

Book "A"

APR 5, 1919

(Township Boundaries)

BOOK 3223

FIELD NOTES  
OF THE SURVEY OF

EAST AND NORTH BDRS. OF TS. 9 N., RS. 8, 9, 10, 11 AND 12 W.

NORTH BDY. OF TS. 10 N., RS. 10 AND 11 W.

EAST BDY. AND PART OF NORTH BDY. OF T. 10 N., R. 12 W.

NORTH AND SOUTH BDRS. OF T. 10 N., R. 13 W.

EAST AND NORTH BDRS. OF TS. 11 N., RS. 10, 11 AND 12 W.

WEST BDY. AND EAST HALF OF NORTH BDY. OF T. 11 N., R. 13 W.

EAST AND WEST BDRS. OF T. 12 N., RS. 7 AND 10 W.

EAST AND SOUTH BDRS. OF T. 12 N., R. 9 W.

SOUTH BDY. OF T. 12 N., R. 8 W. AND

NORTH BDY. AND PART OF WEST BDY. OF T. 11 N., R. 7 W.

AND RETRACEMENT OF

PART OF SOUTH BDY. OF T. 11 N., R. 7 W.

AND RESURVEY OF

PART OF SOUTH BDY. OF T. 12 N., R. 13 W.

PARTS OF SOUTH, EAST AND WEST BDRS. OF T. 11 N., R. 7 W.

AND PART OF NORTH BDY. OF T. 11 N., R. 6 W.

OF THE GILA & SALT RIVER BASE & MERIDIAN, IN THE STATE OF ARIZONA.

EXECUTED BY

L. E. WILKES - U.S. Surveyor

H. N. Bradstreet - U.S. Transitman

John G. Collins, U.S. Transitman &

Hugo Price, U.S. Transitman

~~In the capacity of U. S. Surveyor~~, under instructions dated July 23, 1914,

issued by the United States Surveyor General to govern surveys included in

Group No. 36, which were approved by the Commissioner of the General Land

Office, August 15, 1914

Survey, Retracement and ReSurvey commenced November 12, 1914

Survey, Retracement and ReSurvey completed May 14, 1917

Executed under Assignment  
Instructions dated Oct. 24, 1914, Mar. 12, 1915, May 3, 1915, Jan. 12, 1917

3223

3223

BOOK 3223

*Book "A"*  
*Group 36 - Arizona*  
*- SEE SPECIAL INDEX DIAGRAM. -*

**INDEX DIAGRAM.**

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

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INDEX-DIAGRAM  
Book "A" Group 36 Arizona  
(TOWNSHIP EXTERIORS)

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ACCEPTED SURVEYS

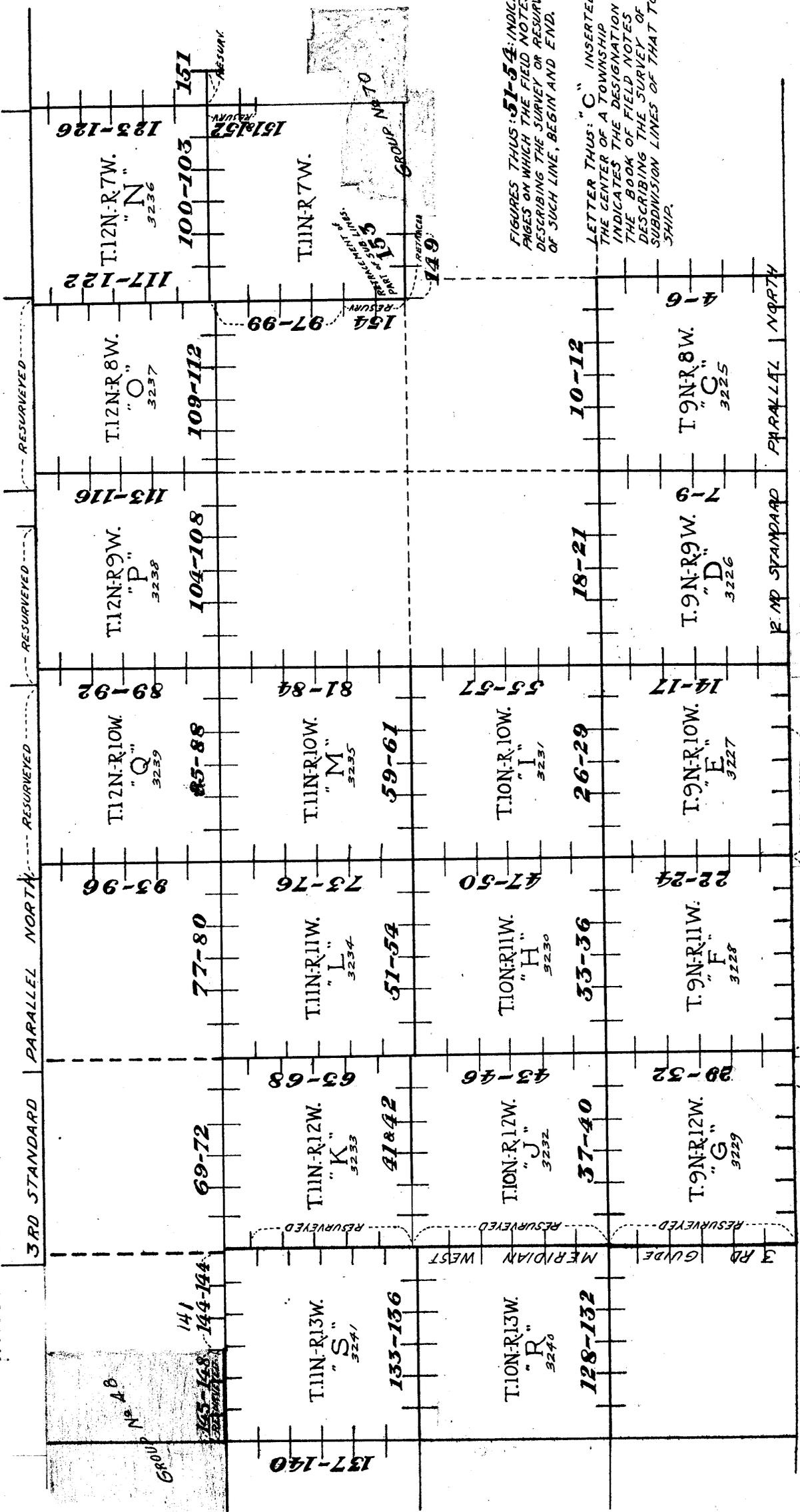
PARALLEL NORTH

3 RD STANDARD

UNSURVEYED

SURVEYED GROUP 42

SURVEYED GROUP 48





## Survey of Township boundaries. Group 36, Arizona.

3

Chains.

Surveys hereinafter described, were executed on dates shown on diagram on page 2 hereof, by L. E. Wilkes, U. S. Surveyor, H. N. Bradstreet, John G. Collins and Hugo Price, U. S. Transitmen.

L. E. Wilkes, U. S. Surveyor, uses a Young and Son's light mountain transit No. 8541, with Smith's solar attachment. The horizontal limb is read by two double verniers to single minutes of arc, which is also the least count of the latitude and declination arcs, and the full vertical circle.

Herbert N. Bradstreet, U. S. Transitman, uses a Young and Son's transit No. 7084, similarly graduated except that it is provided with a vertical arc of  $90^\circ$  instead of full vertical circle. John G. Collins, U. S. Transitman also uses this instrument, he being assigned to replace Bradstreet when Bradstreet discontinues work upon this Group.

These instruments were duly tested on a true meridian at Phoenix, Arizona, on Nov. 6, 1914, and were approved for use in this assignment, by A. C. Horton, Jr., Asst. Supervisor of Surveys for Arizona.

Field test of transits Nos. 8541 and 7084 by L. E. Wilkes, U. S. S., as follows:

Nov. 12, 1914, at 4h. 4m., a.m., l.m.t., at long.  $113^\circ 10' W.$ , lat.  $34^\circ 0' N.$  at my temp. camp in the SE.  $\frac{1}{4}$  of sec. 27, T. 8 N., R. 9 W.

I observe Polaris at elongation, and mark the line thus obtained by a tally pin set in the ground 5 chs. N. of my station.

At 8h. a.m., l.m.t., I lay off the azimuth of Polaris  $1^\circ 23'$  to the right, and mark the true meridian by a nail in a small stake, 5 chs. N. of my station.

With both instruments set in the true meridian, on each I set off  $17^\circ 32' S.$  on the decl. arcs,  $34^\circ 00'$  on the lat. arcs, and determine a meridian with each instrument.

Transit No. 8541 falls less than 1' left of the true meridian and transit No. 7084 falls about  $\frac{1}{2}'$  to the right of the true meridian; therefore, conclude that both instruments are in satisfactory adjustment.

The magnetic bearing of the true meridian at the above described station is  $N. 14^\circ 45' W.$ , which gives the magnetic declination  $14^\circ 45' E.$

Measurements were made with 5 chain steel tapes, duly tested with a standard tape, and properly adjusted. Over uneven ground, the clinometer method was used to obtain the necessary correction to be applied.

Hugo Price, U. S. Transitman uses a Young and Son's light mountain transit No. 8539, in the execution of all these surveys, which were made by him, said instrument being described with a record of approval and test in Book "E" of this group.

In the following notes, the initials L. E. W., H. N. B., J. G. C. and H. P. are inserted at the beginning and ending of those portions of the notes describing the surveys executed by L. E. Wilkes, U. S. Surveyor, and H. N. Bradstreet, John G. Collins and Hugo Price, U. S. Transitmen, respectively.

4. East boundary of Township 9 North, Range 8 West.

Chains.

L.E.W.

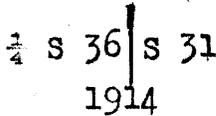
From the original standard cor. of T.9 N., Rs.7 and 8 W., which is an iron post 3 ins.diam.,12 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general,

North, bet. secs.31 and 36.

Over undulating land, ascending gradually thru.medium dense undergrowth.

14.80 Road brs.NE. and SW.

40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

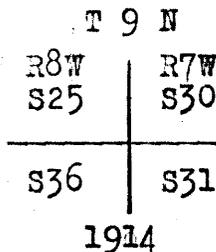


from which,

A mesquite, 4 ins. diam., brs.S.  $63\frac{3}{4}^{\circ}$  W., 113 lks.dist., marked  $\frac{1}{4}$  S 36 B T.

A Joshua tree, 12 ins. diam., brs.N. $80^{\circ}$ E., 345 lks.dist., marked  $\frac{1}{4}$  S 31 B T.

80.00 Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs. 25,30, 31 and 36, marked on brass cap,

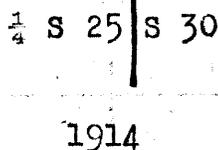


dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor. Land, undulating, nearly level, drains SE. Soil,light, volcanic ash, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood and mesquite.

North, bet. secs. 25 and 30.

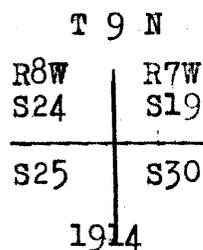
Over nearly level land, through medium dense undergrowth.

40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,



dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,W. of cor.

80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for cor.of secs. 19,24, 25 and 30, marked on brass cap,



dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high,W. of cor.

chains.

Land, rolling, nearly level.  
Soil, volcanic ash, with adobe subsoil, 1st rate.  
Undergrowth, greasewood, mesquite, and cactus.  
No timber.

40.00 North, bet. secs. 19 and 24.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$ S24	S19
1914	

and dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

66.20 Wash, 4 ft. deep, 30 lks. wide, course SW.

73.90 A road brs. SW. and NE.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

T 9 N	
R8W	R7W
S13	S18
S24	S19
1914	

dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, level and undulating, drains SW.  
Soil, volcanic ash, with adobe subsoil, 1st rate.  
Undergrowth, greasewood and mesquite with cactus.  
No timber.

40.00 North, bet. secs. 13 and 18.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$ S13	S18
1914	

dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

T 9 N	
R8W	R7W
S12	S7
S13	S18
1914	

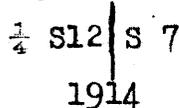
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level, drains S.  
Soil, adobe, with hard subsoil, 1st rate.  
Undergrowth, mesquite and greasewood with cactus.  
No timber.

6. East boundary of Township 9 North, Range 8 West.

Chains.

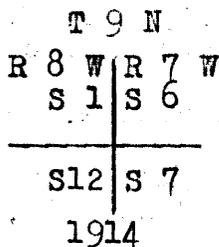
40.00 North, bet. secs. 7 and 12.  
Over nearly level land, through medium dense undergrowth.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass,



dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

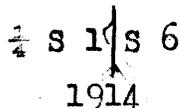
47.50 Wash, 10 lks. wide, course S. 30° W.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



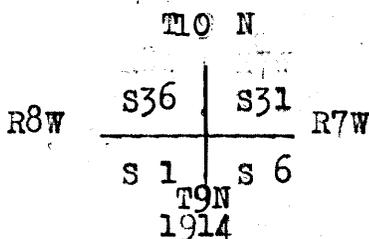
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, nearly level, drains S.  
Soil, volcanic ash with adobe subsoil, 1st rate.  
Undergrowth, greasewood, mesquite and cactus.  
No timber.

40.00 North, bet. secs. 1 and 6.  
Over nearly level land, through medium dense undergrowth.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 9 and 10 N., Rs. 7 and 8 W., marked on brass cap,



dig pits 24x24x12 ins., N., E. and W. 4 ft., and S. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.  
Land, nearly level.  
Soil, light volcanic ash with adobe subsoil, 1st rate.  
Undergrowth, greasewood and cactus.  
No timber.

L. E. W.

East boundary of Township 9 North, Range 9 West. 7.

Chains.

L.E.W.

From the original standard cor. of T.9 N.,Rs.8 and 9 W., which is an iron post 3 ins. in diam.,12 ins. above ground, firmly set, with brass cap, marked and witnessed as described by the surveyor general,

North, bet. secs.31 and 36.

Descend gradually on N. slope, through scattering undergrowth.

40.00 Set an iron post, 3 ft.long, 1 in. in diam., 22 ins. in the ground on bedrock, built up the earth 6 ins. around the post for 1/4 sec.cor., marked on brass cap,

1/4 S 36 | S31

1914

dig pits 18x18x12 ins., N. and S.of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,W. of cor.

45.22 Foot of descent, wash 6 ft. deep, 30 lks.wide, course W. Ascend gradually,over nearly level land.

80.00 Set an iron post, 3 ins. diam., 3 ft.long,24 ins. in the ground for cor.of secs. 25,30, 31 and 36, marked on brass cap,

T 9 N  
R9 W | R 8W  
S25 | S30  
-----  
S36 | S31

1914

dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor.

Land, rolling.

Soil, light volcanic ash, with gypsum subsoil.

Undergrowth, greasewood, mesquite and cactus.

No timber.

North, bet. secs.25 and 30.

Magnetic variation, 15°00'E.

Over nearly level ground, through scattering undergrowth.

11.70 Wagon road brs.NE. and SW.

18.40 Wash, 5 lks.wide, course SW.

40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap,

1/4 S25 | S30

1914

dig pits 18x18x12 ins., N. and S.of cor.3 ft. dist.,and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for cor.of secs. 19,24, 25 and 30, marked on brass cap,

T 9 N  
R9W | R8W  
S24 | S19  
-----  
S25 | S30

1914

dig pits 18x18x12 ins., in each sec. 5 1/2 ft.dist.,and raise a mound of earth 4 ft. base, 2 ft.high,W.of cor.

