key of the ins., in the
	*	1 Stourist for Standard Corner, marked
		S C 29 on N
	,	O SO OIL M
		9 E on E
		8 F on W Proper with a
		8 E on W faces; with 6 grooves on the N.,
		E., and W. faces; and raise a mound of stones 2 ft.
- 1		bare a large a mound of stones & ft.
		odse, I 1/2 it. high. No of the Cor.
- 1		Pits impracticable.
- 1		Tab Impide of Gapia.
- 1		Thence I run,
- 1		North bet good 12 and 50
- 1	•	North bet, secs. 31 and 36, on a true line,
- 1		Over mountainous land.
- 1		Ascending
- 1		Ascending.
- 1	10.00	Top of ascent bears E. and W. and descend.
- 1	16.00	
	17.00	Ascend.
- 1	-	
- 1	18.00	The same of the control of the contr
1	20.00	Foot
1		
- 1	21.00	
	30.00	Ton of ridge hanne contact
- 1		The state of the s
- 1	32.00	nescena.
- 1		
I	00,00	Top bears easterly and westerly.
	37.00	Begin steep descent.
- 1		
- 1		Difference between measurements of 40. chs., by two sets
- 1		of chainmen is 12 1ks., position of middle point,
- 1		of charmen is is its., position of middle point.
I		By 1st set, 39.94 chs.,
- 1		Day Owd and 40 00
- 1		By 2nd set, 40.06 chs., the mean of which is
1	40.00	Set a limestone. 18 x 6 x 5 king /10 inc
- 1	1.0	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground
- 1	oK.	1.4 $1.4$ $1.3$ $1.4$
- 1	100	a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the
		base, 1 1/2 It. nigh. We of the
	ĺ	VOLUME FIES INDINGETORDIA
- 1	47.00	FOOT Day work I show and I
	71.00	Foot. Dry wash, 1 chain wide, cours easterly.
	50.00	Ascend.
- 1	56.00	Top of ridge bears easterly and westerly, and begin des
	00.00	100 of ridge bears easterly and westerly, and hegin des
- 1		cent of N. slope.
- 1	64.50	Foot day made
- 1	04.00	Foot, dry wash, 45 lks. wide, course north-westerly.
	77.00	Dry wash. 50 1ks wide course north
	•	Dry wash, 50 lks. wide, course north-westerly.
		Dillerence between measurements of Rolling by two
	1	sets of chainmen is 10 1ks., position of middle point,
١.	i	on the last to the position of middle point.
1		By 1st set, 79.95 chs.,
		By 2nd gat 80 05 aba
	00 00	By 2nd set 80.05 chs., the mean of which is
-	00.00	obt a limestone. 18 x 8 x 6 ing. 19 ing the the command
-		for the corner to coeffee of the ground
1	et 1	for the corner to sections 25, 30, 31 and 36, marked
1		when I noted on the S. and b notches on the works of
	200	and raise a mound of change in one of the care st
1	I	and raise a mound of stones, 2 ft. base, 1 1/2 ft. high
1		W. of the corner. Pits impracticable.
- 1	.]	Land mountainous and broken.
-	į	The state of the s
1	. [	Soil stony and rocky: 4th rate.
	į į	No timber.
1		
1		Mountainous land, 71.00 chs.
1		VIII)
		No manufacture control and supplied control and contro
1	1	North bot. secs. 25 and 30.
1	ľ	Over mountainous land.
1		2. 27 morring Tolki
1	. 1	Descending.
-	5.10	Foot and ascend.
1		A OO O WING GOOTHIE
-	6.10	Tradi bears easterly and westerly.
1	21.85	Ascend.
1		
	26.00	Top bears N. W. and G. E. and descend.
		Poot and against
		Foot and ascend.
	29.10	Top and descend.
1	31.60	Boot sagna E and W
		Foot bears E. and W.
	32.40	Begin ascent S. slope of sand-stone ridge.
1	39.00	Ton home north contests tings.
	00.00	Top bears north-easterly and descend steeply.
-	I	Difference between measurements of 40. chs., by two sets
ı	i	of chatman de la land and another of 40. CHS., by two sets
1		of chainmen is 12 lks. position of middle point
1	I	Double Politic
1		

The 2nd. Guide Mer. E., Through Tp. 29 N. Bet. Rs. 8 and 9 E.

	Chs.	By 1st set, 39.94 chs.,
	0110	By 2nd set, 40.06 chs., the mean of which is
		by And South Town On Control of the Angelina in the ground
	40.00	Set a limestone, 20 x 8 x 5 ins., la ins., in the ground
	06/5	for 1/4 sec. cor. marked 1/4 on the W. face, and raise
	5 1 1	a mound of stones 2 ft. base, 1 1/2 ft. high, W. of
		the Cor. Pits impracticable.
	40 50	
	46.50	Foot, bears E. and W.
	47.00	Ascend,
	52.00	Top of ridge bears north-easterly and south-westerly
		and descend.
	55.00	Descend abruptly, 50 ft.
		Foot, dry wash, 70 1kg. wide, course W., north-westerly
	56,00	root, dry wash, /C IRN, witte, could be the south
	1	and begin ascent over large sandstone boulders.
	76.00	Begin steep descent.
	79.70	Foot, bears N. north-westerly and S. south-easterly.
		Difference between measurements of 80. chs., by two
	1	pili di dice de production de la constantia de middle noint
		sets of chainmen is 16 lks., position of middle point
		By 1st set, 80.08 chs.,
		By 2nd set, 79.92 chs., the mean of which is
	80.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
	00.00	for the corner to sections 19, 24, 25 and 30, marked
	1.7	TOT ONE COUNTRY OF DOCUTORS IN AT AN ARCHOR
	15/1	with 2 notches on the S., and 4 hotches on the N. edges.
		and raise a mound of stones, 2 ft. base, 1 1/2 ft.
		high. W. of the corner.
		Pits impracticable.
		Land mountainous.
		Soil, rocky and 4th rate.
		No timber.
		Mountainous land 80.00 chs.
		March 31st, 1905.
		0
		April 1st, at the corner just set, at 8 a. m., 1, m. t.,
		April 135, at the corner just sot, at o de me, is me we
		I set off 4° 28 VN., on the decl. arc and 35° 55° H.,
		on the lat arc and determine a meridian with the colar.
		Thence I run,
		North bet. secs. 19 and 24.
		Over mountainous land.
,		
	ļ	Doscending steeply.
	2.50	Foot, bears easterly and westerly and ascend.
	6.00	
	8.50	
	0.50	
		steep rocky ascent.
	11.30	
		steeply.
	17.00	Foot and Degin steep ascent.
	26.00	
		1/ -
	28.50	
	33.00	Begin steep ascent.
		Difference between measurements of 40, chs., by two sets
		of chairmen is 16 lks., position of middle point,
	1	By lst set. 39:92 chs.
		Dy and got AC Asycha, the mean of which is
	1	by and see a color of a line water of the second
	40.00	By 2nd set, 40.08 chs., the mean of which is set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground
	1 , .	1 for 1/4 sec. cor. marked 1/4 on the w. race and raise 1
	6/4	a mound of stones, 2 ft. base, 1 1/2 ft. nigh, W. of
		the corner.
	-	Pits impracticable.
	12 00	man the month operation and court have to a first and dec
	41.00	Top bears north-easterly and south-westerly and des.
	52.00	
		land.
		Fif erence between measurements of 80. chs., by two sets
		of chainmen is 8 lks., position of middle point,
		Dr. Cot oot 70 OC
		By 'st set, 79.96'
		By 2nd set, 80.04 chs., the mean of which is,
	80.0	o set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
		for the corner to sections 13, 18, 19 and 24, marked
	1911	with 3 notches on the N. and S. edges; dug pits, 18
		x 18 x 12 ins., in each section, of ft. dist., and
		raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
		Lates a month of agren a tre page, we re urall he of con-

The 2nd. Guide Meridian East, Through Tp. 29 Nº Bet. Rs. 8 and 9 E.