Land,level.

Soil,light volcanic ash; 1st rate.

Undergrowth, greasewood and cactus, with scattering Joshua

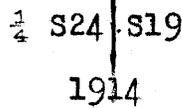
8. East boundary of Township 9 North, Range 9 West.

Chains.

trees and mesquite.  
No timber.

North, bet: secs. 19 and 24.

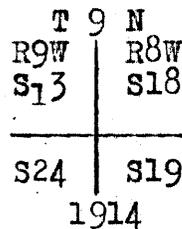
40.00 Over nearly level land, thru. scattering undergrowth.  
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

From the cor.,

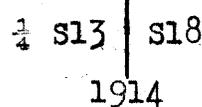
80.00 A Joshua tree, 18 ins. in diam., brs. S.  $23\frac{3}{4}^{\circ}$  E., 58 lks. dist., marked  $\frac{1}{4}$  S 19 B T.  
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, nearly level, drains SW.  
Soil, light volcanic ash and sandy, 2nd rate.  
Undergrowth, greasewood, with some mesquite and Joshua trees.  
No timber.

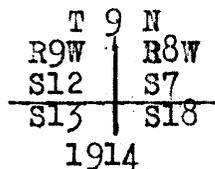
North, bet. secs. 13 and 18.

40.00 Over nearly level land, through scattering undergrowth.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. From the cor.,

80.00 A Joshua tree, 12 ins. in diam., brs. S.  $1\frac{3}{4}^{\circ}$  W., 219 lks. dist., marked  $\frac{1}{4}$  S 13 B T.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, nearly level, drains S.  
Soil, light, volcanic ash, with hard subsoil; 1st rate.  
Undergrowth, scattering greasewood and mesquite, with an occasional Joshua tree.  
No timber.

East boundary of Township 9 North, Range 9 West. 9.

Chains.

North, bet. secs. 7 and 12.  
 Over nearly level land, through scattering undergrowth.  
 5.56 Wash, 2 ft. deep, 10 lks. wide, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$	S12		S 7
1914			

dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

66.03 Wash, course SW.  
 80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 1, 6, 7 and 12, marked on brass  
 cap,

T 9 N			
R9 W		R 8W	
S 1		S 6	
-----			
S12		S 7	
1914			

dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, nearly level, drains S.  
 Soil, light loam, 1st and 2nd rate.  
 Undergrowth, scattering greasewood and Joshua trees.  
 No timber.

North, bet. secs. 1 and 6.  
 Over undulating land, through scattering undergrowth.  
 12.70 Wash, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$	S 1		S 6
1914			

dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of  
 cor.

55.29 Wagon road brs. NE. and SW.  
 55.50 Wash, course SW.  
 80.00 Set an iron post 3 ins. diam., 3 ft. long, 24 ins. in the  
 ground for cor. of Tps. 9 and 10 N., Rs. 8 and 9 W., marked  
 on brass cap,

T 10 N			
	S36		S31
R9W		R8W	
S 1		S 6	
T 9 N			

dig pits 24x24x12 ins., N. E<sup>W</sup> and W. 4 ft., and S. of  
 post 8 ft. dist., and raise a mound of earth 5 ft. base,  
 $2\frac{1}{2}$  ft. high, S. of cor.  
 Land, nearly level, drains SW.  
 Soil, light volcanic ash with sand, 2nd rate.  
 Undergrowth, greasewood, cactus and Joshua trees.  
 No timber.

L. E. W.

10. North boundary of Township 9 North, Range 8 West.

Chains.

L. E. W.  
 From the cor. of Ts. 9 and 10 N., Rs. 7 and 8 W., hereinbefore described,  
 West, on a random line, bet. Ts. 9 and 10 N., R. 8 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 480.00 chs. intersect E. bdy. of T. 9 N., R. 9 W., 33 lks. S. of the cor. of Ts. 9 and 10 N., Rs. 8 and 9 W., hereinbefore described.  
 $S^{\circ}89^{\circ}58'E.$ , on a true line, bet. secs. 6 and 31.  
 Magnetic variation  $14^{\circ}50'E.$   
 Over nearly level land, draining S., through scattering undergrowth.

31.60 Wagon road brs.  $N.60^{\circ}E.$  and  $S.60^{\circ}W.$   
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 31

S 6

1914

dig pits  $18 \times 18 \times 12$  ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

73.50 Old road brs. SW. and NE.  
 80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T 10 N

S 31	S 32
------	------

R 8 W

S 6	S 5
-----	-----

T 9 N

1914

dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, nearly level, drains south.  
 Soil, sandy, 2nd rate.  
 Undergrowth, greasewood, and cactus.  
 No timber.

40.00  $S.89^{\circ}58'E.$ , bet. secs. 5 and 32.  
 Over nearly level land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 32

S 5

1914

dig pits  $18 \times 18 \times 12$  ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

63.80 Old road brs. SW. and NE.  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T 10 N

S 32	S 33
------	------

R 8 W

S 5	S 4
-----	-----

T 9 N

1914

Chains.

dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, nearly level, drains S. Soil, sandy with some gravel, 2nd rate. Undergrowth, greasewood and cactus. No timber.

S. 89° 58' E., bet. secs. 4 and 33. Over nearly level land, drains S., through scattering undergrowth.

1.90 Wash, course S.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

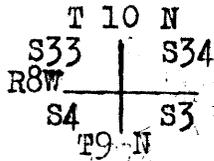
¼ S 33

S 4

1914

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



1914

dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, nearly level, drains S. Soil, sandy, 2nd rate. Undergrowth, scattering greasewood and cactus. No timber.

S. 89° 58' E., bet. secs. 3 and 34. On nearly level land, through scattering undergrowth.

25.00 Wash, course S. 30° W.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for ¼ sec. cor., marked on brass cap,

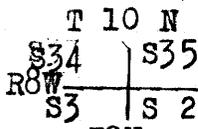
¼ S 34

S 3

1914

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

51.40 Road brs. SW. and NE.  
55.00 Wash, course SW.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,



1914

from which,

A Joshua tree, 24 ins. in diam., brs. S. 7½° E., 67½ lks. dist., marked T 9 N R 8 W S 2 B T.

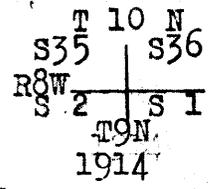
Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise

12. North boundary of Township 9 North, Range 8 West.

Chains.  
 a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, light volcanic ash, good, 2nd rate.  
 Undergrowth, scattering greasewood and cactus.  
 No timber.

S. 89° 58' E., bet. secs. 2 and 35.  
 On nearly level land, through scattering undergrowth.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 3 5  
 S 2  
 1914

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N.  
 of cor.  
 49.30 Wash, course S. 30° W.  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for cor. of secs. 1, 2, 35 and 36, marked on  
 brass cap,



dig pits 18x18x12 ins., in each  $5\frac{1}{2}$  ft. dist., and raise  
 a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, nearly level, drains S. 30° W.  
 Soil, light volcanic ash, with hard subsoil, 2nd rate.  
 Undergrowth, greasewood and cactus, 6 ft. high, and scat-  
 tering.  
 No timber.

S. 89° 58' E., bet. secs. 1 and 36.  
 On nearly level land, through scattering undergrowth.  
 10.75 Wash, course S. 30° W.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 3 6  
 S 1  
 1914

and dig pits 18x18x12 ins., E. and W. of cor., 3 ft.  
 dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, N. of cor.  
 41.50 Wash, course south.  
 80.00 The cor. of Ts. 9 and 10 N., Rs. 7 and 8 W., hereinbefore  
 described.  
 Land, nearly level, draining S.  
 Soil, light volcanic ash, with hard subsoil, 2nd rate.  
 Undergrowth, greasewood and cactus.  
 No timber.

L.E.W.

Boundaries of Township 9 North, Range 8 West.  
 Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary (2nd. Std. Par. N)	West,	480.14				480.14
West boundary,	North,	480.00	480.00			
North boundary	S 89°58'E.	480.00		0.33	480.00	
East boundary,	South,			480.00		
Convergency,					0.49	
<u>Totals.</u>			480.00	480.33	480.49	480.14
				480.00	480.14	
<u>Error in latitude,</u>					.33	
<u>Error in departure.</u>					.35	

14. East boundary of Township 9 North, Range 10 West

Chains.

L.E.W.

Nov. 22, 1914. At my camp, located about 6.00 chs. NE. from the point, where I later establish the corner of secs. 7, 12, 13 and 18 of T. 9 N., Rs. 9 and 10 W. at lat. 34° 8'; long, 113° 14' W. from Greenwich, I set off 20° 5' S. on the decl. arc; 34° 8' on the lat. arc, and determine a meridian with the solar at 3h. p.m., l.m.t., and note the bearing to a conspicuous butte about 10 miles dist. bears N. 7° 15' E.

At 3h. 19m. 20secs. p.m. by my watch, I note the sun's true altitude to be 16° 15' from the horizontal. This observation computed for time, shows my watch to be 3m. 10 secs. too fast. I set my watch to true l.m.t.

Nov. 22, 1914, at 4h. 54m. p.m., l.m.t., I observe Polaris and note that the above noted object is 5° 57' right from the star's position.

By computation, I find that Polaris bears N. 1° 17.1' E.; hence the true bearing of the object noted is N. 7° 14.1' E.

Nov. 22, 1914.

Nov. 23, 1914. At 8h. a.m., l.m.t., I set off 20° 13' on the decl. arc; 34° 8' on the lat. arc, and determine a meridian with the solar from which the above object bears N. 7° 14' E.

Thus by p.m. and a.m. observations my instrument gives lines from 0° 0.9' W. to 0° 0.1' E. of the true meridian; hence I conclude the adjustments are satisfactory.

As the instrument has not received any adjustment in any manner since the time of the test set forth on page 1 hereof, there is no reason to believe that any bearings taken have been erroneous.

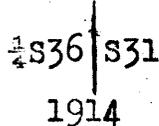
From the original standard cor. of T. 9 N., Rs. 9 and 10 W., on 2nd. Standard Parallel North, which is an iron post 3 ins. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general,

North, bet. secs. 31 and 36.

Over heavily rolling, rocky land, through scattering brush and cactus.

0.60 Wash, 20 lks. wide, course SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground on bedrock, bent at lower end, 8 ins. above ground, for 1/4 sec. cor., marked on brass cap,



from which,

A palo verde, 5 ins. diam., brs. S 85° E., 23 lks. dist., marked 1/4 S 31 B T.

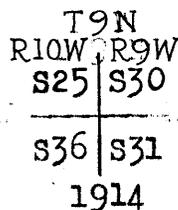
A palo verde, 7 ins. diam., brs. S 60 1/4° W., 61 lks. dist., marked 1/4 S 36 B T.

41.50 Top of low ridge and divide between Bullard Wash, and McMullen valley, brs. E\* and W., 10 ft. above 1/4 sec. cor. Descend 30 ft.

57.00 Wash, course NE. Ascend 30 ft.

76.00 Top of ridge, brs. E. and W. Descend.

80.00 Set an iron post 3 ins. diam., 3 ft. long, 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked on brass cap,



raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, heavily rolling or mountainous.

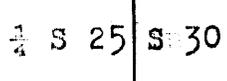
East boundary of Township 9 North, Range 10 West. 15

Chains.

Soil, rocky, of no apparent value.  
Undergrowth, greasewood, catclaw and several kinds of cactus.  
No timber.

-----  
North, bet. secs. 25 and 30.  
On mountainous land, not very rough, thru. scattering undergrowth.  
Descend 20 ft.

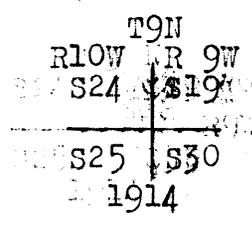
- 8.00 Wash, 10 lks. wide, course NE. Ascend 30 ft.
- 14.50 Top of ridge, brs. E. and W. Descend 20 ft.
- 38.00 Gulch, 150 lks. wide, 15 ft. deep, course E.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



1914

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

- 57.00 Wash, 10 ft. deep, course N. 60°E.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

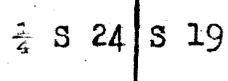


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous, not very rough.  
Soil, rocky of no apparent value.  
Undergrowth, greasewood, mesquite, catclaw and several kinds of cactus.

-----  
North, bet. secs. 19 and 24.  
On mountainous land, through scattering undergrowth.  
Wash, course NE. Leave mountainous, enter rolling land, bears E. and W.

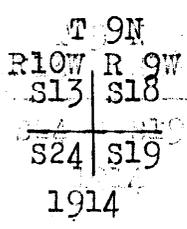
- 7.90 Wash, course NE. Leave mountainous, enter rolling land, bears E. and W.
- 28.00 Wash, course N. 35°E. Ascend 20 ft.
- 34.50 Top of ridge, brs. NE. and SW. Descend gradually.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



1914

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 43.00 Descend 25 ft.
- 77.00 Wash, course NE.
- 80.00 Wash, course NE.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



16. East boundary of Township 9 North, Range 10 West.

Chains

and dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, heavily rolling.  
Soil, rocky, of no apparent value.  
Undergrowth, greasewood, mesquite, catclaw, saguaro, and other cacti.  
No timber.

29.00  
32.00  
40.00

North, bet. secs. 13 and 18.  
Over rolling land, descending gradually.  
Road brs. N. 80° W. and S. 80° E.  
Leave rolling land, enter flat, brs. E. and W. Drains N.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

¼ S 13 | S 18  
1914

62.40  
80.00

and dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.  
Wash, course NE.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

T 9 N  
R 10 W | R 9 W  
S 12 | S 12  
S 13 | S 18  
1914

Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling, and flat, sloping north.  
Soil, rocky on S. 32.00 chs.; N. 48.00 chs. alluvial deposits, 3rd and 1st rate.  
Undergrowth, greasewood with scattering palo verde and mesquite.  
No timber.

Nov. 24, 1914.

From the bearing determined by Polaris observation hereinbefore described by carefully measuring the angles with the transit, I find that this boundary has been run on true bearing and I note a conspicuous object in the mountains, afterward found to be about 15.00 chs. S. of the cor. of Ts. 11 and 12 N., Rs. 9 and 10 W. This, with a conspicuous object to the south afford me positive checks at several points along the line.

40.00

North, bet. secs. 7 and 12.  
Descend gradually on north slope, in open ground.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

¼ S 12 | S 7  
1914

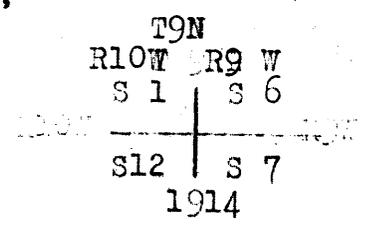
55.30

and dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.  
Center of Bullard Wash, 3.50 chs. wide, 5 ft. deep, course N. 70° W.  
Ascend gradually.

East boundary of Township 9 North, Range 10 West.

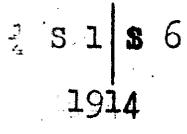
Chains

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



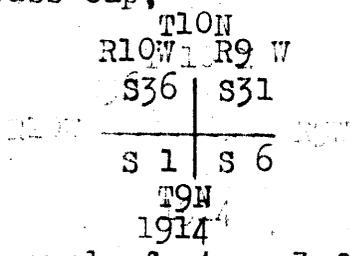
Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, rolling.  
 Soil, alluvial, volcanic ash, 1st rate.  
 Undergrowth, along creek, mesquite, willow and catclaw on balance; very scattering greasewood.  
 No timber.

37.20 North, bet. secs. 1 and 6.  
 40.00 Over open ground, nearly level.  
 Wash, 2 1/2 ft. deep, 15 lks. wide, course SW.  
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



Dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.  
 Enter scattering greasewood and cactus, about 6 ft. high.  
 62.50 Road from Alamo to Congress Junction, brs. NE. and SW.  
 77.00 Leave rolling, enter broken land, adjacent to Date Creek wash, bearing NE. and SW.  
 Descend 50 ft.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 9 and 10 N., Rs. 9 and 10 W., marked on brass cap,



and raise a mound of stone 3 ft. base, 1 1/2 ft. high, S. of of cor.  
 Land, nearly level and broken.  
 Soil, alluvial and sandy; 1st and 3rd rate.  
 Undergrowth, greasewood and cactus.  
 No timber.  
 North 3.00 chs. broken and sandy soil of no value.

18. North boundary of Township 9 North, Range 9 West.

L.E.W.

From the cor. of Ts. 9 and 10 N., Rs. 8 and 9 W. hereinbefore described,

West, on a random line, along the N. bdy. of T. 9 N., R. 9 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs.; and at 479.95 chs., fall 16 lks. N. of the cor. of Ts. 9 and 10 N., Rs. 9 and 10 W., hereinbefore described.

Thence,

N.  $89^{\circ}59'E.$ , on a true line, bet. secs. 6 and 31.

Oh broken ground. Ascend 8 ft.

0.20 Top of spur, slopes N.  $30^{\circ}W.$  Descend 30 ft.

2.00 Gulch, course NW. Ascend 30 ft.

4.07 Top of spur, level with mesa S. of line, raise a mound of stone, 3 ft. base, 2 ft. high on line.

16.75 Rim of rolling mesa bearing N.  $60^{\circ}E.$  and S.  $60^{\circ}W.$  Thence over mesa.

39.95 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 31

—  
S 6

1914

Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

79.95 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

	T10N		
	S31	S32	
R9W	S 6	S 5	
	T9N		

Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, west 16.75 chs. broken, and east 63.20 chs. rolling. Soil, volcanic ash, and sandy with gypsum subsoil, 2nd rate. Undergrowth, greasewood, Joshua trees, mesquite and several varieties of cacti. No timber.

N.  $89^{\circ}59'E.$ , bet. secs. 5 and 32.

Over undulating land, through scattering undergrowth.

33.50 Wash, course S.  $30^{\circ}W.$

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 32

—  
S 5

1914

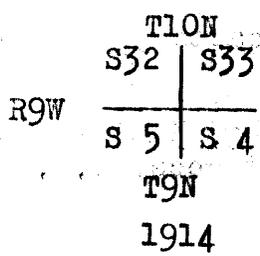
Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

62.75 Wash, course SW.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

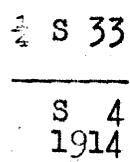
North boundary of Township 9 North, Range 9 West.

Chains.

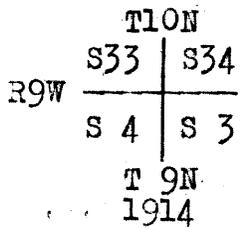


Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, nearly level, drains S. Soil, volcanic ash and sandy, with gypsum subsoil, 2nd rate. Undergrowth, greasewood, Joshua trees and cactus. No timber.

- 37.20 N. 89° 59' E., bet. secs. 4 and 33. Over undulating land, through medium dense undergrowth. Wash, course S. 20° E. Road running E and W., brs. S. of line, 2.50 chs. dist. at this point:
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

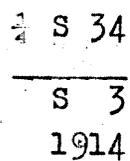


- 44.00 Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. Wash, course SW.
- 69.00 Enter road from Alamo to Congress Junction, brs. S. 85° W. and E.
- 75.00 Leave same, brs. N. 85° E. and W.
- 80.00 Set an iron 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, undulating, draining S. Soil, volcanic ash and sandy, with gypsum subsoil, 2nd rate. Undergrowth, greasewood, Joshua trees and cactus. No timber.

- 3.00 N. 89° 59' E., bet. secs. 3 and 34. Over undulating land, thru. scattering undergrowth. Wash, course S. 30° W.
- 16.00 Enter road from Congress Junction to Alamo, brs. E. and N. 85° W.
- 24.60 Leave same, brs. S. 75° E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

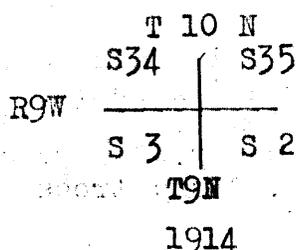


Dig pits 18x18x12 ins., E. and W. of cor., 4 ft. dist.,

## 20. North boundary of Township 9 North, Range 9 West.

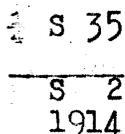
Chains.

- and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 56.80 Wash, course SW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

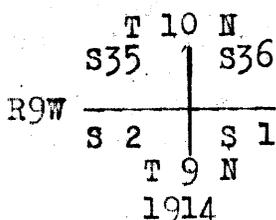


Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, undulating, slopes gently to the south. Soil, volcanic ash and sandy, with gypsum subsoil, 2nd rate. Undergrowth, greasewood and several varieties of cactus with Joshua trees and ocotillo, scattered over the ground. No timber.

- N.  $89^{\circ}59'$  E., bet. secs. 2 and 35.  
Over undulating land, through scattering undergrowth and Joshua trees.
- 23.00 Wash, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

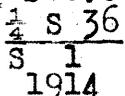


- Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 52.00 Road from Alamo to Congress Junction brs. N.  $75^{\circ}$  E. and S.  $75^{\circ}$  W.
- 61.00 Wash, course SW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling or undulating, draining SW. Soil, volcanic ash, with gypsum subsoil, 2nd rate. Undergrowth, scattering greasewood and cactus, with Joshua trees and ocotillo. No timber.

- N.  $89^{\circ}59'$  E., bet. secs. 1 and 36.  
Over undulating land, through scattering undergrowth and Joshua trees.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



North boundary of Township 9 North Range 9 West. 21.

Chains.  
 Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 40.30 Wash, course S.  
 56.90 Wash, 2 ft. deep, 20 lks. wide, course S.  
 80.00 The cor. of Ts. 9 and 10 N., Rs. 8 and 9 W., hereinbefore described.  
 Land very gentle S. slope.  
 Soil, sandy with gypsum subsoil, 2nd rate.  
 Undergrowth, greasewood and cactus, with scattering Joshua trees and ocotillo.  
 No timber.

L.E.W.

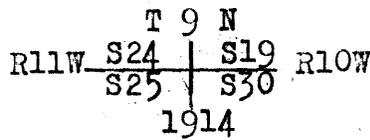
Boundaries of Township 9 North, Range 9 West.  
 Latitudes, Departures and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (2nd. Std. Par. N.)	West,	480.14				480.14
West boundary,	North,	480.00	480.00			
North boundary,	N. 89° 59' E.	479.95	.16		479.95	
East boundary,	South,	480.00		480.00		
Convergency,					.49	
	Totals,		480.16	480.00	480.44	480.14
			480.00		480.14	
	Error in latitude,		.16			
	Error in departure,				.30	

## 22. East boundary of Township 9 North, Range 11 West.

Chains.	H.P.
	From standard cor. of T. 9 N., Rs. 10 & 11 W., which is an iron post, 3 ins. diam., 12 ins. above ground, with brass cap, marked & witnessed as described by the surveyor general, North, on a random line, bet. secs. 31 and 36.
40.68	Fall 16 lks. E. of $\frac{1}{4}$ sec. cor., previously set under this group. Continue line and measurement.
80.61	Fall 13 lks. W. of cor. of secs. 25, 30, 31 & 36, previously set under this group.
	The true course & dist. of this Tp. bdy. bet. secs. 31 & 36 is therefore N 0° 6' E., 80.61 chs. The area on each side of the Tp. bdy. in this portion of the line not having been previously surveyed, but is now to be surveyed under same group, it becomes necessary to move the $\frac{1}{4}$ sec. cor. to true line bet. Tp. cor. and sec. cor., & at 40.00 chs. from the latter, thus placing the error in measurement against the 2nd Std. Parallel N. as described, as follows: N. 0° 6' E., on a true line, bet. secs. 31 and 36.
	Over mountainous land, thru. dense brush.
12.54	Descend 315 ft. over NE. slope, to Wash, 20 lks. wide, course NE. Continue over NE. slope.
	Descend 415 ft. to
28.26	Wash, 50 lks. wide, course NW. Desc. 110 ft. on NW. slope.
37.67	Wash, 50 lks. wide, course NW. Ascend 50 ft. on SW. slope, to
40.61	Remove from its former position the iron post 3 ft. long, 1 in. in diam., with brass cap, & reset it 26 ins. in the ground, at this point, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S36 S31 1914 and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend 90 ft. over broken SW. slope.
65.20	Ridge, brs. NW. and SE. Descend 496 ft. over NE. slope of same.
80.61	Intersect cor. of secs. 25, 30, 31 and 36, previously set under this group, which is an iron post 3 ft. long, 3 ins. in diam., 12 ins. above ground, with brass cap, marked T 9 N S25   S30 R11W   R10W S36   S31 1914 witnessed by mound of stone, 4 ft. base, 3 ft. high, W. of cor. From the cor. a cross (x) on a granite stone 2x2 ft. above ground in steep NW. slope, brs. S. 60° E., 13 lks. dist., with B031 marked beside the cross. Land, mountainous & broken. Soil, rocky, with little loam. Undergrowth, scrub oak, greasewood & cactus; scanty growth of grass affords pasturage for a limited number of animals. No timber. H.P.
-----	
	L.E.W.
	North, bet. secs. 25 and 30.
	Over mountainous land, thru. scattering undergrowth. Desc. 10 ft.
0.30	Gulch, course N. 30° W. from SE.
6.00	Gulch, course W. Ascend 60 ft.
8.00	Top of spur, slopes W. Descend 60 ft.
15.00	Gulch, course W. Ascend 125 ft.
22.00	Top of spur, slopes W. Descend.
27.00	Head of draw, draining W. Ascend.
32.00	Top of spur, slopes W. Descend 175 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S25   S30 1914 and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 75 ft.
50.00	Wash, course N. 80° W. Ascend 275 ft.
60.00	Top of spur, slopes N. 60° W. Descend 175 ft.
78.00	Wash, course NW. Thence along W. slope.
80.00	Set an iron post, 3 ft. long, 3 in. in diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

chains.



and raise a mound of stone 3 ft. base, 2 ft. high W. of cor.

Land, mountainous.

Soil, light loam and rocky, affording scanty pasturage for a few animals.

Undergrowth, greasewood and cactus.

No timber.

North, bet. secs. 19 and 24.

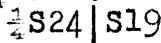
Over mountainous land, through scattering undergrowth.

Descend 50 ft. along W. slope.

6.00 Gulch, course W. Ascend 150 ft.

20.00 Top of spur, slopes NW. Descend 425 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

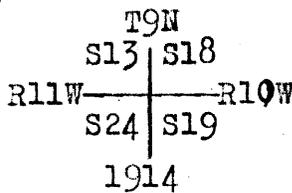
45.50 Gulch, 20 ft. deep, course NW.

Ascend 75 ft.

51.00 Top of spur, slopes E. Descend gradually.

75.00 Wash, course NE.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



and raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, scanty and rocky of little value, affording scanty pasturage in the wet season.

Undergrowth, scattering greasewood and cactus.

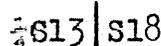
No timber.

North, bet. secs. 13 and 18.

Over mountainous land, through scattering undergrowth. Descending gradually 100 ft. to  $\frac{1}{4}$  sec. cor.

9.00 Road to Miller's ranch brs. S.40°W. and N.40°E.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Descend 75 ft. to sec. cor.

58.00 Wash, 15 ft. deep, 2.00 chs. wide, course N.30° W.

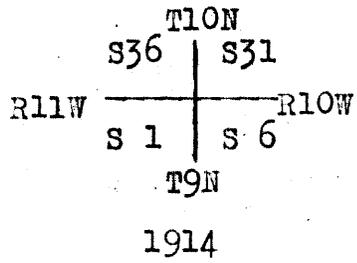
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



BCOK 3223

East boundary of Township 9 North, Range 11 West. 25

Chains.



Dig pits 24x24x12 ins., N., E. and W. 4 ft., and S. of cor., 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, mountainous and level.

Soil; alluvial bottom and gravelly upland, 1st and 4th rate.

Undergrowth, greasewood, palo verde, mesquite and catclaw.

No timber.

L.E.W.



Chains

L.E.W.  
From the cor. of Ts. 9 and 10 N., Rs. 9 and 10 W., hereinbefore described,  
West, on a random line on N. bdy. of Tp. 9 N., R. 10 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 474.99 chs. intersect the E. bdy. of T. 9 N., R. 11 W., 18 lks. S. of the cor. of Ts. 9 and 10 N., Rs. 10 and 11 W., hereinbefore described.

Thence,  
S.  $89^{\circ} 59'$  E., on a true line, bet. secs. 6 and 31.  
Over nearly level bottom land, through scattering undergrowth.

8.00 Wash, course S., joins wash from east, 50 lks. S. of line.  
34.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 31

S 6

1914

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

46.40 Wash, 1 ft. deep, 40 lks. wide, course SW.  
50.00 Leave level bottom, enter rolling land, bearing NW. and SE.  
57.00 Wash, course S.  
60.00 Wash, course SW. This wash turns to the west, and runs near the line, and is noted at 8.00 ch. station of this mile.  
74.99 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

	T10N	
	S31	S32
R10W	S 6	S 5
	T9 N	

1914

from which,

A mesquite, 6 ins. diam., brs. N  $61\frac{1}{2}^{\circ}$  W., 32 lks. dist., marked T 10 N R 10 W S 31 B T.

Dig pits 18x18x12 ins., in each sed.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, nearly level and rolling.  
Soil alluvial bottom and sandy upland; 2nd and 3rd rate. Undergrowth, greasewood, mesquite and cactus.  
No timber.

S.  $89^{\circ} 59'$  E., bet. secs. 5 and 32.  
Over rolling land, thru. scattering undergrowth.

15.00 Dim old road, brs. N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 32

S 5

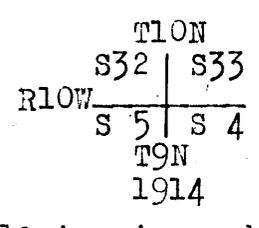
1914

Dig pits 18x18x12 ins. E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in

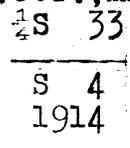
North bdy. of Township 9 North, Range 10 West. 27.

Chains. the ground for cor. of secs. 4, 5, 32 and 33, marked on brass cap,



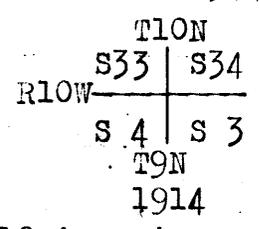
Dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling, drains S. Soil, coarse and sandy, 3rd rate.  
Undergrowth, greasewood, mesquite and cactus.  
No timber.

40.00 S. 89° 59' E., bet. secs. 4 and 33.  
Over rolling land, thru. scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



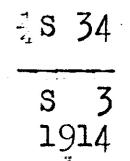
65.25 Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.  
Wash, course SW.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



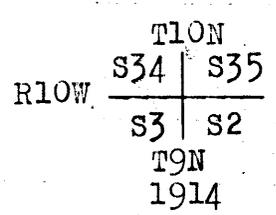
Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy, with firmer subsoil, 3rd rate.  
Undergrowth, greasewood, mesquite and cactus.  
No timber.