13

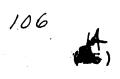
Chs. Land mountainous and rolling. Soil, rocky: 4th rate. No timber. Mountainous land 52.00 chs. North bet. secs. 13 and 18. Over rolling land. 17.00 Begin steep ascent of rocky ridge. 28.00 Top bears north-westerly and south-easterly. 31.00 Descend. Foot and ascend. 31.70 33.00 Top bears easterly and westerly and descend. 34.20 Trail bears easterly and westerly. Foot. 36,60 38,00 Ascend. 39.00 Top and descend. Difference between measurements of 40.00 chs., by two sets of chainmen is 6 1kr., position of middle point By 1st set, 39.97 cho., By 2nd set, 40.03 chs., the mean of which is Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground 40.00 for 1/4 sec. cor. marked 1/4 on the W. face, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. oot and ascend existing round marked we on whace and raise and of stoge zh base 1/4 high of ridge bears easterly and westerly. 41.00 43.30 From this point it is impracticable to chain for several miles across the Little Colorado River Box Canon and its tributaries owing to the height of the canon walls and the steepness of the country. Thereforc, I establish a triangulation point ( Station A). sfrom which station or point I sight due north to a flag (station B), across the impassible canons. From station A., I measure a base line, EAST, for a distance of 120, chs., (Station C), From this point (Station C) (Station A) bears S. 32° 19° W., Dist. A.B. - tang. 32° 19° or 1.58 x 120, equals 189.60 chs.,

43.30 chs., plus 189.60 chs., equals 232.90 chs., which is the distance from the corner to sees. 12. 18 · Hr which is the distance from the corner to sees the life with and wear where the sees of the sees of high Secs. 1 and 6, 7.10 chs., the distance necessary to reach the point for the cor. of Tps. 29 and 30 N., Rs. 8 and 9 E., which I establish, as follows—

Set a limestone, 19 x 8 x 5 ins., 1# 1/2 ins., in the ground, for the cor. of Tps. 29 and 30 N., Rs. Rs. 8 and 9 E., marked

T 30 N on N E

R 9 E on S E T 29 N on S. W.
R 8 E on N W faces; with 6 notches on each edge; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, S. of the corner. Pits impracticable.
The land bet. secs. 13 and 18, 7 and 12; 1 and 6, is traversed by rocky and impassible canons. Soil rocky and worthless. Timber, a few cottonwoods in the Littl: Colorado River canon. Mountainous land 240.00 chs. The 2nd. Guide Mer. E. Through Tp. 30 N. Bet. Rs. 8 and 9 E. North bet. secs. 31 and 36. Over level land. 6.00 Descend. Foot, dry wash, 30 lks. wide, course easterly and ascend. Top bears easterly and westerly and descend. 10.50 **15.**50



The 2nd. Guide Mer. E. Through T. 30 N. Bet. Rs. 8 and 9 E.

T	
Chs.	
1	l
23.15	
32.00	Top bears F. and W., and descend.
35.00	
35.00	rode and enter canon, course northerry.
	Difference between measurements of 40. chs., by two
	sets of chaimmen is 12 lks., position of middle point.
	By 1st set, 39.94 chs.,
	By 2nd set, 40.06 chs, the mean of which is
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W., face, and raise
_	for 1/4 sec con marked 1/4 on the W face and raice
1 6 1 K	
	a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of
,	the corner.
	Pits impracticable.
42 00	
43.00	
	volcanic cinders.
44.00	Top and descend.
45.00	
46.00	
47.00	Foot, dry wash, 40 lks. wide, course westerly and ascend.
49.00	
52.60	
1	
54.25	
	steep ascent.
58.00	_ Descend abruptly 50 ft., and enter bok canon course E.
60.00	Leave canon and begin steep ascent.
64.00	
69.00	- Foot, canon, 1 chain wide, course south-westerly.
70.00	
77.00	
79.80	
	Difference between measurements of 80. chs., by two
	sets of chainmen is 18 lks., position of middle point
	By 1st set, 80.09 chs.,
1	Dy Day and SO Oly of the
1	By 2nd set 79.91 chs., the mean of which is
80.00	Set a limestone, 20 x 8 x 5 ins., 15 ins., in the
	ground for the corner to secs. 25, 30, 31 and 36.
	marked with 1 notch on the S. and 5 notches on the N.
	advantage with the first and the state of th
	edges; and raise a mound of stones, 2 ft. base, 1 1/2
	ft. high, W. of the Cor.
	ft. high, W. of the Cor.
	ft. high, W. of the Cor. Pits impracticable.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.  April 1st, 1905.
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described cor ar of
	ft. high, W. of the Cor.  Pits impracticable.  Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described cor ar of
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correspond secs. 25, 30, 31 and 36, at 7. 30 a.m., 1.m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat.
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corresport of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar.
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corresport of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar.
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corresport of secs. 25, 30, 31 and 36, at 7. 30 a.m., 1.m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the late arc and determine a meridian with the solar, Thence I run,
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correr of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run.  North bet. secs. 25 and 30.
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 2nd, 1905, at the above described correr of secs. 25, 50, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.
1.00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corter of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Try wash, 1 chain wide, course S. Westerly and ascend
1.00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corter of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Try wash, 1 chain wide, course S. Westerly and ascend
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	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate. Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corner of secs. 25, 50, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run, North bet. secs. 25 and 30. In canon bed. Iry wash, I chain wide, course S. Westerly and ascend vertical 40 ft., thence ascend along borken bank of canon over large boulde s.
1.00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 2nd, 1905, at the above described correr of secs. 25, 50, 31 and 36, at 7. 30 a. m., l. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar,  Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iry wash, I chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correr of secs. 25, 50, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51° N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iny wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.  Difference between measurements of 40. chs., by two sets
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correr of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51 N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iny wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly, and descend.  Difference between measurements of 40, chs., by two sets of chainmen is 10 lks., position of middle point.
	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correr of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51 N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iny wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly, and descend.  Difference between measurements of 40, chs., by two sets of chainmen is 10 lks., position of middle point.
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38,00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correr of secs. 25, 50, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar,  Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iry wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.  Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point.  By 1st set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is
38 <sub>•</sub> 00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described correr of secs. 25, 20, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iry wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly, and descend.  Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point.  By 1st set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
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38 <sub>•</sub> 00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corr ar of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar,  Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iry wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.  Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point,  By 1st set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the
38 <sub>•</sub> 00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the above described corr ar of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar,  Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iry wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.; thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.  Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point,  By 1st set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the
38.00 40.00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the goove described correr of secs. 25, 50, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58' N., on the lat. arc and determine a meridian with the Solar,  Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iny wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.: thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.  Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point.  By 1st set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
38.00 40.00 6	ft. high, w. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land.74.00 chs.  April lst, 1905.  April 2nd, 1905, at the above described corter of secs. 25, 30, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51° N., on the decl. arc 35° 58'/N., on the lat. arc and determine a meridian with the Solar, Themee I run,  North bet. secs. 25 and 30. In canon bed.  Iny wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft., thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend. Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point.  By lst set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x 7 x 5 lns., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.  Foot and ascend.
38.00 40.00	ft. high, W. of the Cor.  Pits impracticable. Land mountainous and level.  Soil rocky: 4th rate.  Notimber.  Mountainous land. 74.00 chs.  April 1st, 1905.  April 2nd, 1905, at the goove described correr of secs. 25, 50, 31 and 36, at 7. 30 a. m., 1. m. t., I set off 4° 51' N., on the decl. arc 35° 58' N., on the lat. arc and determine a meridian with the Solar,  Thence I run,  North bet. secs. 25 and 30.  In canon bed.  Iny wash, 1 chain wide, course S. Westerly and ascend vertical 40 ft.: thence ascend along borken bank of canon over large boulde s.  Top of ridge bears easterly and westerly., and descend.  Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point.  By 1st set, 40. 05 chs.,  By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
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	Bet. Rs. 8 and 9 E.
Chs.,	
48.20	Begin descent along E. bank of Canon. Difference between measurements of 80. chs., by two
	sets of chainmen is 16 lks., position of middle point
	by By 1st set, 79.92 chs., By 2nd set, 80.08 chs., the mean of which is
80.00	Set a limestone, 19 x 8 x 5 ins., 14 1/2 ins. in the
614	ground for the corner to secs. 19, 24, 25 and 30, marked with 2 notches on the S. and 4 notches on the N.
1	edges and raise a mound of stones 2 ft. base, $1.1/2 > 1$
	ft. high, W. of the Cor. Pits impracticable.
	Land mountainous.
	Soil rocky: 4th rate. No timber.
	Mountainous land 80.00 chs.
	And the state of t
1	North bet. secs. 19 and 24.
6.50	Over mountainous land, descending. Foot, Canon, 1 chain wide, course W. and ascend.
13.00	Top of mesa bears easterly and westerly.
·	Difference between measurements of 40.00 chs., by two sets of chainmen is 8/1ks., position of middle pt.
	By 1st set, 39.96 chs.,
40.00	By 2nd set, 40.04 che., the mean of which is Set a limestone, 18 x 7 x 5 ins., 12 ins., 1 the ground
8	for 1/4 sec. cor. marked 1/4 on the W face; and raise
0	a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
46,50	Descend.
57.30	Foot thence over rolling land. Dry wash, 10 1ks. wide, course southwesterly.
	Difference between measurements of 80, chs., by two sets
	of chainmen is 10 lks., position of middle point, By 1st set, 80.05 chs.,
00.00	By 2nd set, 79.95 chs, the mean of which is
80.00 6 K	for the corner to secs. 13. 18. 19 and 24. marked with
6 ~	3 notches on the N. and S. edges, and raise a mound of
	stones, 2 ft. base, 1 1/2 ft. high, w. of the cor. Pits impracticable.
	Land level, rolling and mountainous.  Soil, gravelly, stony and rocky; lst to 4th rate.
	No timber.
,	Mountainous land 23.50 chs.  Note- At the above described corner, at 12 0 clock
	noon, I set off 4° 54'N., on the decl. are and observed
	the Sun on the meridian the resulting latitude I found to be 36% Of N., which is almost the correct calculated
	latitude for this station.
	North bet. sees. 13 and 18.
12.50	Over rolling land.  Dry wash, I chain wide, course south-westerly.
13.50	Begin ascent, S. slope of volcanic ridge.
20.00 31.00	
32,00	Foot and ascend.
	Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle
	point,
	By 1st set, 39.95 chs., By 2nd set, 40.05 chs., the mean of which is
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground
673	for 1/4 sec. cor. marked 1/4 on the W. face, and raise a round of stones, 2 ft. base, 1.1/2 ft. high, W. of Cor.
· · · · ·	