40.00 S. 89° 59' E., bet. secs. 3 and 34.  
Over rolling land, thru. scattering undergrowth.  
Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



52.50 Dig pits 18x18x12 ins., E and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.  
Wash, course SW.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,



Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling. Soil, sandy, 2nd rate.  
Undergrowth, greasewood and cactus.  
No timber.

27.00 S. 89° 59' E., bet. secs. 2 and 35.  
Over rolling land, thru. scattering undergrowth.  
Road from Congress Junction to Alamo, brs. S 75° E. and N. 75° W.  
32.00 Gulch, 25 ft. deep, course NE. Leave rolling, enter broken

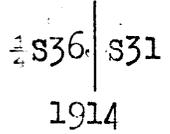


East boundary of Township 9 North, Range 12 West. 29

Chains.

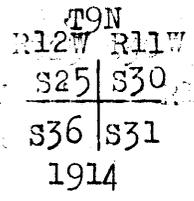
H.N.B.  
From the standard cor. of T.9 N., Rs.11 and 12 W., which is an iron post 3 ins. in diam., 12 ins. above ground, properly set, marked and witnessed as described by the surveyor general,

- North, bet. secs. 31 and 36.
- Over rolling land, thru. dense undergrowth.
- Descend gradually.
- 2.40 Wash, 6 lks. wide, 3 ft. deep, course NW.
- 7.00 Wash, 20 lks. wide, 3 ft. deep, course NW.
- 14.70 Wash, 15 lks. wide, 2 ft. deep, course NW.
- 16.00 Wash, 25 lks. wide, 3 ft. deep, course NW. Leave rolling land; ascend 100 ft. to
- 21.20 Ridge, brs. NW. and SE. Descend 145 ft. to
- 30.90 Wash, 12 lks. wide, 2 ft. deep, course NW. Thence over rolling land, descending gradually.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- 41.20 Wash, 20 lks. wide, 2 ft. deep, course NW.
- 54.10 Wash, 15 lks. wide, 3 ft. deep, course NW.
- 59.80 Wash, 8 lks. wide, 2 ft. deep, course NW. Ascend 20 ft. to
- 63.60 Descend 45 ft. to
- 77.80 Wash, 8 lks. wide, 2 ft. deep, course NW. Ascend to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked on brass cap,

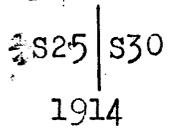


and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, heavily rolling, drains NW.  
Soil, 4th rate.  
No timber.  
Undergrowth, catclaw, ocotillo and greasewood.

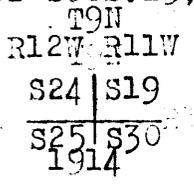
North, bet. secs. 25 and 30.  
Over rolling land, thru. scattering undergrowth.

- 2.60 Prospect hole, brs. W. 3 chs. dist.
- 24.40 Road brs. NE. to Mine and SW. to Wenden.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 2 ins. in the ground, on solid rock, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- 44.40 Wash, 10 lks. wide, 1 ft. deep, course NW.
- 48.20 Old road brs. NW to Alamo and SE. to mine.
- 61.20 Wash, 10 lks. wide, 2 ft. deep, course NW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



## BOOK 3223

30: East boundary of Township 9 North, Range 12 West.

Chains

and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, mesquite and greasewood.

North, bet. secs. 19 and 24.

Over rolling land, thru scattering undergrowth.

- 1.20 Wash, 50 lks. wide, 3 ft. deep, course NW. Ascend 45 ft.  
 3.60 Descend 40 ft. to  
 13.00 Wash, 8 lks. wide, 2 ft. deep, course NW.  
 15.70 Wash, 10 lks. wide, 2 ft. deep, course NW. Ascend 30 ft.  
 20.10 Ridge, brs. NW. and SE. Descend 25 ft.  
 27.10 Wash, 15 lks. wide, 3 ft. deep, course NW. Ascend 20 ft.  
 31.10 Ridge, brs. NW\* and SE. Descend 60 ft. to  
 39.00 Wash, 12 lks. wide, 2 ft. deep, course NW. Thence over gently rolling land.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S24 | S19

1914

and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

- 40.50 Wash, 15 lks. wide, 2 ft. deep, course NW.  
 46.80 Wash, 90 lks. wide, 3 ft. deep, course NW. Ascend 25 ft.  
 52.30 Ridge, brs. NW and SE. Descend 25 ft.  
 59.60 Wash, 12 lks. wide, 3 ft. deep, course NW. Ascend 15 ft.  
 64.00 Ridge, brs. NW and SE. Descend 35 ft.  
 68.80 Wash, 8 lks. wide, 1 ft. deep, course NW. Ascend 15 ft.  
 72.10 Ridge, brs. NW and SE. Descend to  
 76.80 Wash, 5 lks. wide, 1 ft. deep, course NW. Thence over gently rolling land.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

T9N

R12W R11W  
 S13 | S18

S24 | S19

1914

and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land rolling.

Soil, rocky, 4th rate. No timber.

Undergrowth, mesquite and greasewood.

North, bet. secs. 13 and 18.

Over gently rolling land, thru scattering undergrowth.

Ascend slightly to

- 18.50 Low ridge, brs. NW. and SE. Descend gradually.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S13 | S18

1914

and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

- 41.70 Enter rocky wash, 4 ft. deep, course NW.  
 56.80 Leave wash, course NW. Ascend.  
 73.30 Descend 50 ft. to  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., on bedrock, in a mound of stone for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

East boundary of Township 9 North, Range 12 West. 31.

Chains.

T9N	
R12W	R11W
S12	S 7
-----	
S13	S18
1914	

and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling. Soil, rocky, 4th rate. No timber. Undergrowth, greasewood, ocotillo and palo verde.

North, bet. secs. 7 and 12.

Over rolling land, thru. scattering undergrowth.

- 3.50 Wash, 75 lks. wide, 2 ft. deep, course NE. Road in wash, brs. NE. to Alamo and SW. to Wenden, Ascend 30 ft.
- 6.50 Descend 25 ft. to
- 11.60 Wash, 75 lks. wide, course E. Thence along E. slope.
- 12.80 Wash, 40 lks. wide, 5 ft. deep, course E.
- 38.60 Wash, 40 lks. wide, 2 ft. deep, course NW. Road in wash, brs. NW. to Alamo and SE. to Wenden. Thence over land subject to overflow.
- 40.00 Set an iron post 3 ft. long, 1 in. indiam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, ¼ S12 S 7

1914

and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

- 68.50 Wash, 15 lks. wide, 2 ft. deep, course NW.
- 70.90 Wash, 35 lks. wide, 2 ft. deep, course NW. Ascend 30 ft.
- 71.50 Rocky spur, slopes NW. Descend to
- 78.00 Wash, 100 lks. wide, 2 ft. deep, course NW. Ascend to
- 80.00 Set an iron post 3 ft. long, 3 ins. indiam., 12 ins. in the ground in a mound of stone, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

T9N	
R12W	R11W
S 1	S 6
-----	
S12	S 7
1914	

and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land rolling. Soil, rocky, 4th rate. No timber. Undergrowth, greasewood, ocotillo, and palo verde.

North, bet. secs. 1 and 6.

Over broken land, thru. scattering undergrowth.

- 4.75 Wash, 10 lks. wide, 2 ft. deep, course NW. Ascend to
- 21.00 Thence descend along E. slope, on ridge, brs. N. and S.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, ¼ S1 S 6

1914

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

- 45.50 Wash, 30 lks. wide, 1 ft. deep, course NW. Ascend 25 ft.
- 50.00 Descend rolling NW. slope, 20 ft.
- 59.00 Ascend 20 ft.
- 60.00 Descend 30 ft.
- 65.25 Wash, 35 lks. wide, 2 ft. deep, course E. Ascend 35 ft.
- 71.70 Old road, brs. NE. and SW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., marked on brass cap,

32. East boundary of Township 9 North, Range 12 West/

Chains.

T10N	
S36	S31E
R12W	R11W
S 1	S 6
1914	

from which,

A palo verde, 5 ins. in diam., brs. S  $67\frac{1}{2}^{\circ}$  E., 168 lks. dist., marked T 9 N R 11 W S 6 B T.

A palo verde, 8 ins. in diam., brs. N  $70^{\circ}$  W., 66 lks. dist., marked T 10 N R 12 W S 36 B T.

No other trees within limits. Dig pits 24x24x12 ins., N., E., and W. 4 ft., and S of cor., 8 ft. dist., and raise a mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.

Land, broken.

Soil, rocky, 4th rate.

No timber.

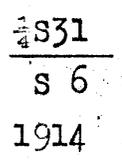
Undergrowth, greasewood, and palo verde.

H.N.B.

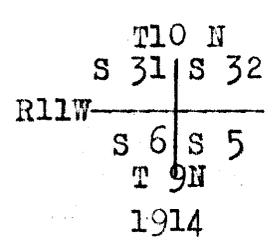
North boundary of Township 9 North, Range 11 West. 33

Chains.

H.N.B.  
 From the cor. of Ts. 9 and 10 N., Rs. 10 and 11 W. hereinbefore described,  
 West, on a random line, along N. bdy. of T. 9 N., R. 11 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 476.98 chs. fall 72 lks. N. of the cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., hereinbefore described.  
 Thence,  
 N. 89°55'E., bet. secs. 6 and 31.  
 Over broken mesa, thru. scattering undergrowth.  
 5.00 Leave mesa, bearing N. and S. Descend 60 ft.  
 11.00 Foot of descent, enter rocky gentle N. slope.  
 19.60 Wash, 2 ft. deep, 10 lks. wide, course N. 30° W.  
 35.40 Wash, 1 ft. deep, 10 lks. wide, course N. 30° W.  
 36.98 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

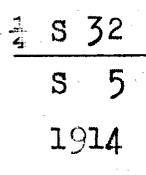


and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 37.50 Wash, 2 ft. deep, 15 lks. wide, course N.  
 42.30 Wash, 2 ft. deep, 15 lks. wide, course NE.  
 56.30 Wash, 2 ft. deep, 15 lks. wide, course NE.  
 73.40 Wash, 2 ft. deep, 20 lks. wide, course NW.  
 76.98 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, gradual N. slope and broken mesa.  
 Soil, rocky and gravelly, with little loam, 3rd rate.  
 Undergrowth, palo verde and greasewood.  
 No timber.

N. 89° 55' E., bet. secs. 5 and 32.  
 Over gradual N. slope, with numerous shallow washes, not well defined, through scattering undergrowth.  
 8.25 Wash, 25 lks. wide, course NW.  
 29.40 Wash, 35 lks. wide, course NW.  
 30.00 Old road brs. NE. and SW.  
 31.50 Wash, 2 ft. deep, 10 lks. wide, course NE.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

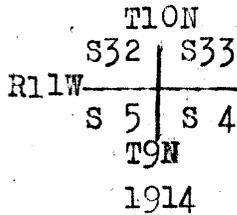


and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
 56.50 Wash, 2 ft. deep, 15 lks. wide, course NW.  
 70.00 Foot of knoll, brs. SE. and NW. Ascend 50 ft.  
 76.00 Top of knoll, brs. SE. 2.00 chs. and NW. 10.00 chs. Descend 50 ft.  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on

34. North boundary of Township 9 North, Range 11 West.

Chains.

brass cap,



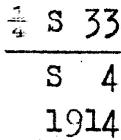
and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, generally gradual, N. slope.  
Soil, gravelly and rocky, 3rd rate.  
Undergrowth, greasewood and palo verde.  
No timber.

N. 89° 55' E. bet. secs. 4 and 33.

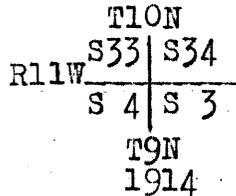
Over gradual N. slope, with numerous shallow washes not well defined, through scattering undergrowth.

- 1.00 Foot of knoll, bfs. NE. and SW.
- 4.00 Wash, 2 ft. deep, 10 lks. wide, course NW.
- 15.00 Wash, 1 ft. deep, 30 lks. wide, course NW.
- 19.45 Wash, 2 ft. deep, 70 lks. wide, course NW.
- 29.25 Wash, 2 ft. deep, 30 lks. wide, course NW.
- 39.20 Wash, 1 ft. deep, 6 lks. wide, course NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 52.50 Wash, 2 ft. deep, 12 lks. wide, course NW.
- 67.60 Wash, 2 ft. deep, 8 lks. wide, course NW.
- 72.40 Wagon road brs. NW. and SE.
- 74.35 Wash, 10 lks. wide, course NW. Ascend 45 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, gradual N. slope.  
Soil, gravelly, 3rd rate.  
Undergrowth, greasewood and palo verde.  
No timber.

N. 89° 55' E., bet. secs. 3 and 34.

Over rolling land, thru. scattering undergrowth.  
Descend 8 ft. to

- 3.70 Wash, 20 lks. wide, course NW.
- 13.25 Wash, 1 ft. deep, 2 lks. wide, course NW.
- 16.00 Ascend 15 ft.
- 19.60 Top of spur, slopes NW. Descend 40 ft.
- 21.55 Foot of descent. Wash, course NE. Ascend 30 ft.
- 23.00 Top of spur extends 2 chs. N.W. Descend.
- 28.00 Foot of descent brs. NW. and SE.
- 31.15 Wash, 2 ft. deep, 10 lks. wide, course NW.
- 34.00 Ascend 57 ft.

North boundary of Township 9 North, Range 11 West. 35.

Chains.

- 37.00 Top of ridge, brs. NW. and SE. Descend 36 ft. to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 34

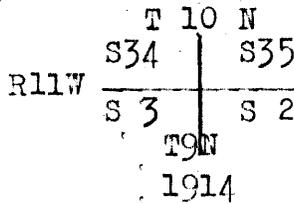
S 3

1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 15 ft.

- 41.75 Wash, 5 lks. wide, course NW.
- 46.15 Wash, 8 lks. wide, course NW. Continue over points of low spurs, sloping N.
- 55.00 Ascend 63 ft.
- 59.00 Top of ascent brs. N and S. Descend 64 ft.
- 64.00 Foot of descent, brs. NW. and SE.
- 79.65 Wash, 2 ft. deep, 12 lks. wide, course NW.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, rolling and broken; along edge of Bullard Wash. Soil, rocky and gravelly, 3rd rate. Undergrowth, greasewood and palo verde. No timber.

N. 89° 55' E., bet. secs. 2 and 35. Along south edge of bottom land, adjacent to Bullard Wash, through scattering undergrowth.

- 7.45 Wash, 2 ft. deep, 20 lks. wide, course NW.
- 10.60 Wash, 2 ft. deep, 15 lks. wide, course NW.
- 15.90 Wash, 2 ft. deep, 15 lks. wide, course NW.
- 21.10 Wash, 2 ft. deep, 20 lks. wide, course NW.
- 27.50 Wash, 1 ft. deep, 10 lks. wide, course NW.
- 33.90 Wash, 2 ft. deep, 4 lks. wide, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

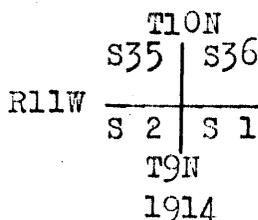
$\frac{1}{4}$  S 35

S 2

1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 41.00 Center of a branch of Bullard Wash, 2 chs. wide, course NW.
- 74.20 Wash, 2 ft. deep, 115 lks. wide, course NW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



and raise a mound of stone 3 ft. base, 1 1/2 ft. high, W. of cor.