The 2nd Guide Mer. E. Through Tp. 30 N. Bet. Rs. 8 and 9 E.

,	
Chs.	Pits impracticable.
52,00	Top bears E. and W. and descend.
55,00	Foot, dry wash, 40 lks, wide, course S. westerly;
00.00	
1	thence over gently rolling land.
	Difference between measurements of 80. chs., by two
l	DITIOTOR DO WOOT MANAGER OROTHOD OF CASS AND DEC
1 1	sets of chainmen is 6 lks., position of middle point,
1	By 1st set, \$9.97 chs.,
l. I	DA TPC 200 40 21 CH20 4
	By 2nd set, 80.03 chs., the mean of which is Set a limestone, 20 x 8 x 5 ins., 15 ins., in the ground
امم موا	Cot o litrograma 20 x 9 x 5 ing 15 ing in the ground
80.00	set a limestone, so x o x s ans., is in the ground
	for the corner to sections 7, 12, 13 and 18, marked
6	middle 4 metallion on the C and C metallion on the M advers
	with 4 notches on the S. and 2 notches on the N. edges;
	dig pits, 18 x 18 x 12 ins., in each section, 5% ft.
1	dist., and raise a mound of earth 4 ft. base, 2 ft.
1	high, w, of the Cor.
1	
1	Land rolling and mountainous.
1	S il, gravelly and stony; 3rd and 4th rate.
l	Fo timber.
	Mountainous land 16.50 chs.
1	Roundalious rain roes of the
	Augustus and a superior and a superi
1	
1	
, , 1	North bet. secs. 7 and 12.
	Over gently rolling land.
1.50	Dry wash, 2 chs., wide, course S. esterly.
	Corner months 500 Titles middle constraint agent he much amilia
39.30	Same wash, 50 lks. wide, course south-westerly.
	Difference between measurements of 40 chs., by two sets
	of chainmen is 8 lks., position of middle point,
	By 1st set, 39.96 chs.,
	Dy and holy of our
	By 2nd set, 40.04 chs., the mean of which is
40.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
#U. UU	dot a rimobolity to k i k d ring, the ring, the one ground
	for 1/4 sec. cor. marked 1/4 on the W. face; dug pits
Ç.	18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist.,
- 84	TO A TO A THE THIS I BE CHEST OF BURIES OF THE CLESSES
·	and raise a mound of earth 3 1/2 ft. base, 1 1/2
	ft. high, W. of the corner.
44.00	Begin gradual descent.
51.20	Foot, gulch 20 lks. wide, 30 ft. deep, course easterly
	and accond.
61.00	
	Top bears easterly and westerly and descend gradually.
72.70	Foot, dry wash, 40 lks. wide, course easterly thence
	over level land,
	Difference between measurements of 80. chs., y two
	and a Colon distance of a 20 21st an analytic as a Colon 2 21st and a colon 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	sets of chainmen is 10 lks., position of middle point,
	Bylst set. 79.95 chs.,
	By 2nd set, 80.05 chs., the mean of which is
80.00	Set a limestone, 19 x 7 x 5 ins., 18 ins., in the ground
1	
g J <	for the corner to secs. 1, 6, 7 and 12, marked with
1 5 Y	5 notcheson the St and 1 notch on the N. edge; and raise
	a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of
	the corner. Pits impracticable.
	Land gently rolling.
	Soil, gravelly and sandy; 3rd and 4th rate.
	No timber, undergrowth scattering canotillo.
	A CONTRACTOR OF THE CONTRACTOR
	North bet, sees, 1 and 6.
/	
	Over level land.
10.60	Dry wash, 20 1ks. wide, course easterly.
1	
13.50	Begin ascent along R. side of sandstone pluffs.
26.77	
33.10	Ascend steeply.
1	Difference between measurements of 40.00 chs., by two
	sets of chainmen is 14 lks., position of middle point,
1	By 1st set, 39,93 chs.
	The same street of the same stre
	By 2nd set, 40.07 chs., the mean of which is
40.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
**********	son a grandonomo, no v a v a ruote transit ru and Stonith
1 ./	for 1/4 sec. cor., marked 1/4 on the W. face; dig pits
1 0/	18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and
1	
1	raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
1	of the Cor.
1	• O4 000 CO4 •

Bet. Rs. 8 and 9 E. Chs. 50.00 Top of bluff bears north-easterly and south-westerly; thence over steep rolling land. Dry wash, 1 ch. wide, course easterly and ascend. 77.00 Difference between measurements of 80. chs., by two sets of chainmen is 12 lks., position of middle point,

By 1st set, 79.94 chs.,

By 2nd set, 80.06 chs., the mean of which is

Set a limestone, 20 x 8 x 5 ins., 13 ins., in the ground

for the cor. to Tps. 30 and 31 N., Rs. 8 and 9 E., mkd. 80.00 T 31 N on N E . R 9 E on S E T 30 N on S W and 🗸 R 8 E on N W faces; with 6 notches on each edge; dig pits, 24 x 24 x 12 ins., on each line, N. E. and W. 4 ft. and S. of stone 8 ft. dist. and raise a mound of earth 5 ft. base, 2 1/2 ft. high, S. of the Cor. Land mountainous rolling and level. Soil gravelly, sandy, rocky; 3rd and 4th rate, No timber. Mountainous land 39.00 chs. April 2nd, 1905. - 0 The 2nd. Gwide Mer. E. Thre. To. 31 N.
April 3rd, 1905, at the above described corner, I set off at 8 a. m., 1. m. t., 5° 14' N., on the deel. arc and 36° 02' N., on the lat. arc and determine a meridian with the Solar. Thence I run, North bet. secs. 31 and 36. Over mountainous land ascending. 23.00 Top, bears north-easterly and south-westerly. Descend. 25. 0d Foot, and ascend. 32.00 Top, bears north-easterly and south-westerly and descend. Foot, and enter draw, course easterly. 35.00 Leave draw and ascend. 39,00 Difference between measurements of 40. chs., by two sets of chainmen is 10 lks., position of middle point,

By 1st set, 39.95 chs.,

By 2nd set, 40.05 chs., the mean of which is

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W: face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W: of 40.00 \$1K Pits impracticable. Cor. Pits impracticable.
Top bears easterly and westerly and descend. 41.15 44.00 Foot and ascend. 64.50 Top bears easterly and westerly and descend. 70.50 Foot, dry wash, 50 lks. wide, course westerly. 71.00 Ascend. Top bears easterly and westerly and descend. Foot, dry wash, 20 lks. wide, course easterly and ascend. 73,40 76,20 Top bears easterly and westerly. 79.00 Difference between measurements of 80. chs., by two sets of chain 1s 14 lks. position of middle point
By 1st set, 1s 79.93 chs.,
By 2nd set, 1s 80.07 chs., the mean of which is
Set a alimestone 18 x 7 x 5 ins., 12 ins., in the ground
for the corner to sees 25. 30. 31 and 36 merked with 80.00 for the corner to secs. 25, 30, 31 and 36, marked with 5 notches on the N. and 1 notch on the S. edges; whence A cedar, 24 ins., in diam. brs. N. 85° E., 185 lks. dist. mkd. T. 31 N R 9 E., S 30 B.T. No other trees within limits, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impract. Land mountainous. Soil gravelly and stony; 3rd and 4th rate.