36. North boundary of Township 9 North Range 11 West

Chains.

Land, rolling bottom, sloping NW.  
Soil, coarse sandy loam, 2nd rate.  
Undergrowth, greasewood, mesquite and catclaw.  
No timber.

N.89°55' E., bet. secs. 1 and 36.

Over bottom land, thru. scattering undergrowth.

- 0.10 Enter wash, 2 ft. deep, course NW.; thence up wash.
- 1.30 Leave wash, comes from SE.
- 3.80 Wash, 2 ft. deep, 20 lks. wide, course NW.
- 14.50 Wash, 1 ft. deep, 20 lks. wide, course NW.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec. cor., marked on brass cap,

S 36

S 1

1914

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

- 42.00 Bullard wash, 2 chs. wide, 2 ft. deep, course NW.
- 56.80 Wash, 2 ft. deep, 40 lks. wide, course NW.
- 60.40 Wash, 1 1/2 ft. deep, 50 lks. wide, course NW.
- 64.70 Wash, 2 ft. deep, 70 lks. wide, course NW.
- 68.00 Wash, 2 ft. deep, 50 lks. wide, course NW.
- 76.00 Wash, 2 ft. deep, 15 lks. wide, course NW.
- 80.00 The cor. of Ts. 9 and 10 N., Rs. 10 and 11 W., hereinbefore described.

Land, rolling bottom.

Soil, sandy and gravelly, 2nd rate.

Undergrowth, scattering greasewood, mesquite and catclaw.  
No timber.

H.N.B.

Boundaries of Township 9 North, Range 11 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary (2nd. Sta. Par. N.)	S. 89° 56' W.	477.46		0.56		477.46
West boundary,	North,	480.00	480.00			
North boundary	N. 89° 55' E.	476.98	0.70		476.98	
East boundary,	South,	400.00		400.00		
East boundary,	S. 0° 6' W.	80.61		80.61	0.49	.13
Convergency	Totals.		480.70	480.56	477.49	477.46
	Totals		480.70	481.17	477.49	477.59
	Error in latitude		0.14	480.70		477.47
	Error in departure,			0.47	0.01	
	Error in departure					0.12

Chains.

L.E.W.  
From the cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., hereinbefore described,  
West, on a random line, along N. bdy. of T; 9 N., R. 12 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 482.10 chs. fall 18 lks. N. of the true point for cor. of Ts. 9 and 10 N., Rs. 12 and 13 W. on the 3rd Guide Meridian West, which point is witnessed by an iron post 160 lks. S., as described in Book "B."

From true point for Tp. cor.,  
N. 89° 59' E. on a true line, bet. secs. 6 and 31.  
Magnetic declination 15° 00' E.

Over mountainous land, quite rough, through scattering undergrowth.

Ascend 100 ft. along steep N. slope.

19.30 Top of spur, slopes N. 60° E. Descend 250 ft. to  
42.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 31  
S 6  
1914

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 160 ft.

71.10 Gulch, 20 lks. wide, course S. 80° E.

Ascend 40 ft.

75.10 Top of spur, slopes S. Descend 50 ft.

80.65 Gulch, 20 lks. wide, course NE. Ascend 20 ft. to

82.10 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

FLON  
S 31 - S 32  
R12W | S 6 | S 5  
T9N  
1914

and raise a mound of stone 3 ft. base, 3 ft. high, W. of cor. From the cor. a cross (x) on a sandstone 2x2x2 ft. above ground, brs. S. 40° E. 5 lks. dist., marked with B O 5 beside the cross.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

Vegetation, scattering greasewood, palo verde and cactus undergrowth.

No timber.

N. 89° 59' E., bet. secs. 5 and 32.

Over mountainous land, throu. scattering undergrpwth.

Descend 25 ft.

3.00 Gulch, 30 lks. wide, course N. Ascend 60 ft.

8.00 Top of spur, slopes N. Descend 60 ft.

13.00 Gulch, 10 lks. wide, course N. Ascend 100 ft.

20.00 Top of spur, slopes N. Descend 100 ft.

25.00 Gulch, 15 lks. wide, course N. Ascend 160 ft.

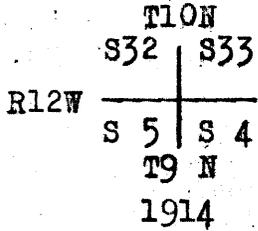
35.00 Top of spur, slopes N. Descend 70 ft. to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 32  
S 5  
1914

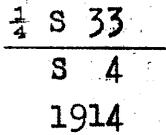
38. North boundary of Township 9 North, Range 12 West.  
Chains.

- and raise a mound of stone  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.
- Descend 40 ft.
- 45.00 Gulch, course N. Ascend 250 ft.
- 65.00 Summit of ridge, brs. NE. and S.  $75^\circ$  W. Descend steep E. slope, 225 ft.
- 75.30 Gulch, 10 lks. wide, course SE. Ascend along S. slope, 50 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

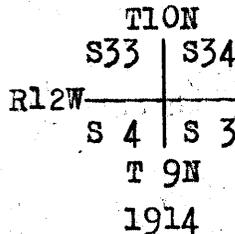


and raise a mound of stone 4 ft. base, 3 ft. high, W. of cor.  
 Land, mountainous.  
 Soil, rocky, with scanty loam, 4th rate.  
 Undergrowth, greasewood, palo verde and cactus.  
 No timber.

- N.  $89^\circ 59'$  E., bet. secs. 4 and 33.
- Over mountainous land, thru. very scattering undergrowth.
- Along steep, broken S. slope. ascending.
- 18.00 Gulch, course S.
- 26.20 Wash, 5 lks. wide, course SE.
- 35.70 Top of spur, 125 ft. above sec. cor., slopes S. Descend 170 ft. to
- 40.00 Gulch, course NE. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap.



- and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
- Ascend.
- 50.00 Top of ridge, brs. SE. and NW. Descend.
- 69.70 Gulch, course NE.
- 80.00 330 ft. below  $\frac{1}{4}$  sec. cor., set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, marked on brass cap, for cor. of secs. 3, 4, 33 and 34.



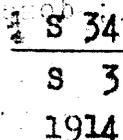
and raise a mound 3 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous, soil, scanty loam, and rocky, 4th rate.  
 Undergrowth, greasewood and palo verde.  
 No timber.

N.  $89^\circ 59'$  E. bet. secs. 3 and 34.  
 Over heavily rolling land, through scattering undergrowth.  
 Descend 90 ft. to

North boundary of Township 9 North, Range 12 West. 39.

Chains  
40.00

Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

48.50

Wash, course NE.

56.50

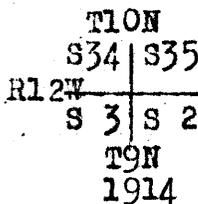
Top of low spur, slopes NE.

70.00

Wash, course NE.

80.00

Set an iron 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous or heavily rolling.

Soil, light loam and rocky, 4th rate.

Undergrowth, greasewood, palo verde and cactus.

No timber.

N. 89° 59' E., bet. secs 2 and 35.

Over rolling land, thru. medium dense undergrowth.

7.00

Road from Alamo to Wenden, brs. NE. and SW.

21.40

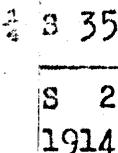
Wash, 50 lks. wide, course NE.

32.80

Wash, 30 lks. wide, course N.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

43.00

Wash, course N. Enter wide flat, rocky bottom, brs. N. and S.

55.00

Ascend 25 ft. to

58.00

Rim of mesa brs. NW. and SE. Thence over mesa.

70.25

Wash, 5 ft. deep, 100 lks. wide, course N.

79.00

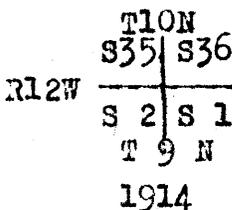
Gullah, course N.

79.00

Ascend 6 ft. to

80.00

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, sandy and gravelly, 4th rate.

Vegetation, greasewood, palo verde and cacti. No timber.

40 North boundary of Township 9 North, Range 12 West.

12.30 N.89° 59' E., bet. secs.1 and 36.  
 Over mesa, cut by gulches, draining N.  
 14.00 Rim of mesa, brs. N. and S.; descend 20 ft.  
 27.00 Wash, course N.  
 Wash, 40 lks. wide, course NW.  
 Continue in rocky bottom land.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap.

$\frac{1}{4}$  S 36  
 S 1  
 1914

and raise a mound of stone 3 ft. base, 2 ft. high, N.  
 of cor.

55.85 Wash, course N. Leave flat; ascend 25 ft.  
 56.10 Rim of mesa, brs. NW and SE. Thence over mesa.  
 57.75 Road brs. N. 20° W. and S. 20° E.  
 75.80 Gulch, 6 ft. deep, 100 lks. wide, course N.  
 78.70 Gulch, 15 ft. deep, 150 lks. wide, course N.  
 80.00 The cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., hereinbefore  
 described.  
 Land, rolling and broken, not rough.  
 Soil, rocky and gravelly with scanty loam, 4th rate.  
 Vegetation, greasewood, palo verde and cacti.  
 No timber. L.E.W.

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 Boundaries of Township 9 North, Range 12 West.  
 Latitudes, Departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (2nd. Std. Par. N).	West,	482.68				482.68
West boundary, (3rd. Guide Mer. West)	North,	80.00	80.00			
	N. 0° 3' W., North,	320.00 80.00	320.00 80.00			.28
North boundary,	N. 89° 59' E.	482.10	.18		482.10	
East boundary, Convergency,	South,	480.00		480.00		
	Totals.		480.18 480.00	480.00	.49 482.59	482.96
	Error in latitude.		.18			
	Error in departure.				0.63	

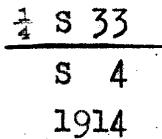
Completion of North boundary of Township 10 N., R. 12 W. 41.

Chains.

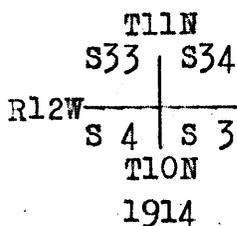
J. E. W.  
From the cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., North, on random line along E. bdy. of T. 10 N., R. 12 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 480.00 chs. set temp. cor. of Ts. 10 and 11 N., Rs. 11 and 12 W.

Thence West, on a random line to determine the location of N. bdy. of T. 10 N., R. 12 W.  
At 322.10 chs. fall 10.08 chs. S. of the original cor. of secs. 4, 5, 32 and 33 of Ts. 10 and 11 N., R. 12 W., which is an iron post 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence East, between secs. 4 and 33.  
Over level bottom land, through scattering undergrowth, across Bullard Wash, course NW.  
10.00 Leave bottom land; ascend bank 20 ft. high, bearing N. 65° W., and S. 75° E.  
10.75 Top of bank, enter rolling mesa.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

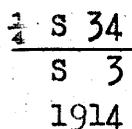


80.00 Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling and level.  
Soil, sandy and gravelly, 2nd rate.  
Undergrowth, greasewood, palo verde and cactus.  
No timber.

40.00 East bet. secs. 3 and 34.  
Over rolling land, thru. scattering undergrowth.  
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



80.00 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., from which  
A palo verde 8 ins. in diam., brs. S 68 $\frac{1}{2}$ ° W., 88 lks. dist., marked  $\frac{1}{4}$  S 3 B T.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

42. Completion of North boundary of Township 10 North, Range 12 W.

Chains.

T11N	
S34	S35
R12W	
S 3	S 2
T10N	
1914	

Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy and gravelly; 2nd rate. Undergrowth, greasewood. No timber.

18.50  
40.00

East, bet. secs. 2 and 35. Over rolling land, thru. scattering undergrowth. Road from Alamo to Wenden brs. NW. and SE. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

¼ S 35
S 2
1915

51.40  
80.00

Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. Road from Congress Junction to Big Sandy river, brs. NW\* and SE. Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T11N	
S35	S36
R12W	
S 2	S 1
T10N	
1915	

Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy and rocky, 2nd rate. Undergrowth, greasewood, cactus and ocotillo. No timber.

40.00

East, bet. secs. 1 and 36. Over rolling land, thru. scattering undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

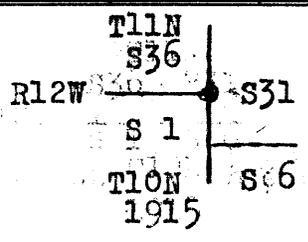
¼ S 36
S 1
1915

80.00

Dig pits 18x18x12 ins., E and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. Knowing from the location of this line in relation to the temp. Tp. cor. that two township cors. will be required, one relating to Ts. 10 and 11 N., R. 11 W. and one relating Ts. 10 and 11 N., R. 12 W., at this point establish the latter cor., as follows: Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 10 and 11 N., R. 12 W., marked on brass cap,

Completion of North boundary of Township 10 North, Range 12 W. 43

Chains

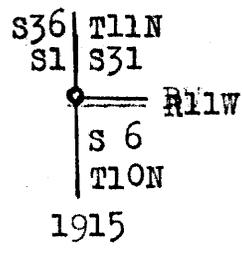


82/10 Dig pits 30x24x12 ins., crosswise on each line N. and S. 4 ft., and W. of cor., 8 ft. dist., and raise a mound of earth 5 ft. base, 2 1/2 ft. high, W. of cor.  
 A point 10.08 chs. N. of temp. Tp. cor., hereinbefore described.  
 Land, rolling.  
 Soil, sandy loam and gravelly, 2nd rate.  
 Undergrowth, greasewood, cactus and ocotillo.  
 No timber,

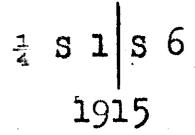
EAST BOUNDARY OF TOWNSHIP 10 N., R. 12 WEST.

10.08 The cor. of Ts. 10 and 11 N., R. 12 W. hereinbefore described being 2.10 chs. W., and 10.08 chs. N. of the temp. Tp. cor. set 480 chs. N. of cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., the true course and length of the E. bdy. of T. 10 N., R. 12 W. is therefore S. 0° 15' E., 490.08 chs.  
 From cor. of Ts. 10 and 11 N., R. 12 W.,  
 S. 0° 15' E. on E. bdy. of sec. 1.  
 Over rolling land, through scattering undergrowth.  
 From this point, the temp. Tp. cor. hereinbefore described brs. E. 206 lks. dist.; therefore, at a point 206 lks. W. of the temp. Tp. cor., establish the cor. of Ts. 10 and 11 N. R. 11 W., as follows:

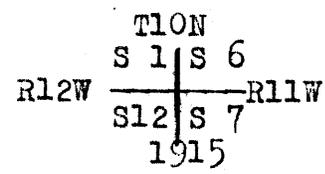
Set an iron post 3 ins. diam., 3 ft. long, 24 ins. in the ground, marked on brass cap,



13.38 Dig pits 30x24x12 ins., crosswise on each line N. and S. 4 ft., and E. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2 1/2 ft. high, E. of cor.  
 50.08 Coninue line and measurement of E. bdy. of sec. 1.  
 Road Congress Junction to Alamo, brs. S 80° E. and N. 80° W. (40.00 chs. S. 0° 15' E. of cor. of Ts. 10 and 11 N., R. 11 W.),  
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor. of secs. 1 and 6, marked on brass cap,



88.68 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.  
 Road from Congress Junction to Alamo brs. N. 55° W. and S. 55° E.  
 90.08 (80.00 chs. S. 0° 15' E. of cor. of Ts. 10 and 11 N., R. 11 W.) Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



## 44. East boundary of Township 10 Northm Range 12 West.

Chains

dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy loam, 2nd rate.  
Undergrowth, greasewood and cactus.  
No timber.