Mountainous land 80.00 chs.

The 2nd. Guide Mer. E. Through Tp. 31 N. Bet. Rs. 8 and 9 E.

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١	632	Namely had some OF and TO	
l	Chs.	North bet, secs. 25 and 30,	
١		Over mountainous land.	
١		Ascending.	
	4 20	Top of ridge bears easterly and westerly and descend.	
1	4.30		
	9,60	Foot and ascend.	
1	12.30	Top and descend.	
ı	13.00	Foot and ascend S. slope of ridge.	
	24,00	Top of ridge bears easterly and westerly.	
		Descend.	
		Difference between measurements of 40. chs., by two	
		sets of chainmen is 8 lks., position of middle point	
		By 1st set, 39.96 chs.,	
		By 2nd set, 40.04 chs., the mean of which is	
	40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground	
	450.00		
	<sub>7</sub> , / ≤	for 1/4 sec. cor. marked 1/4 on the W. face, and raise	
		a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of	
	199	the corner. Pits impracticable.	
	10 00		
	42.00	Descend.	
	50.00	Foot, gulch, I chain wide, course easterly and ascend.	
	54.00	Top of rocky ridge bears easterly and westerly.	
	55.00	Descend.	
	58.00	Foot, bears north-easterly and south westerly and ascend,	
	59.00	Top and descend.	er.
	60,80	Foot.	
	62.00	Dry wash, 2 chs., wide, course southeasterly; thence	
		over broken ground and large boulders.	
	70.00		
		Begin steep ascent of large sand-stone bluff.	
	71.50	Top, bears N. E. and S. W.	
		Difference between measurements of 80, chs., by two sets	
		of chainmen is 12 lks. position of middle point	
		Dr. 1 ad and 90 Of ohn	
		By 1st, set 80.06 chs.,	
		By 2nd set, 79.94 chs., the mean of which is	
	80.00	Set a limestone, 18 1/2 x 7 x 5 ins., 12 1/4 ins., in	
	1 - 1	the ground for the corner to see 19. 24. 25 and 30.	
	N. C.	the ground for the corner to sees. 19, 24, 25 and 30, marked with 2 notches on the S., and 4 notches on the	
		marked with 2 notches on the set and 4 notches on the	
		N. edges; and raise a mound of stones, 2 ft. base, 1	
		1/2 ft. high, W. of cor. Pits impracticable.	
		Land mountainous.	
		Soil, rocky and solid sandstone, 4 th rate.	
		Timber scattering cedar and scrub oak.	
		Mountainous land 80,00 chs.	
		V V V V V V V V V V V V V V V V V V V	
		Wanth had 70 and 00	
		North bet. secs. 19 and 24.	
		Over gently rolling land.	
	10.00	Dry wash, 1 chain wide, course easterly.	
	25.50	Dry wash, 60 lks. wide, course easterly.	
	20.30	DTA MODITA OF TWO! ATOO CONT.20 0020017A	ı
		Difference between measurements of 40.00 chs., by two	
		sets of chainmen is 10°1ks., position of middle point,	i
		By 1st set, 39.95 chs.	
		The One and 40 per all the second of the	į
		By 2nd set, 40.05 chs., the mean of which is	l
	40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground	İ
		for 1/4 sec. cor., marked 1/4 on the W. face, and raise	l
	6		ĺ
	-	a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of	ĺ
		the corner.	1
	56.00	Top of gradual ascent bears easterly and westerly and	1
		begin gradual descent.	ĺ
			ĺ
	1	Difference between measurements of 80.00 chs., by two	
		sets of chairmen is 4 lks., position of middle point	l
		By 1st set, 80.02 chs.,	
		By 2nd set, 79,98 chs., the mean of which is	
	00.00	dat a limantana on a a citam librari da tra	
	80,00	Set a limestone, 20 x 8 x 5 ins., 15 ins., in the ground	
	MI	for the corner to sections 13, 18, 19 and 24, marked	
	0.	with 3 notches on the N. and S. edges, dig pits, 18	
		x 18 x 12 ins., in each section, 3% ft. dist., and	
	1 **		1
	1	raise a mound of earth 4 ft. base, 2 ft. high, W. of	
	1	the corner.	-
		Land gently rolling. Soil sandy, rocky; 4th rate.	
		No timber.	
		The second secon	

	Cha	Nanth hat gone in the
	Chs.	
		Over rolling land.
		Descending through dense canotillo brush.
		Difference between measurements of 40.00 chs., by two
		sets of chainmen is 8 lks., position of middle point, By 1st set 39.96 chs.,
		By 2nd get 40 04 che the many of which the
	40.00	By 2nd set, 40.04 chs., the mean of which is Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground
	9 /s.	for 1/4 sec. cor. marked 1/4 on the W. face; and raise
	N	
		the corner.
		Pits impracticable.
	45,00	Begin steep descent.
	47,40	Foot, dry wash, 1 chain wide, course north-easterly;
	,	a trail in wash, bears N. E. and S. W.; thence over
	CO 80	genery rotting ram.
	62.70	Dry wash, 35 lks. wide, course north-easterly.
	65.90	Trail bears north-easterly and south-westerly.
	70,55	Difference between measurements of 80. chs., by two sets
1	· · · · · · · · · · · · · · · · · · ·	of chainmen is 6 lks., position of middle point,
	•	By 1st set, 79.97 chs., By 2nd set, 80.03 chs., the mean of which is
	80.00	Set a limestone, 18 x 8 x 7 ins., 12 ins., in the ground
	1.	for the corner to sections 7, 12, 13 and 18, marked
	: 0(	with 2 notches on the N. and 4 notches on the S. edges;
	<del>.</del>	dig pits, 18 x 18 x 12 ins. in each section 4 1/2 ft.
	. 7	dist., and raise a mound of earth. 4 ft. base. 2 ft.
		nign, W. or the cor.
		Land rolling.
1		Soil, sandy, gravelly and stony; 3rd and 4th rate.
		No timber, undergrowth canotillo brush.
		Dense undergrowth 80. chs. April 3rd. 1905.
		Anril Ath 1905 At the com of some of some
		April 4th, 1905. At the cor. of secs. 7, 12, 13 and 18, just above desribed, at 7.30 a. m., 1. m. t., I set off
		5° 37' N., on the decl. are 36° 07' N., on the Lat.
		are and determine a meridian with the Solar.
ı		Thence I run.
	•	North bet. secs. 7 and 12.
		Over rolling land.
1		Through dense canotillo brush.
١	25.70	Trail bears easterly and westerly.
		Difference between measurements of 40, cha, by two
		sets of chainmen is 6 lks., position of middle point
		By 1st set, 39.97 chs.,
	40.00	By 2nd set, 40.03 chs., the mean of which is Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
	. 7	for 1/4 section corner, marked 1/4 on the W. face;
	015	dig pits, 18 x 18 x 12 ins., N. and S. of cor. 3 ft.
	14	dist, and raise a mound of earth 2 ft. base. 2 ft.
		high, W. of the cor.
	0m 0 =	Ascend Gradually.
	63,00	Top of ridge bears easterly and westerly and descend.
	70.00	Foot.
		Difference between measurements of 80. chs., by two
		sets of chainmen is 8 1ks., position of middle point By 1st set, 79.96 chs.,
		By 2nd set. 80.04 chs.: the mean of which is
	80.00	By 2nd set, 80.04 chs.; the mean of which is Set a limestone, 20 x 8 x 5 ins., 15 ins., in the ground for the corner to sections 6 1 7 and 12 marked attentions
	A (	
		D NOTCHES ON THE S. and I noteh on the W edward Adm
	1/0	Pits, 18 X 18 X 12 ins. in each section. 5% ft. dist.
		and raise a mound of earth 4 ft. base. 2 ft. high. W.
		or the cor.
		Land gently rolling. Soil, sandy and gravelly; 3rd & 4th
		rate. No timber. Undergrowth canotillo brush. Dense undergrowth 80. chs.
		At the above described corner, at 12 0 Clock noon
		de la d'ollock noon
		, ,

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The 2nd. Guide Mer. E. Through Tp. 31 N. Bet. Rs. 8 and 9 E.