40.00 S.  $0^{\circ}15'$  E., bet. secs. 7 and 12.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4}S12 \mid S 7 \\ 1915 \end{array}$$

80.00 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

$$\begin{array}{c} T10N \\ S12 \mid S 7 \\ R12W \mid R11W \\ S13 \mid S18 \\ 1915 \end{array}$$

Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy loam, 2nd rate.  
Undergrowth, greasewood and cactus.  
No timber.

40.00 S.  $0^{\circ}15'$  E., bet. secs. 13 and 18.  
Over rolling land, through medium undergrowth.  
Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4}S13 \mid S18 \\ 1915 \end{array}$$

66.00 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

76.00 Leave bench land, a wash, 50 lks. wide, course W.  
Enter bottom land, brs. E and W.

80.00 Flat wash, 230 lks. wide, course W.

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

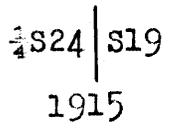
$$\begin{array}{c} T 10 N \\ S13 \mid S18 \\ R12W \mid R11W \\ S24 \mid S19 \\ 1915 \end{array}$$

Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling,  
Soil, sandy loam, 2nd rate.  
Undergrowth, greasewood, cactus and mesquite.  
No timber.

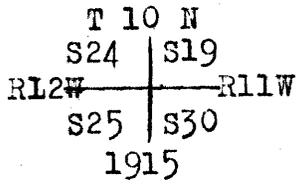
East boundary of Township 10 North, Range 12 West.

Chains.

- S.0°15' E., bet. secs.19 and 24.
- Over nearly level bottom land, through medium undergrowth.
- 23.30 Center of dry channel of Bullard wash, 6 chs.wide, course NW.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,

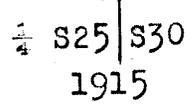


- Dig pits 18x18x12 ins., N.and S. of cor.,3 ft. dist.,and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.high, W.of cor.
- 71.50 Leave bottom. Ascend 40 ft.
- 74.50 Top of bank, brs.N.30°W. and S.30°E. Descend 15 ft.to
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.19,24,25 and 30, marked on brass cap,

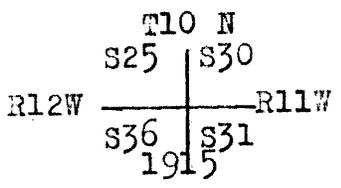


Raise a mound of stone 3ft. base, 2 ft.high,W.of cor.  
 Pits impracticable.  
 Land, rolling.  
 Soil, sandy and gravelly, 3rd rate.  
 Undergrowth, greasewood, mesquite and palo verde.  
 No timber.

- S.0°15' E., bet. secs. 25 and 30.
- Over broken, mesa land, thru. scattering undergrowth.
- 3.90 Wash, course NW.
- 8.25 Same wash, course N.30°E. Ascend 20 ft.
- 12.00 Top of ridge, brs.NW. and SE. Descend 20 ft.
- 16.00 Irregular gulch, general course N.30° W. Ascend 25 ft.
- 23.00 Top of ridge, brs.NW. and SE. Descend 25 ft.
- 29.80 Gulch, course N. 30°W. Ascend.
- 40.00 60 feet above sec.cor., set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor.,marked on brass cap,



- Dig pits 18x18x12 ins., N.and S.of cor.,3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,W.of cor.
- 73.00 Gulch, 6 ft. deep, course N.20° W.
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.25,30,31 and 36; marked on brass cap,

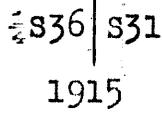


and raise a mound of stone 3 ft.base, 2 ft.high,W.of cor.  
 Land,broken mesa, with gradual N.slope.  
 Soil, rocky, 4th rate.  
 Undergrowth, greasewood and palo verde.  
 No timber.

46. East boundary of Township 10 North, Range 12 West

Chains

40.00 S. 0°15'E., bet. secs. 31 and 36.  
Over broken mesa, through scattering undergrowth.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



69.00 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

74.00 Descend 20 ft. on SW. slope.

80.00 Gulch, course N. 30° E. Ascend 25 ft.

The cor. of Ts. 9 and 10 N., Rs. 11 and 12 W., hereinbefore described.

Land, broken mesa, sloping gradually to the north.

Soil, rocky, 4th rate.

Undergrowth, greasewood and palo verde.

No timber.

L. E. W.

Boundaries of Township 10 North, Range 12 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	S. 89°59' W.	482.10		0.18		482.10
West boundary (3rd. Guide Mer W.)	N. 0°1' W.	490.56	490.56			0.14
North boundary,	East,	479.01			479.01	
East boundary,	S. 0°15' E.	490.08		490.08	2.10	
Convergency,					0.49	
Totals,			490.56	490.26	481.60	482.24
			490.26			481.60
Error in latitude,					.30	
Error in departure,					.64	

Chains.

L.E.W.

Dec. 5, 1914. On a line carefully set out by solar observation, I carefully note the time of the Sun's passage of the true meridian, and set my watch to agree with local mean time for the longitude of my camp, which is 10.00 chs. west of the corner of secs. 23, 24, 25 and 26 of T. 10 N., R. 11 W.; long. 113° 22' W. from Greenwich, and latitude 34° 11' N.

Dec. 6, 1914. At my camp as above described at 6h. 44.5m. a.m., l.m.t., I observe Polaris, and note a conspicuous peak about 10 miles dist., brs. 43° 23' to the left of the star's position.

U. C. Polaris, Dec. 5, long. Greenwich 8h. 34.4m. p.m. Correction for this long. Subtract 1.3

True l.m.t. for culmination	8hr 33.1m.
L.M.T. of obs. Astron. time	18 44.5
Difference for time argument	10 11.4

Table, page 15 of Ephemeris gives azimuth of Polaris as 36.8' W. of north.

True bearing of the peak above described is 43° 23' plus 36.8' = 44° 00' - W. of N.

At 8h. a.m., l. m.t., I set off 22° 24' S. on the decl. arc; 34° 11' on the lat. arc, and determine a meridian with the solars of both instruments.

Transit No. 8541 shows bearing the peak to be N. 43° 59' W., and transit No. 7084 shows the bearing to be N. 43° 59½' W.

At each hour of sunshine on this date, I tested both instruments, and found no error in excess of that allowable under such circumstances.

I also again check my watch at noon, and find the time to be in substantial agreement.

I therefore conclude that the adjustments are satisfactory.

North, bet. secs. 31 and 36.

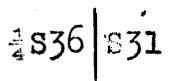
Over level bottom land, through scattering undergrowth.

5.90  
27.00  
40.00

Wash, course S. 75° W.

Wash, course west.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,



1914

Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

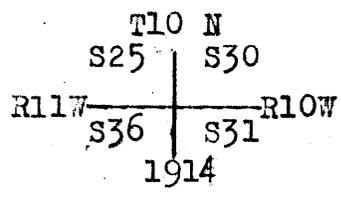
40.50  
49.50  
59.00  
80.00

Wash, course S. 50° W.

Old and dim road, brs. N. 75° W. and S. 75° E.

Old and dim road brs. S. 75° W. and N. 75° E.

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 36, marked on brass cap,



1914

Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level and gently rolling, drains W.

Soil, sandy, 2nd rate.

Undergrowth, low scattering greasewood.

No timber.

## BOOK 3223

48. East boundary of Township 10 North, Range 11 West.

Chains  
40.00 North, bet. secs. 25 and 30.  
Over gently rolling land, through scattering undergrowth.  
Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\frac{1}{4} S25 | S30$$

1914

55.60 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and  
58.80 raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of  
69.20 cor.  
Wash, 2 ft. deep, 50 lks. wide, course W.  
Congress Junction-Alamo road brs. E. and W.  
80.00 Wash in draw, 10 ft. deep, course N.  $75^\circ$  W. Enter broken  
land, bearing E. and W.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for cor. of secs. 19, 24, 25 and 30, marked on  
brass cap,

$$\begin{array}{c} T10 N \\ S24 | S19 \\ R11W \text{---} | \text{---} R10W \\ S25 | S30 \\ 1914 \end{array}$$

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise  
a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy, 2nd rate.  
Undergrowth, greasewood and palo verde.  
No timber.

North, bet. secs. 19 and 24.  
Over broken land, descending to Date Creek wash, through  
scattering undergrowth.  
Descend 225 ft. to  
35.00 Enter Date Creek wash, bank 10 ft. high, course W.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 28 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\frac{1}{4} S24 | S19$$

1914

52.00 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and  
80.00 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of  
cor.  
Leave bottom and ascend gradually, 75 ft. to  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for cor. of secs. 13, 18, 19 and 24, marked on  
brass cap,

$$\begin{array}{c} T10 N \\ S13 | S18 \\ R11W \text{---} | \text{---} R10W \\ S24 | S19 \\ 1914 \end{array}$$

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise  
a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, mountainous and rolling.  
Soil, sandy and gravelly, 3rd rate.  
Undergrowth, scattering mesquite and greasewood.  
No timber.

28.00 North, bet. secs. 13 and 18.  
Over rolling and broken land; ascend 50 ft.  
Top of ridge, brs. E. and W. Descend 100 ft. to

East boundary of Township 10 North, Range 11 West, 49.

Chains.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S13 | S18  
 1914

Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Ascend 30 ft.

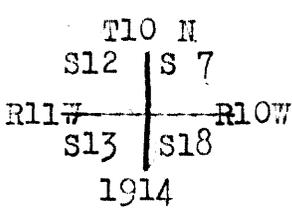
44.50 Top of ridge, brs. N. and W. Descend 30 ft.

53.25 Center of wash, 8 chs. wide, course W. Ascend 40 ft.

66.00 Top of spur, slopes SW. Descend 40 ft.

77.00 Center of wash, 150 lks. wide, course SW. Ascend SE. slope, 10 ft. to

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



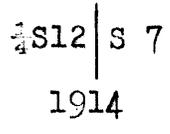
Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, broken. Soil, gravelly and rocky, 3rd rate. Undergrowth, scattering greasewood. No timber.

North, bet. secs. 7 and 12. Over broken land, ascend 50 ft.

4.50 Top of ascent; enter rolling land, bearing NE. and SW.

33.00 Wash, 2 ft. deep, 25 lks. wide, course SW.

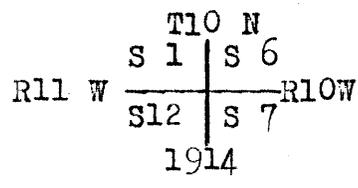
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth and stone  $3\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

60.50 Wash, 25 lks. wide,  $1\frac{1}{2}$  ft. deep, course W.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy loam, 2nd rate. Undergrowth, greasewood, palo verde and cactus. No timber.

North, bet. secs. 1 and 6. Over rolling land, through scattering undergrowth and Joshua trees.

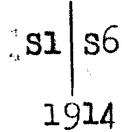
0.50 Enter wash, 2 ft. deep, 20 lks. wide, course SW.

33.50 Wash, 1 ft. deep, 15 lks. wide, course S. 30° W.

50 East boundary of Township 10 North, Range 11 West.

Chains.  
40.00

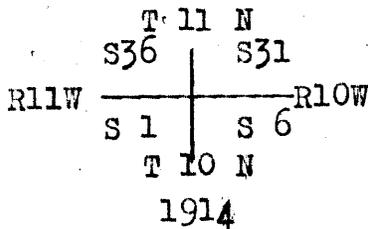
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

45.20  
80.00

Wash, 25 lks. wide, 5 ft. deep, course SW.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 10 and 11 N., Rs. 10 and 11 W., marked on brass cap,



and raise a mound of stone 4 ft. base, 3 ft. high, W. of cor.

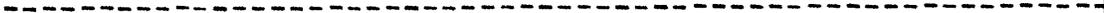
Land, rolling.

Soil, sandy loam, 2nd and 3rd rate.

Vegetation, greasewood, about 4 ft. high, and scattering Joshua trees about 15 ft. high.

No timber.

L.E.W.

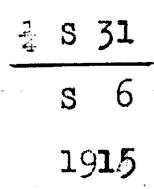


North boundary of Township 10 North, Range 11 West. 51.

Chains.

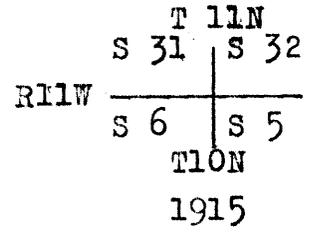
L.E.W.  
From cor. of Ts. 10 and 11 N., Rs. 10 and 11 W., hereinbefore described,  
S. 89° 55' W., (parallel to S. bdy. of Tp.) on a random line, along the north boundary of T. 10 N., R. 11 W., setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs., and at 479.08 chs. fall 1 1/2 lks. N. of the cor. of Ts. 10 and 11 N., R. 11 W., hereinbefore described.

Thence,  
N. 89° 54' E., on a true line, bet. secs. 6 and 31.  
Over rolling land, thru. scattering undergrowth.  
11.00 Leave rolling land, descend on broken land, bearing N. 20° E. and S. 20° W., 180 ft. to  
39.08 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



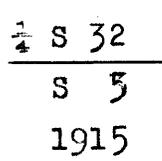
Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

Descend gradually to  
43.00 Center of dry channel of Date Creek, 4 ft. deep, 100 lks. wide, course N. 60° W. Ascend very gradually to  
60.00 Foot of broken bank, brs. NW. and SE. Ascend 150 ft. over broken land to  
79.08 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,



Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling and broken.  
Soil, sandy and gravelly, generally very coarse; 3rd rate.  
Undergrowth, greasewood.  
No timber.

N. 89° 54' E., bet. secs. 5 and 32.  
Over rough, broken land. Ascend 20 ft.  
1.30 Top of spur, slopes N. 15° W. Descend 100 ft.  
9.60 Wash, course N. 10° E.  
Ascend 75 ft.  
17.40 Top of ridge, brs. N. 35° W., and S. 35° E.  
Descend 40 ft.  
20.10 Wash, course N. 55° W. Ascend 120 ft.  
32.20 Top of broken ascent; leave broken, enter rolling land, bearing N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

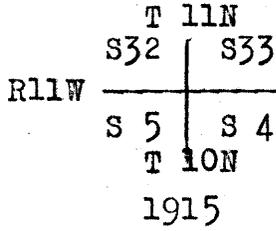


and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 32 and 33. marked on

52. North boundary of Township 10 North, Range 11 West.

Chains

brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, broken and rolling.

Soil, light volcanic ash and sandy; 2nd rate.

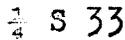
Undergrowth, greasewood and scattering Joshua trees, about 15 ft. high.

No timber.

N. 89° 54' E., bet. secs. 4 and 33.

Over rolling land, gradually ascending, through scattering undergrowth and Joshua trees.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

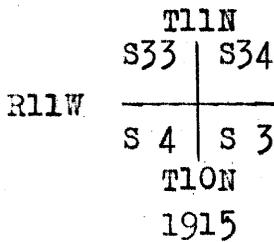


S 4

1915

and dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, gentle W. slope.

Soil, light, volcanic ash and sandy; 2nd rate.

Vegetation, low greasewood undergrowth and scattering Joshua trees.

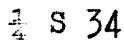
No timber.

N. 89° 54' E., bet. secs. 3 and 34.

Ascending very gradually, over smooth land, thru. medium undergrowth.

20.00 Enter rolling land, bearing N. and S.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



S 3

1915

Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

55.60 Wash, course NW.

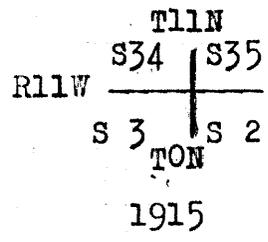
60.30 Wash, course N. 70° W.

75.30 Wash, course S. 15° W.

North boundary of Township 10 North, Range 11 West. 53

Chains  
80.00

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

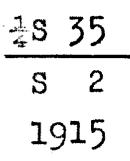


Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, smooth and rolling. Soil, light, volcanic ash, 2nd rate. Undergrowth, greasewood, ocotillo, Joshua trees and cactus. No timber.

18.10  
40.00

N. 89° 54' E. bet. secs. 2 and 35. Over heavily rolling land, through scattering undergrowth. Wash, course S. 30° W.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

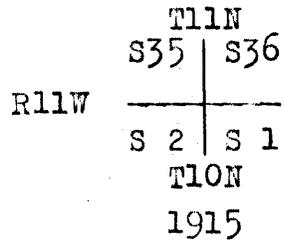


and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

40.60  
60.10  
78.70  
80.00

Wash, course S 15° W.  
Wash, course S:  
Wash, course S. 30° W.

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

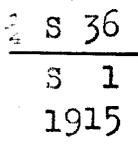
Land, heavily rolling, general S. slope. Soil, light volcanic ash and some gravel; 2nd rate. Undergrowth, scattering, low greasewood; Joshua trees and ocotillo. No timber.

7.10  
32.60  
40.00

N. 89° 54' E., bet. secs. 1 and 36. Over heavily rolling land, sloping S. and SE., through scattering undergrowth.

Wash, 10 lks. wide, course S. 25° W.  
Wash, 10 lks. wide, course SW.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

80.00

The cor. of Ts. 10 and 11 N., Rs. 10 and 11 W.

54 North boundary of Township 10 North, Range 11 West.

Chains.

Land, rolling.  
 Soil, light volcanic ash, with some gravel, 2nd rate.  
 Undergrowth, scattering greasewood, Joshua trees and ocotillo.  
 No timber. L.E.W.

Boundaries of Township 10 North, Range 11 West.  
 Latitudes, Departures, and Closing Errors.

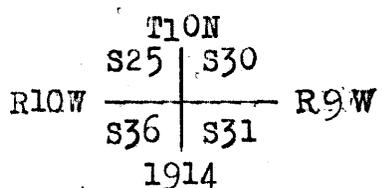
Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	S.89°55'W.	476.98		0.72		476.98
West boundary,	N.0°15'W.	480.00	480.00			2.06
North boundary,	N.89°54'E.	479.08	0.84		479.08	
East boundary,	South,	480.00		480.00		
Convergency,					0.49	
Totals,			480.84	480.72	479.57	479.04
			480.72		479.04	
Error in latitude,			.12			
Error in departure,					.53	

Chains

H.N.B.  
 From the cor. of Ts. 9 and 10 N., Rs. 9 and 10 W., hereinbefore described,  
 North, bet. secs. 31 and 36.  
 Over broken land, descending through scattering undergrowth.  
 Descend 80 ft. to  
 16.30 Wash, 2 ft. deep, 8 lks. wide, course NW.  
 18.00 Wash, 3 ft. deep, 20 lks. wide, course NW.  
 Point for  $\frac{1}{4}$  sec. cor. falls in main channel of Date Creek wash, where it would be carried away by floods; hence at  
 39.50 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor., marked on brass cap,

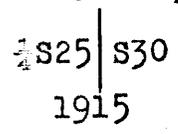


Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of post.  
 40.00 True point for  $\frac{1}{4}$  sec. cor.  
 43.00 Center of main channel of Date Creek, 4.00 chs. wide, course NW.  
 50.50 Wash, 2 ft. deep, 15 lks. wide, course NW.  
 60.00 Ascend 110 ft. to sec. cor.  
 72.40 Wash, 20 lks. wide, 2 ft. deep, course SW.  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked on brass cap,

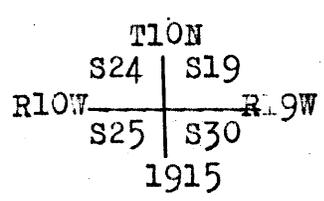


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, broken and rolling.  
 Soil, sandy and gravelly, 3rd rate.  
 Undergrowth, catclaw, mesquite, greasewood and cactus.  
 Timber, a few mesquite trees along Date Creek.  
 H.N.B.

L.E.W.  
 North, bet. secs. 25 and 30.  
 Over broken land, through scattering undergrowth and Joshua trees.  
 Ascend 50 ft. to  
 16.00 Leave broken, enter rolling land, brs. NE. and SW.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 51.90 Wash, 6 lks. wide, course S. 80° W.  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

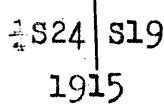


56. East boundary of Township 10 North, Range 10 West.

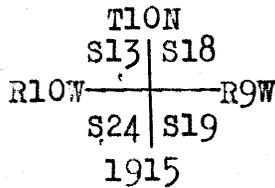
Chains.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling and broken. Soil, 2nd rate, sandy loam. Undergrowth, greasewood, cactus and Joshua trees. No timber.

20.00 North, bet. secs. 19 and 24.  
Over rolling land, through scattering undergrowth.  
Wash, 10 lks. wide, course S. 60° W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,

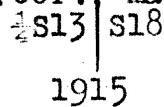


80.00 and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

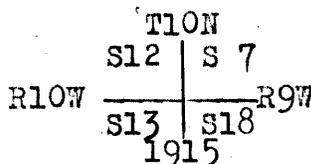


Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, light loam and sandy, 2nd rate. Undergrowth, greasewood, cactus, Joshua trees. and ceatilla. No timber.

40.00 North, bet. secs. 13 and 18.  
Over rolling land, through scattering undergrowth, and Joshua trees.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,



61.40 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.  
Wash, 6 lks. wide, course N. 85° W.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



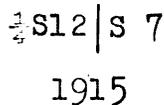
Dig pits 18x18x12 ins. , in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, light loam and sandy, 2nd rate. Undergrowth, greasewood, cactus, Joshua trees. and ceatilla. No timber.

14.20 North, bet. secs. 7 and 12.  
Over rolling land, through scattering undergrowth.  
Wash, 8 lks. wide, course W.

East boundary of Township 10 North, Range 10 West. 57

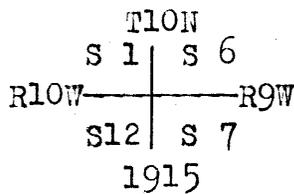
Chains.

17.20 Wash, 7 lks.wide, course S. 75° W.  
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., marked on brass cap,

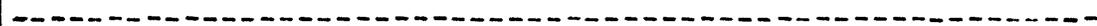


and raise a mound of atone 3 ft.base, 2 ft.high,W.of cor.

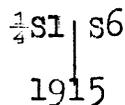
80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs. 1, 6, 7 and 12, marked on brass cap,



Dig pits 18x18x12 ins., in each sec.5½ ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor. Land, rolling. Soil,light loam,2nd rate. Undergrowth, scattering greasewood,cactus and Joshua trees. No timber.

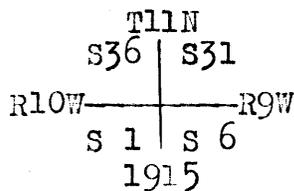


North, between secs1 and 6.  
Over rolling land, thru. scattering undergrowth.  
38.30 Wash, course W.  
40.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground,for ¼ sec. cor.,marked on brass cap,



Dig pits 18x18x12 ins., N.and S.of cor.3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high,W.of cor.

55.00 Wash,7 lks.wide,course W.  
79.20 Wash,15 lks.wide,course S.85°W.  
80.00 Set an iron post 3 ft.long, 3 ins. in diam.,24nins. in the ground for cor.of Ts.10 and 11 N.,Rs.9 and 10 W., marked on brass cap,



Dig pits 24x24x12 ind. N.,E\* and W.of cor.4 ft., and S.of cor.8 ft.dist., and raise a mound of earth 5 ft.base, 2½ ft.high,S.of cor. Land, rolling. Soil,sandy loam, 2nd rate. Undergrowth, low greasewood and Joshua trees. No timber.

L.E.W.



Chains.

L.E.W.  
From cor. of Ts. 10 and 11 N., Rs. 9 and 10 W., hereinbefore described,  
West, on a random line along the N. bdy. of T. 10 N., R. 10 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 474.45 chs., intersect the cor. of Ts. 10 and 11 N., Rs. 10 and 11 W., hereinbefore described.

Thence,  
East, bet. secs. 6 and 31.  
Over rolling desert, through scattering undergrowth.

- 5.00 Draw, opens SW
- 16.00 Wash, 8 lks. wide, course S. 25° W.
- 24.40 Wash, 10 lks. wide, course S.
- 31.50 Wash, 20 lks. wide, course S. 30° W.
- 34.45 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 31  
 S 6  
 1915

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 48.60 Wash, 5 lks. wide, course S. 15° W.
- 74.45 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T11N  
 S 31 | S 32  
 R10W S 6 | S 5  
 T10N  
 1915

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.  
Soil, light loam, 2nd rate.  
Undergrowth, low greasewood, Joshua trees, cactus and  
No timber.

East, bet. secs. 5 and 32.  
Over rolling land, through scattering undergrowth.

- 6.90 Wash, 8 lks. wide, course S.
- 32.20 Wash, 12 lks. wide, course S. 15° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 32  
 S 5  
 1915

Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 54.60 Wash, 8 lks. wide, course S.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33 marked on brass cap,

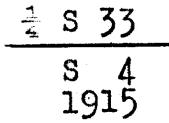
T11N  
 S 32 | S 33  
 R10W S 5 | S 4  
 T10N  
 1915

Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, light loam, 2nd rate.

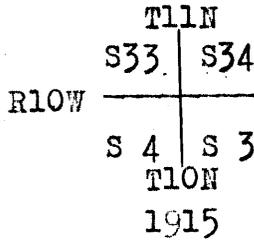
60 North boundary of Township 10 North, Range 10 West.

Chains Undergrowth, low greasewood, cactus, Joshua trees  
No timber.

4.40 East, bet. secs. 4 and 33,  
40.00 Over rolling land, thru. scattering undergrowth.  
Wash, 7 lks. wide, course S. 30° W.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

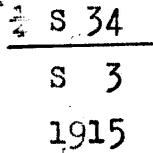


44.00 Raise a mound of stone 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.  
57.50 Wash, course S. 15 lks. wide.  
80.00 Wash, 20 lks. wide, course S. 15° W.  
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for cor. of secs. 3, 4, 33 and 34, marked on  
brass cap,

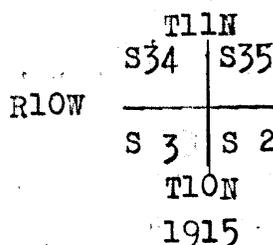


Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.  
Land, rolling.  
Soil, light loam, 1st and 2nd rate.  
Undergrowth, low greasewood, cactus, Joshua trees,  
No timber.

10.50 East, between secs. 3 and 34.  
28.80 Over nearly level land, through scattering undergrowth.  
40.00 Wash, 20 lks. wide, course S.  
Wash, 30 lks. wide, course S. 10° E.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



64.10 dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and  
79.40 raise a mound of earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high, N. of  
80.00 cor.  
Wash, 5 lks. wide, course S.  
Wash, 5 lks. wide, course S. 5° W.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for cor. of secs. 2, 3, 34 and 35, marked on  
brass cap,

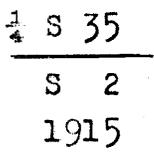


Dig pits 18x18x12 ins., in each sec. 5  $\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, light loam, 1st and 2nd rate. No timber.  
Undergrowth, greasewood, cactus, Joshua trees

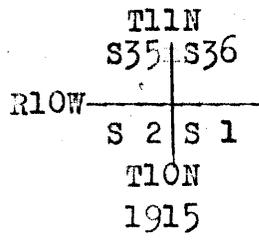
North boundary of Township 10 North, Range 10 West. 61

Chains

27.30 East, bet. secs. 2 and 35.  
 Over rolling desert, thru. scattering undergrowth.  
 40.00 Wash, 4 ft. deep, 55 lks.wide, course S.  
 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

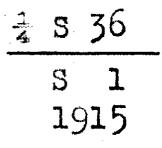


72.00 Raise a mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high, N.of cor.  
 80.00 Wash, 2 ft. deep, 7 lks.wide, course S.  
 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
 the ground for cor.of secs. 1,2,35 and 36, marked on  
 brass cap,



Raise a mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high,W.of cor.  
 Land, rolling.  
 Soil, light loam and gravelly; 2nd and 3rd rate.  
 Undergrowth, low greasewood, cactus,Joshua trees  
 No timber.

28.50 East, bet. secs. 1 and 36.  
 40.00 Over rolling desert, through scattering undergrowth.  
 Wash, 2 ft.deep,40 lks.wide, course S.20°W.  
 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,



44.10 Dig pits 18x18x12 ins., E.and W.of cor., 3 ft. dist.,and  
 71.10 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,N.of  
 74.40 cor.  
 80.00 Wash, 2 ft.deep,17 lks.wide, course SE.  
 Wash,  $1\frac{1}{2}$  ft. deep, 13 lks.wide, course SW.  
 Same wash, course N. 85° W.  
 The cor. of Ts.10 and 11 N., Rs.9 and 10 W., hereinbefore  
 described.  
 Land, rolling.  
 Soil, light loam and gravelly; 2nd rate.  
 Undergrowth, greasewood and cactus.  
 No timber.

L.E.W.

Boundaries of Township 10 North, Range 10 West.

Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	N.89°59'W.	474.99	0.14			474.99
West boundary,	North,	480.00	480.00			
North boundary,	East,	474.45			474.45	
East boundary,	South,	480.00		480.00		
Convergency,					0.49	
<u>Totals,</u>			480.14	480.00	474.94	474.99
			480.00			474.94
Error in latitude,			0.14			
Error in departure,						0.05

Chains

L.E.W.  
 From the cor. of Ts. 10 and 11 N., R. 12 W., hereinbefore described,  
 North, on east bdy. of sec. 36.  
 Over rolling land, through scattering undergrowth.  
 17.00 Wash, course N. 30° W.  
 28.50 Leave rolling, enter broken land, descending to Date Creek, bearing E. and NW.  
 Descend 40 ft. to  
 29.92 (40.00 chs. N. of cor. of Ts. 10 and 11 N., R. 11 W.) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., of sec. 31, marked on brass cap,

|  
 $\frac{1}{4}$  S 31

1915

Pits are impracticable, and mound of stone would soon be destroyed and no trees available; hence no witness to this cor. was made or marked.

Descend 70 ft. to  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of sec. 36, marked on brass cap,

|  
 $\frac{1}{4}$  S 36

1915

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Descend gradually from this cor.  
 69.92 (80.00 chs. N. of cor. of Ts. 10 and 11 N., R. 11 W.) Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 30 and 31, marked on brass cap,

T11N  
 R12W | R11W  
 S25 | S30  
 S36 | S31

1915

80.00 Dig pits, 24x24x12 ins. NE. and SE. of cor. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor. Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 25 and 36, marked on brass cap,

T11N  
 R12W | R11W  
 S25 | S30  
 S36 | S31

1915

Dig pits 24x24x12 ins. NW. and SW. of cor. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling and mountainous, and broken. Soil, sandy where rolling, gravelly where broken, 2nd and 4th rate.