Chs. I

I set off 5°  $40^{\circ}$  N<sub>\*</sub>, and observe the Sun on the Meridian; the resulting latitude I found to be  $36^{\circ}$  N<sub>\*</sub>

- 0 -

North bet, secs. 1 and 6.

Over gently rolling land.

Through dense canotillo brush.

Difference between measurements of 40 chs., by two sets of chainmen is 10 lks., position of middle point

By 1st set, 39.95 chs.,

40.00

By 2nd set, 40.05 chs., the mean of which is set a limestone, 18 x 9 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of the corner.

Mound of stones, 6 ft. high, bears 5 chs. W. Difference between measurements of 80. chs., by two sets of chainmen is 6 lks., position of middle point By 1st set 80.03 chs.,

By 2nd set, 79.97 chs., the mean of which is set a limestone, 20 x 8 x 5 ins., 15 ins., in the ground for the corner to Tps. 31 and 32 N., Rs. 8 and

80,00

61.87

9 E., marked T 32 N on N E R 9 E on S E

T 31 N on S. W. and R 8 E on N W faces; with 6 notches on each edge; dig pits, 24 x 24 x 12 ins., on each line, N. E. and W. 4 ft; and S. of stone 8 ft. dist., and raise a mound of earth 5 ft. base, 2 1/2 ft. high, S. of the Cor. Land gently rolling. Soil sandy and gravelly; 3rd rate. No timber. Dense undergrowth, 80 chs.

April 4th, 1905.

0

The 2nd. Guide Mer. E. Through Tp. 32 N. Bet. Rs. 8 and 9 E.

At the township corner just previously described, on April 5th, at 7.30 a. m., 1. m. t., I set off 6° 00° N., on the Decl. arc and 36° 7° N., on the Lat. Arc and determine a meridian with the Solar. Thence, I run North bet. secs. 31 and 36. Over gently rolling land. Through dense canotillo brush. Difference between measurements of 40. chs., by two sets of chairmen is 10 lks., position of middle point

40. QQ

Through dense canotillo brush.

Difference between measurements of 40, chs., by two sets of chainmen is 10 lks., position of middle point

By 1st set, 39.95 chs.,

By 2nd. set 40.05 chs., the mean of which is set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 s., on the W. face; and raised a mound of stone 2 ft. base, 1 1/2 ft. high,

W. of the corner.

Pits impracticable.

Difference between measurements of 80, chs., by two sets of chainmen is 8 lks., position of middle point

80.00

Difference between measurements of 80, chs., by two sets of chainmen is 8 lks., position of middle point By 1st set, 80.04 chs.,

By 2nd set 79.96 chs., the mean of which is set a limestone 19 x 5 x 4 inches, 15 ins., in the ground for the corner to secs. 25, 30, 31 and 36, marked with 1 notch on the S. and 4 notches on the N. edges:

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The 2nd Guide Mer. E. Through Tp. 32 N. Bet. Rs. 8 and 9 E.

and raised a mound of stones, 2 ft. base, 1 1/2 ft. high, Chs. W., of corner Pits impracticable. Land gently rolling. Soil sandy and gravelly; 2nd & 3 rd rate. No timber. Undergrowth Canotillo. Dense undergrowth 80.00 chs. North bet. secs. 25 and 30. Over gently rolling land through dense canotillo under-Difference between measurements of 40. chs., by two sets of chainmen is 8 lks., position of middle point By 1st set, 39.36 chs., By 2nd set, 40.04 chs., the mean of which is Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W., of corner; dig pits, 18 x 18 x 12 ins., N. and S. of stone 40.00 11/ 3 ft. dist. Difference between measurements of 80. chs., by two sets of chainmen is 10 lks., position of middle point

By 1st set, 79.95 chs.,

By 2nd set, 80.05 chs., the mean of which is

Set a limestone 20 x 7 x 5 ins., 15 ins., in the ground

for the corner to sections 19.24.25 and 30. marked 80,00 for the corner to sections 19, 24, 25 and 30, marked with 2 notches on the S. and 4 notches in the N. edges; dig pits, 18 x 18 x 12 ins., in ea h section, 5/ft. dist., and raise a mound of stone, 4 ft. base, 2 ft. high, W. of the corner.
Land gently rolling.
Soil sandy and gravelly: 3rd and 4th rate. No timber. Undergrowth canotillo brush. Dense undergrowth 80.00 chains. North bet. secs. 19 and 24. Over gently rolling land. Through dense canotillo brush. Through dense canotillo brush.

Difference between measurements of 40, chs., by two sets of chainmen is 8 lks., position of middle point,

By 1st set, 40.04 chs.,

By 2nd set, 39.96 chs., the mean of which is

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the w. face; dig pits

18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, w. of the corner.

Dry wash, 10 lks. wide. course S. W. 40.00 olx Dry wash, 10 1ks. wide, course s. W. 54.50 Difference between measurements of 80. cha., by two By lst set 79.94 chs.

By 2nd set, 80.06 chs., the mean of which is

Set a limestone 18 x 9 x 5 ins., 12 ins., in the ground
for the corner to sections 13, 18, 19 and 24, marked
with 3 notches on the N. and S. edges; dig pits, 18 x

18 x 12 ins., in each section, 5 ft. dist., and raise
a mound of earth 4 ft. base, 2 ft. high, W. of the cor.

Land gently rolling. 80.00 Land gently rolling.

Scil, sandy and gravelly; 3rd and 4th rate. No timber.

Unde growth canotillo brush. Dense undergrowth 80.00 chains.

North bet. secs. 13 and 18. Over gently rolling land. Through dense canotillo brush. Difference between measurements of 40. chs., by two The 2nd. Guide Mer. E. Through Tp. 32 N. Bet. Rs. 8 and 9 E.

l l	
Chs.	sets of chainmen is 8 lks., position of middle point
023.05	By 1st set, 39.96 chs.,
	By 2nd set, 40.04 chs., the mean of which is
40.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground
	for 1/4 sec. cor. marked 1/4 on the W. face; dig pits,
,	18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and
	raise a mound of earth 3-1/2 ft., base, 1 1/2 ft. high
	W. of the corner.
	Difference between measurements of 80,00 chs., by two
	sets of chainmen is 6 lks., position of middle point
	By 1st set, 80.03 chsins.,
	By 2nd set, 79,97 chs., the mean of which 1s
80,00	Set a limestone, 18 x 8 x 4 1/2 ins., 12 ins., in the
	ground for the corner to sections 7, 12, 13 and 18,
	marked with 4 notches on the 3. and 2 notches on the
	N. edges; and raise a mound of stones, 2 ft. base,
	1 1/2 ft. high, W. of the corner. Pits impracticable.
	Land gently rolling.
	Soil, sandy and gravelly; 3rd and 4th rate.
	No timber.
	Undergrwoth canotillo brush. Dense undergrwoth 80.00 chains.
	April 5th, 1905.
	ALLE COIL ECO
	Abrilleth, 1905, at the corner just previously described
	at 8 a. m., 1. m. t., I set off 8° 58 N., on the
	decl. are 36° 1E. N., on the lat. are and determine
	a meridian with the Solar.
	Thence I run,
	North on a true line bet. secs. 7 and 12.
1	Over gently rolling land.
·	Through dense canotillo brush.
3.00	Dry wash, 15 lks., wide, course Northwesterly.
13.00	Leave dense undergrowth bears easterly and westerly.
24.90	Trail bears north-westerly and south-easterly.
	Difference between measurements of 40, chs., by two
	sets of chainmen is 10'1ks., position of middle point  By 1st set, 40.05 chs.,
,	By 2nd set, 39.95 chs., the mean of which is
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground
n.f-	for 1/4 sec. cor. marked 1/4 on the W. face, dig pits,
	18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and
4	raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
	W. of the corner.
42.00	Large sandstone rock, bears 20 1ks. E.
73.40	Dry wash, 10 1ks. wide, course southwesterly.
	Difference between measurements of 80. chs., by two sets
	of chainmen is 8 1ks., position of middle point
	By 1st set, 79.96 chs.,
00.00	By 2nd set, 80 04 chs., the mean of which is
80.00	Set a limestone, 20 x 9 x 4 ins., 15 ins., in the ground
	for 1% corner to sections 1, 6, 7 and 12, marked with 5 notches on the S. and 1 notch on the N. edges; dig
	pits, 18 x 18 x 12 ins., in each section of the dist.,
	and raised a mound of earth 4 ft. base, 2 ft. high, W.
	of the corner.
,	Land gently rolling. Soilsandy and gravelly: 3rd and
	4 th rate.
	No timber. Undergrowth canotillo brush.
	Dense undergrowth 13,00 chs.
	North bet. secs. 1 and 6.
	Over gently rolling land.
30,00	T 1 T
	Difference between measurements of 40.00 cha., by two sets of chainmen is 8 lks., position of middle point
	By 1st set, 40.04 chs.,
	na rea sona rottos a
,	· ·

The 2nd. Guide Mer. E. Through Tp. 32 N. Bet. Rs. 8 and 9 E.

Chs. 40.00 By 2nd set,39.96 chs., the mean of which is Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dig pits 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2ft. high,

53.75

80.00

FIC

raise a mound or earth o 1/2 1.

W. of the corner.

Trail to Willow Springs bears N. E. and S. W.

Difference between measurements of 80. chs., by two
sets of chaimen is 10 lks., position of middle point

By 1st set, 80.05 chs.,

By 2nd set, 79.95 chs., the mean of which is
Set a limestone, 20 x 8 x 5 ins., 15 ins., in the
ground for closing corner to Tp. 32 N., Rs. 8 and 9

E. marked

C C T 32 on S

R 9 E on E

R 8 E on W faces; with 6 grooves on S. E. and W. faces; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, S. of the corner. Pits impracticable. Whence,

San Frnacisco Peak bears S. 10° 50' W.; Zichdichkichly Peak bears S. 3 1/2° E., Land rolling. Soil, sandy and gravelly: 3rd and 4th rate. No timber.

Undergrowth canotillo brush. Dense undergrowth 50. chs.

> GENERAL DESCRIPTION.

This line runs over rolling mountains, and broken

land. The soil is mostly sandy and rocky.

There is a fair growth of grass in Tps. 26 and 27.

Cedar timber abounds in Tp. 25 N. There is no water on the line except in the Little Colorado River.

The soil is mostly sandy and rocky.

Through Tp. 29 the line crosses the box canon of the Little Colorado river and other canons leading thereto. There are large bodies of red sadstone, in Tps. 27 and 28.

> Deputy Surveyor

April 13th. 1905.

014

40.00

80.00 oK

The 3rd. Guide Mer. E., Through Tp. 32 N. Bet. Rs. 12 and 13 E.

the Standard Cor. to Tps. 33 N., Rs. 12 and 13 E., established by me on April 19th, 1905., I set off 36° 13' N., on the lat. are 11° 06' N., on the deel. are and at 7 hours, 32 mins. a. m., l. m. t., I determine a meridian with the solar. Thence I run, WEST, on a true line on the Eighth Standard Parallel N., and at 25.30 chs., I establish the closing corner to Tps. 32 N., Rs. 12 and 13 E., as follows—

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for cling corner of Tps. 32 N., Rs. 12 and 13

E., marked

C C T 32 N on the S, R 13 E on the E,

R. 12 E on W faces; with 6 grooves on the S., E. and W. faces; dig pits, 30 x 24 x 12 ins., crosswise, on each line, E. and W. 4 ft., and S. of stone, 8 ft. dist., and raise a mound of earth, 5 ft. base, 2 1/2 ft. high, S. of the cor. Thence I run,

South on a true line bet. secs. 1 and 6.

Over rolling land.

Difference between measurements of 40. chs., by two sets of chainmen is 10 1ks., position of middle point

By 1st set, 40.05 chs.,

By 2nd set, 39.95 chs., the mean of which is set a limestone, 18 x G \* S 1/2 ins., 12 ins., in the ground for 1/4 sec. cor., marked 1/4 on the W. face; dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of the corner. Difference between measurements of 80. chs., by two

sets of chainmen is 8 lks., position of middle point

By 1st set, 80.04 chs.,

By 2nd set, 79.96 chs., the mean of which is

Set a limestone, 20 x 10 x 7 ins., 15 ins., in the

ground for the corner of sections, 1, 6, 7 and 12, marked with 1 notch on the N. and 5 notches on the s. edges; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner. Land rolling.

Soil sandy: 4th rate.

No timber.

SOUTH, bet, secs. 7 and 12. Over rolling land. Di ference between measurements of 40. chs., by two sets of chainmen is 12 lks., position of middle point By 1st set, 39.94 chs.,

By 2nd set, 40.06 chs., the mean of which is set a limestone, 24 x 12 x 4 ins., 18 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. facei dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of the cor.

Difference between measurements of 80. chs., by two sets of chainmen is 10°1ks., position of middle point By 1st set, 79.95°chs., By 2nd set, 80.05°chs., the mean of which is set a limestone, 20 x 8 x 5 ins., 15 ins., in the ground for the corner to sections 7, 12, 13 and 18, marked with 2 notches on the N. and 4 notches on the S. marked with 2 notches on the N. and 4 notches on the S. edges; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. Pits impracticable. Land rolling. Soil, sandy: 4 th rate.

No timber.

40.00

0/2

80,00 OK

The 3rd. Guide Mer. E., Thro. Tp. 32 N. Bet. Rs. 12 and 13 E.

(concluded).

Chs.

Within less than a mile from this point the line crosses the box canon of the Moencopie, and over high bluffs and canons. Therefore, I discontunue my line at this point.

April 19th, 1905.

General Description.

Tps. 32 N., Rs. 12 and 13 E., are sandy and rocky deserts; traversed by deep box canons, rolling sand banks and sand-stone ledges together with deep precipitous canons and high bluffs.

There is no agricultural land or settlers with

these townships.

U. S. Deputy Surveyer.

BOOK 1859 LIST OF NAMES. A list of the names of the individuals employed by..... ....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Merician & through Jps 26-27-28-29-30-31-32 and 349 Gricle Mericlian & through Jps 324 showing the respective capacities in which they acted: Moundman. FINAL OATH OF ASSIS We hereby certify that we assisted ..... United Štates Deputy Surveyor, in surveying all those parts or portions of the ....of the .. Late Rises meridian, Territory of 3049, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor Chainman.  $\dots$ , Moundman. Subscribed and sworn to before W. G. Power day of ... 6-151

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

FINAL OATH OF UNITED S	TATES DEPOTY SURVETOR.
OK.	1
	United States Deputy Surveyor, do
colemnly swear that, in pursuance of a contract rec	eived from Frank of Lugall
Jnited States Surveyor General for	, 1894, I have well, faithfully, and truly, in my own
12 th day of of ecentily	, 1897, I have well, faithfully, and truly, in my own
we nor porson and in strict conformity with the I	nstructions furnished by the Office States Surveyor
General for Children the 1	Manual of Surveying Instructions, and the laws of the
United States, surveyed all those parts or portions	of the 2 mg Guide Meridia
3 through 0/ps 26 - 27	-28-29-30-31 and 32 11. Enible Meridian & Throngs
Rss and 9 & and 3 29	Lui ale Mers dians C Mirony
Tps 32 11. R's 12 and 13	, (
Decay maridian in the MANI	of the server which are represented in the
for the star on boying been surveyed by I	no, and under my direction; and I do further solemnly
foregoing field notes as having been surveyed by	n established and perpetuated in strict accordance with
swear that all the corners of salu survey have been	cial written instructions of the United States Surveyor
the Manual of Surveying Instructions, and the spec	ne specific manner described in the field notes, and that
General for and in the	urvey; and should any fraud be detected, I will suffer
the foregoing are the original field notes of such s the penalty of perjury under the provisions of an A	Act of Congress approved August 8, 1846.
the penalty of perjury under the provisions of an E	Act of congress approved
	Milifo Coulsely
	United States Deputy Surveyor
and (C) - F	
Subscribed by said Philip Confer	, and sworn to before me
this by day of unl	, 18905
tins	Funk Dengall
22222	
ŠŠEAL Š ŠGOGGO	W. J. Durvey on General
	W. D. Durvey on Tinesal.
	ROVAL
AFF	
OFFICE OF THE UNITED S	STATES SURVEYOR GENERAL,
	Therry a. J. July 26-1905, we he second guide meridian last.
	nolmy of home
The foregoing field notes of the survey of $\Delta$	he second quide meridian last
7/ 7/ 3/ 37 38 10 30 3/ and	832 n Clet Ras 8 and 9 E. and
dry of of of miles	S32 n, bet Ago 8 and 9 6, and ast this To 32 n, bet Ago 12 and
13 Gast of the Sila and Sal	1 Pin Rose and Meridian in
13 East of the Jula and Dal	1 Sour Jan Marin II was son
the territory of amona	
J 0	
executed by Thelip Cont 3 lm W	a deputy surveyer
under his contract No /24 dated Ald	Defenty survey or elm last 12" / 1904, 189, having be
enitically evamined and the necessary correction	ns and explanations made, the said field notes, and t
surveys they describe, are hereby approved.	1
surveys they describe, are hereby approved.	Frank Dengell
	United States Surveyor Gener
I certify that the foregoing transcript of the	ne field notes of the above described surveys in
, has been correct	etly copied from the original notes on file in this office.

Supplemental

## BOOK 1850

# FIELD NOTES

OF THE SURVEY OF THE Corrections Cunf # 12x Of the Gy & (Base and Meridian, AS SURVEYED BY Thilip Contzen, United States Deputy Surveyor, Under his Contract No. 124, dated & sc. 12, 1904, 189 Survey commenced October 9 1905. , 189 Survey completed Detaber 25 1905

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In compliance with instructions from the Surveyor Gen-
             eral to return to the field for the purpose of replac
            ing sandstone corners with limestone, and the correc-
           tion of certain errors in Contract No. 124, discovered by Sidney E. Blout, U. S. Examiner of Surveys; I proceed, on October 9, 1905, to the corner of Tps. 26 and 27 N. Rgs. 8 and 9 E., which is a limestone, marked and witnessed as described in my field notes.

Thence I make the following changes in corners on the
  2nd Guide Meridian R., through Tps. 27, 28, 29, 30, 31 and 32 N., bet. Rgs. 8 and 9 R. Set a limestone for 1/4 Cor. bet. Secs. 1 and 6, Tp. 26
   Through T. 27 N.
         rough T. 27 N.

Set a limestone for 1/4 Cor. Secs. 31 and 36.

Set a limestone for Cor. of Secs. 25, 30, 31 and 36.

Set a limestone for 1/4 Cor. Secs. 25 and 30.

Set a limestone for Cor. of Secs. 19, 24, 25 and 30.

Set a limestone for 1/4 Cor. Secs. 19 and 24.

Set a limestone for Cor. of Secs. 13, 18, 19 and 24.

Set a limestone for 1/4 Cor. Secs. 13 and 18.

Set a limestone for Cor. of Secs. 7, 12, 13 and 18.

Set a limestone for 1/4 Cor. Secs. 7 and 12.

Set a limestone for Cor. of Secs. 1, 6, 7 and 12.

Set a limestone for Cor. of Secs. 1 and 6.

Set a limestone for Cor. of Tps. 27 and 28 N. Rgs.

8 and 9 R.
                      8 and 9 R.
  Through T. 28 N.
         Fough T. 28 N.

Set a limestone for 1/4 Sec. Cor. Secs. 31 and 36.

Set a limestone for Cor. of Secs. 19, 34, 25 and 30.

Set a limestone for 1/4 Cor. Secs. 19 and 24.

Set a limestone for Cor. to Secs. 13, 18, 19 and 34.

Set a limestone for Cor. of Secs. 13 and 18.

Set a limestone for Cor. of Secs. 7, 12, 13 and 18.

Set a limestone for Cor. to Secs. 7 and 12.

Set a limestone for Cor. of Secs. 1, 6, 7 and 12.

Set a limestone for Cor. of Secs. 1, 6, 7 and 12.

Set a limestone for closing Cor. of Tps. 28 N. Rgs.

8 and 9 E.
                      8 and 9 E.
          Set a limestone for standard corner of Tps. 29 N. Rgs.
                      8 and 9 R.
 Through T. 29 N.
          Set a limestone for 1/4 Cor. Secs. 31 and 36.
         Set a limestone for corner of Secs. 25, 30, 31 and 36
          Set a limestone for 1/4 Cor. of Secs. 25 and 30.
         Set a limestone for corner of Secs. 19, 24, 25 and 30 Set a limestone for corner of Secs. 13, 18, 19 and 24.
         Set a limestone on S. edge of Little Colorado canon
                     for witness point.
         Set a limestone for Cor. of Tps. 29 and 30 N. Rgs.
                     8 and 9 R.
Through T. 30 N.
         Set a limestone for 1/4 Cor. Secs. 25 and 30.
        Set a limestone for Cor. of Secs. 19, 34, 25 and 30. Set a limestone for 1/4 Cor. Secs. 19 and 24. Set a limestone for Cor. of Secs. 7, 13, 13 and 18. Set a limestone for Cor. of Secs. 1, 6, 7 and 12. Set a limestone for 1/4 Cor. Secs. 1 and 6. Set a limestone for Cor. of Tps. 30 and 31 N. Rgs.
                     8 and 9 K.
Through T. 31 N.
        Set a limestone for 1/4 Cor. Secs. 31 and 36.
Set a limestone for Cor. of Secs. 25, 30, 31 and 36.
       Set a limestone for Cor. of Secs. 25, 30, 31 and 36. Set a limestone for 1/4 Cor. Secs. 25 and 30. Set a limestone for Cor. of Secs. 19, 24, 25 and 30. Set a limestone for 1/4 Sec. Cor. 19 and 24. Set a limestone for Cor. of Secs. 13, 18, 19 and 24. Set a limestone for 1/4 Sec. Cor. of 13 and 18. Set a limestone for Cor. of Secs. 7, 12, 13 and 18. Set a limestone for 1/4 Cor. Secs. 7 and 12. Set a limestone for Cor. of Secs. 1, 6, 7 and 12.
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30 122 BOOK 1859

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Chains
                      Set a limestone for 1/4 Cor. Secs. 1 and 6.
Set a limestone for Cor. of Tps. 31 and 32 N. Rs. 8
                               and 9 R.
                      rough T. 32 N.

Set a limestone for 1/4 Cor. Secs. 31 and 36.

Set a limestone for Cor. of Secs. 25, 30, 31 and 36.

Set a limestone for 1/4 Cor. Secs. 25 and 30.

Set a limestone for Cor. of Secs. 19, 24, 25 and 30.

Set a limestone for 1/4 Cor. Secs. 19 and 24.

Set a limestone for Cor. of Secs. 13, 18, 19 and 24.

Set a limestone for 1/4 Cor. Secs. 13 and 18.

Set a limestone for Cor. of Secs. 7, 12, 13 and 18.

Set a limestone for 1/4 Cor. Secs. 7 and 12.

Set a limestone for 1/4 Cor. Secs. 1 and 6.

Set a limestone for closing Cor. of Tps. 32 N. Rs. 8 and 9 E.

October 16, 1905.

FE:- All corners set on this line are of limestone,
                Through T. 32 N.
                NOTE: - All corners set on this line are of limestone,
                       of same dimensions as original stones, and marked and
                 Eqwitnessed as described in my field notes. Corners
                       are set in original nositions and a threstone, of
                                                                             ingl stoker,
                Corrections and changes on the 18th Standard Parallely W.
                       through Rs. 9, 10, 11 and 12 E., bet. Tps. 32 and 33 N
                 October 17, 1905:-
Through R. 9 R.
                       Set a limestone for standard Cor. of Tps. 33 N. Rs.
                       8 and 9 E.
                       Set a limestone for standard 1/4 Cor. Sec. 31.
Set a limestone for standard Cor. of Secs. 31 and 32.
                       Set a limestone for standard Cor. of Secs. 31 and 32. Set a limestone for standard 1/4 Cor. Sec. 32. Set a limestone for standard Cor. of Secs. 32 and 33. Set a limestone for standard Cor. of Secs. 33 and 34. Set a limestone for standard 1/4 Cor. Sec. 34. Set a limestone for standard Cor. of Secs. 34 and 35. Set a limestone for standard 1/4 Cor. Sec. 35. Set a limestone for standard 1/4 Cor. Sec. 35. Set a limestone for standard Cor. of Secs. 35 and 36. Set a limestone for standard 1/4 Cor. Sec. 36. Set a limestone for standard 1/4 Cor. Sec. 36.
                                 and 10 E.
                 Through R. 10 E.
                       Set a limestone for standard 1/4 Cor. Sec. 31.

Set a limestone for standard Cor. of Secs. 31 and 32.

Set a limestone for standard 1/4 Cor. Sec. 32.

Set a limestone for standard 1/4 Cor. Sec. 34.

Set a limestone for standard Cor. of Secs. 34 and 35.

Set a limestone for standard 1/4 Cor. Sec. 35, this Cor.
                                 set equidistant on line.
                        Set a limestone for standard Cor. of Secs. 35 and 36.
                        Set a limestone for standard 1/4 Cor. Sec. 36.
                 Through R. 11 R.
                        Set a limestone for standard 1/4 Cor. Sec. 34.
                 Through R. 12 F.
Set a limestone for standard Cor. of Secs. 33 and 34,
                        and 32 and 33.
Moved 1/4 Cor. of Secs. 35, 17 lks. W.
                                                                                                         October 20, 1905.
                 NOTE:
                        All corners set on this line are of limestone, and and identically the same size as the original stones,
                        as these new limestones re-set under this contract were
                        selected to conform exactly in dimensions with the
                        old stones, in order to avoid changes in description in notes of survey, and are marked and witnessed as described in my field notes.
                                                                           ----000---
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Correction on 3rd Guide Meridian R. through Tps. 32 N. bet. Rs. 12 and 13 K.

October 21, 1905.
Found Cor. of Secs. 7, 12, 13 and 18 about 40 lks. S.F. from Cor. point. Re-set stone at Cor. point.
Set a limestone of same dimensions as original stone for Cor. to Secs. 32 and 33, T. 33 N. R. 12 E.

--000-

Changes of Cors. in T. 32 N. R. 11 M. Moved 1/4 Cor. of Secs. 4 and 33 on S. Bdy. 21 1ks.

Set a limestone for 1/4 Cor. of Secs. 14 and 23, T. 32 N. R. 11 F. Re-set 1/4 Cor. of Secs. 15 and 22.

The duplicate corner to Secs. 29, 30, 31 and 32, which was stated by Examiner Blout to be about 5 chs. out of its proper position, has been destroyed. -000-

Changes of Cors. in T. 31 N. R. 10 E. Cor. of Secs. 1, 2, 11 and 12, moved 112 lks. N. 1/4 Cor. of Secs. 1 and 12 moved 10 lks. N. October 21, 1905.

----0.00

Corrections and changes in Cors. in T. 32 N. R. 10 M. October 88, 1905.

1/4 Cor. Secs. 19 and 20, moved 35 lks. N. Cor. of Secs. 17, 18, 19 and 20, moved 35 lks. N. 1/4 Cor. of Secs. 18 and 19, moved 17 chs. N. 1/4 Cor. Secs. 19 and 24, W. Bdy., moved 7 lks. K. Cor. of Secs. 19, 24, 25 and 30, W. Bdy., moved 15 lks.

1/4 Secs. 25 and 30 W. Bdy. moved 70 lks. E. Cor. of Secs. 25, 30, 31 and 36, W. Bdy., moved 70 lks.

Set a limestone for C.C. of Secs. 2 and 3, and moved 23 1ks. W.

Set a linestone for closing Cor. of Secs. 1 and 2.

Set a limestone for closing Cor. of Secs. 5 and 6. Set a limestone for Cor. of Secs. 29, 30, 31 and 32. Set a limestone for closing Cor. of Tps. 32 N. Rs. 9 and 10 E.

October 23, 1905.

NOTE: -

New stone Cors. set in this Tp. are linestone, of the same dimensions as original stones, marked and witnessed as described in my field notes.

----000----

Corrections and changes in Cors. in T. 32 N. R. 10 E. October 24, 1905. 1/4 Cor. of Secs. 31 and 36, W. Bdy., moved 35 lks. F. 1/4 Cor. Secs. 30 and 31, moved 25 lks. S.

T. 33 N. R. 10 E. Cor. of Secs. 38, 29, 32 and 33, moved 38 lks. W. 1/4 Cor. of Secs. 27 and 28 moved 25 lks. W. Set a limestone for Cor. of Secs. 26, 27, 34 and 35. Set a limestone for 1/4 Cor. Secs. 26 and 35. Set a limestone for 1/4 Cor. of Secs. 36 and 27. Set a limestone for Cor. of Secs. 35, 26, 35 and 36. Set a limestone for 1/4 Cor. bet. Secs. 35 and 36. Set a limestone for 1/4 Cor. Secs. 27 and 34. Set a limestone for Cor. of Secs. 22, 23, 26 and 27. Set a limestone for Cor. of Secs. 22, 23, 26 and 27.

Set a limestone for 1/4 Cor. Secs. 22 and 27. This Cor. moved 70 lks. N. Set a limestone for 1/4 Cor. of Secs. 28 and 33. October 25, 1906.

NOTE:-

New stone corners set in this township are limestone, of same dimensions as original corners, and marked and witnessed as described in my field notes. The difforence in hearings to witness trees to Cor. of Secs. 28, 29, 32 and 33, T. 33 N. R. 10 E. were due to original corner being out of its position. I reset corner in original position.

Philip Contzen, U. S. Deputy Surveyor.

Marken, Actions, Mab. M., Indi.

T, Note the about sea, The term of Marker or fact. Therefore, the document of the second of the seco track 10. 184.

Interpolation and the contract

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Strosgraficed collision on to better the time SAM detrice of the mather, K. D., 3508.

7. A. Perer, Sotary Public, Pies decey, Artrona. Sy occasion eratas Artico, 1908.

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Theony, Amzuna. I, Milife brutann, united states Daynita oner on instructions, Evenind from the son-oner on instructions, Evenind from the son-orgon grown of their mack and the gene ghing envirentions in surrays expentition and an emiliant 124. Philip Contrey Le. J. Selina divirga. Inboerierch eg anich Pritite Contan. and sungh, to balow and this 's Mesade Dale W. Commissiones

Terestury of Artsons;)

Commen of Pime;

#**1**.00 (18.00)

George 4. Memby, being first duly spore, deposes us says.
That he sesisted Philip Contsen, United Deputy Burveyor, in making all the nocessary observation, as enum rated by Exeminer Sidney Blout is Contract No. 121 Are and that further, all the conservation coiners, which were found by said examiner to be sendstone coiners, have been properly replaced by limestone corners, and that the same wand measurements conformation to the dritters in the same wand measurements conformation.

Subscribed on a good to before me this cath day of Movemeer, A.D. Doge

No commission expires April 27 1208

**BOOK** 1859

#### APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A.T. ay 1st, 1906.

The foregoing supplemental field notes of surveys executed by Philip Contzen, U. S. Deputy Surveyor, under his Contract No. 124, dated Dec. 12th, 1904, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

Territory of Arizona,)
County of Pima.

**BOOK** 1859

George A. Hawley, being first duly sworn, deposes and says:
States
That he assisted Philip Contzen, United Deputy Surveyor, in making all the necessary corrections, as enumerated by Examiner Sidney Blout in Contract No. 124 Arizona; and that further, all the and stone corners, which were found by said examiner to be sandstone corners, have been properly replaced by limestone corners, and that the survey and measurements conform strictly to the official field-notes as returned by said Philip Contzen.

George a. Hawley

Subscribed and sworn to before me this 28th day of November, A.D.1905.

Notary Public, Pima County, Arizona.
My commission expires April 27,1908

Affidavit of George A. Hawley, in re. Corrections in Contract No. 124.

tradius to the

: 17,00