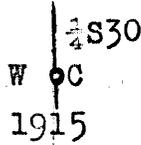
Undergrowth, greasewood and cactus.  
 No timber.

-----  
 North on E. bdy. of sec. 25,  
 Magnetic declination 15° 00' E.

64. East boundary of Township 11 North, Range 12 West.

Chains

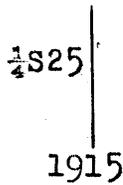
Over nearly level land in Date Creek valley.  
The point for  $\frac{1}{4}$  sec.cor.to sec.30 falls in Date Creek.  
29.60 (39.68 chs.N.of cor.of secs.30 and 31) Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for witness cor.to  $\frac{1}{4}$  sec.cor. of sec.30, marked on brass cap,



Dig pits 18x18x12 ins., N.and S of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft: base,  $1\frac{1}{2}$  ft. high,E.of cor.

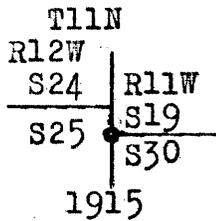
29.75 Enter Date Creek Wash, course NW.  
29.92 (40.00 chs.N.of cor.of secs.30 and 31) Point for  $\frac{1}{4}$  sec.cor. of sec.30 in wash.

35.00 Leave Date Creek, course NW. Ascend 50 ft.  
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor. of sec.25, marked on brass cap,

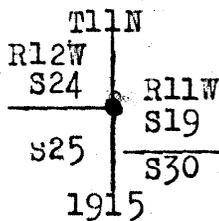


Dig pits 18x18x12 ins., N.and S of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft: base,  $1\frac{1}{2}$  ft. high,W.of cor.

53.00 Top of ascent, brs.N.70°W and S.70°E., enter rolling land.  
69.92 (80.00 chs.N.of cor.of secs.30 and 31) Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.19 and 30, marked on brass cap,



80.00 Raise a mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high,W.of cor. Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs. 24 and 25, marked on brass cap,



Raise a mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high,W.of cor. Land, rolling.  
Soil, coarse and sandy, 3rd rate.  
Undergrowth, scattering low greasewood, Joshua trees  
No timber.

22.10 North on East bdy. of sec.24.  
29.92 Over rolling land, through scattering undergrowth and Joshua trees. Wash, 10 lks.wide, course N.85° W. (40.00 chs.N.of cor.of secs.19 and 30) Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground,for

East boundary of Township 11 North, Range 12 West. 65.

Chains.

1/4 sec.cor. of sec.19, marked on brass cap,



1915

and raise a mound of stone 3 ft.base, 2 ft.high,E.of cor.

40.00

Set an iron post, 1 in. in diam., 3 ft.long, 26 ins. in the ground for 1/4 sec.cor. of sec.24, marked on brass cap,



1915

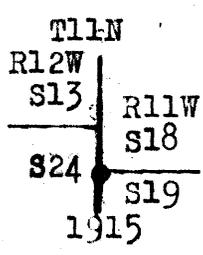
and raise a mound of stone 3 ft.base, 2 ft.high,W.of cor.

68.40

Wash, 30 ft. deep, course S 80°W.

69.92

(80.00 chs.N.of cor.of secs.19 and 30) Set an iron post 3 ft.long, 3 ins. in diam.,24 ins.in the ground for cor.of secs. 18 and 19, marked on brass cap,



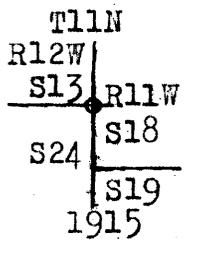
Dig pits 24x24x12 ins. in each sec.NE.and SE.of cor.6 ft. dist.,and raise a mound of earth 4 ft.base,2 ft. high, E.of cor.

77.00

Descend on N.slope 60 ft.to

80.00

Set an iron post, 3 ft.long, 3 ins.indiam., 24 ins.in the ground for cor.of secs. 13 and 24, marked on brass cap,



Raise a mound of stone 3 ft.base, 2 ft.high,W.of cor. Land, rolling. Soil, sandy and rocky, 3rd rate. Undergrowth, greasewood, Joshua trees and cactus. No timber.

0.25

North on E. bdy. of sec. 13. Over mountainous land, through scattering undergrowth. Wash, course N.80°W. Ascend 80 ft.

8.00

Top of ridge,brs.E.and W. Descend 50 ft.

20.00

Wash, course W. Ascend 75 ft.

29.92

(40.00 chs.N.of cor.of secs.18 and 19), Set an iron post 3 ft.long, 1 in. in diam.,26 ins. in the ground for 1/4 sec.cor..of sec.18, marked on brass cap,

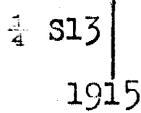


1915

and raise a mound of stone 3 ft.base, 2 ft.high,E.of cor.

66. East boundary of Township 11 North, Range 12 West.

Chains.  
 31.20 Top of spur <sup>slopes</sup> NE. Descend 110 ft., over broken N. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., of sec. 13, marked on brass  
 cap,

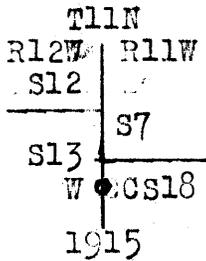


and raise a mound of stone 3 ft. base, 1 1/2 ft. high, W.  
 of cor.

49.50 Descend 150 ft.  
 Irrigation ditch, 3 lks. wide, course W. Also high water  
 mark of Santa Maria River, course N. 70° W.

Thence across bottom land.  
 The point for cor. of secs. 7 and 18 falls in the channel  
 of the Santa Maria river; therefore, at

69.52 A point 40 lks. S. of true point for sec. cor. set an iron  
 post 3 ft. long, 3 ins. diam., 24 ins. in the ground  
 for witness cor. to cor. of secs. 7 and 18, marked on  
 brass cap, as follows:

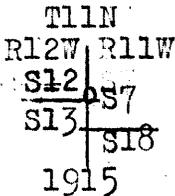


69.80 Left bank of river, 3 ft. high, brs. SE. and W.  
 69.92 (80.00 chs. N. of cor. of secs. 18 and 19) Point for cor. of  
 secs. 7 and 18, in dry bed of river, course W.

77.00 Right bank of Santa Maria river, brs. W. and SE.

77.70 Road brs. N. 80° E. and S. 80° W.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for cor. of secs. 12 and 13, marked on brass  
 cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of  
 cor.

Land, mountainous and level river bottom.  
 Soil, rocky and gravelly, 3rd rate.  
 Undergrowth, palo verde, greasewood, catclaw, and mesquite.  
 Channel of Santa Maria river is liable to change to any  
 part of the bottom.  
 No timber.

North on east bdy. of sec. 12.  
 Over mountainous land, through medium undergrowth.  
 Ascend 105 ft.

15.00 Top of spur, slopes W. Descend.

23.60 Ravine, course SW. Ascend on SE. slope, 80 ft. to

29.92 (40.00 chs. N. of cor. of secs. 7 and 18), set an iron post, 3 ft.  
 long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.  
 cor., of sec. 7, marked on brass cap,



1915

Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.  
 Ascend 25 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor. of sec. 12, marked on brass  
 cap,

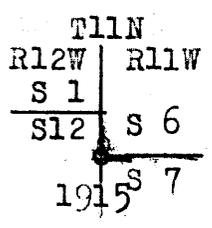
East boundary of Township 11 North, Range 12 West. 67.

Chains.

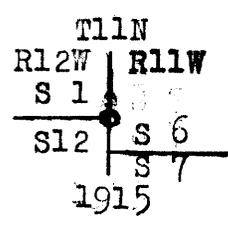
1/4 S12

1915

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Ascend 50 ft. to  
 50.00 Top of spur, slopes S. 35° E. Descend.  
 54.00 Ravine, course S. 30° E.  
 60.70 Ravine, course S. 25° W. Ascend 155 ft. over S. slope, to  
 69.92 (80.00 chs. N. of cor. of secs. 7 and 18) Set an iron post,  
 3 ft. long, 3 ins. in diam., 21 ins. in the ground, on  
 solid rock, supported by a mound of stone and earth, for  
 cor. of secs. 6 and 7, marked on brass cap,



Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.  
 Ascend 15 ft.  
 72.00 Top of ridge, brs. N. 15° W. and S. 15° E. Descend along E.  
 slope to  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 6 ins. in  
 the ground on solid rock, supported by a mound of  
 earth and stone, for cor. of secs. 1 and 12, marked on  
 brass cap,



Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous.  
 Soil, rocky of no apparent value.  
 Vegetation, low greasewood, palo verde and cactus.  
 No timber. L.E.W.

H.P.  
 North, on east bdy. of sec. 1.  
 Over mountainous land, through scattering undergrowth.  
 Descend 21 ft.  
 3.00 Foot of descent. Ascend 100 ft.  
 26.00 Top of ascent, brs NW. and SE. Descend 30 ft.  
 29.14 Wash, 20 lks. wide, course SE. Ascend.  
 29.92 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for 1/4 sec. cor. of sec. 6, marked on brass  
 cap,

1/4 S6

1917

and raise a mound of stone 3 ft base, 2 ft. high, E. of  
 cor.  
 Ascend 125 ft.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for 1/4 sec. cor. of sec. 1, marked on brass  
 cap,

1/4 S1

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of  
 cor.

68. East boundary of Township 11 North, Range 12 West.

Chains.

45.00 Top of spur, slopes S 60°W. Descend 300 ft.

60.68 Wash, 20 lks.wide, course S.20°E.

Ascend 50 ft. to

69.92 (80.00 chs.N.of cor.of secs.6 and 7) Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of Ts.11 and 12 N.,Rs.11 and 12 W., marked on brass cap,

T12N	
R12W	R11W
S31	S36
S 1	S 6
T11N	
1917.	

Raise a mound of stone 4 ft.base, 2 ft.high,W.of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, greasewood, cactus, etc.

H.P.

North boundary of Township 11 North, Range 12 West. 69.

Chains.

H.P.

From the cor. of Ts. 11 N., Rs. 12 and 13 W., described in Book "B,"

East on a random line, on W. bdy. of Tp., setting temp. 1/4 sec. and sec. cors., at intervals of 40.00 chs., and at 478.88 chs., fall 39 lks. N. of the cor. of Ts. 11 and 12 N., Rs. 11 and 12 W., hereinbefore described.

True course and length of this Tr. bdy. is therefore N. 89° 58' W., 478.88 chs.

From cor. of Ts. 11 and 12 N., Rs. 11 and 12 W., N. 89° 58' W., on a true line, bet. secs. 1 and 36.

Over mountainous land, through scattering undergrowth. Ascend 46 ft.

- 5.16 Top of ascent; descend 56 ft.
- 10.93 Wash, 20 lks. wide, course SE. for 7.00 chs.; thence south. Ascend 42 ft.
- 15.82 Top of ascent; descend 35 ft.
- 21.14 Wash, 40 lks. wide, course SE. for 10 chs.; thence west. Ascend 200 ft.
- 30.40 Top of ridge, brs. NE. and SW.
- 37.30 Top of spur, slopes north; descend 35 ft, to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, surrounded by a mound of stone, for 1/4 sec. cor., marked on brass cap,

S 36

S 1

1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 50 ft.

- 43.60 Head of wash, course S. Ascend 175 ft.

51.90 East rim of mesa. Thence across mesa.

59.20 West edge of mesa; descend 300 ft. to

- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T12N R12W

S35 | S36

S2 | S1

T11N

1917

Raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, greasewood and cactus.

N. 89° 58' W., on true line, bet. secs. 2 and 35.

Over rolling land, through scattering brush.

Descend 25 ft. to

- 22.55 Wash, 20 lks. wide, course N. 80° W.; descend 55 ft. over rolling NW. slope to

20.50 Same wash, course W. from NE. Descend 20 ft. in wash.

- 25.00 Leave wash, course S. 65° W. from E. Descend 25 ft. over SW. slope to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S 35

S 2

1917

70 North boundary of Township 11 North, Range 12 West.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 60.00 Wash, 30 lks. wide, course SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T12N, R12W	
S34	S35
-----	
S 3	S 2
T11N	
1917	

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, rocky, 3rd and 4th rate.  
 No timber.  
 Undergrowth, palo verde, greasewood and cactus.

N. 89° 58' W. on a true line, bet. secs. 3 and 34.  
 Over rolling land, through scattering brush.  
 Descend 25 ft., over SW. slope to  
 17.00 Enter wash, 30 lks. wide, course W. from N. 50° E. Thence in bed of same to  
 26.00 Leave wash, course S. 70° W., from E.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground supported by a mound of stone, for  $\frac{1}{4}$  sec. cor. marked on brass cap,

$\frac{1}{4}$	S 34
	-----
	S 3

and raise mound of stone 3 ft. base, 2 ft. high, N. of cor.  
 Ascend gradually.  
 69.00 Top of spur, slopes SE. Descend 60 ft. to  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 10 ins. in ground, supported by mound of stone for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T12N, R12W	
S33	S34
-----	
S 4	S 3
T11N	
1917	

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, rocky, 3rd and 4th rate.  
 No timber.  
 Undergrowth, scattering palo verde, greasewood and cactus.

N. 89° 58' W., on a true line, bet. secs. 4 and 33.  
 Over rolling land, through scattering brush.  
 Descend 75 ft., over SW. slope to  
 8.50 Wash, 25 lks. wide, course SW.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

North boundary of Township 11 North, Range 12 West. 71.

Chains.

$\frac{1}{4}$  ———  
 S 33  
 S 4  
 1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
 61.00 Descend 100 feet to  
 66.90 Left bank of Big Sandy River, brs. N. and S. Thence over dry channel of same, course S.  
 76.10 Right bank of river, brs. N. and S. Thence over bottom land.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T12N R12W  
 S32 | S33  
 ———  
 S 5 | S 4  
 T11N  
 1917

from which,  
 A cottonwood, 12 ins. in diam., brs. N. 72° W., 86 lks. dist., marked T12NR12W S 32 BT.  
 A cottonwood, 12 ins. in diam., brs. N. 67 $\frac{1}{4}$ ° E., 76 lks. dist., marked T12NR12W S 33 BT.  
 A cottonwood, 12 ins. diam., brs. S. 48 $\frac{3}{4}$ ° E., 121 lks. dist., marked T11NR12 W S 4 BT.  
 A cottonwood, 12 ins. in diam., brs. S. 46 $\frac{3}{4}$ ° W., 86 lks. dist., marked T 11NR12W S 5 BT.

Land, rolling.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, scattering palo verde, greasewood and cactus.

-----  
 N. 89° 58' W., on a true line, bet. secs. 5 and 32.  
 Over bottom land, through scattering brush.  
 2.20 Leave bottom. Enter mountainous land; ascend 210 ft. to  
 10.60 Foot of cliffs br. NE. and SW. Ascend 270 ft. to  
 13.20 Top of cliffs on rocky point, slopes NE. Ascend 380 ft. to  
 26.84 Rocky point slopes NE. Ascend 280 ft., over rocky NE. slope to  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., supported by a mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 32  
 $\frac{1}{4}$  ———  
 S 5  
 1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
 Ascend 80 ft. to  
 43.40 Top of ridge, brs. N. 30° W. and S. 30° E. Descend 212 ft. over SW. slope.  
 46.00 Foot of SW. slope. Ascend 115 ft.  
 60.25 Top of rocky spur, slopes N. Descend 650 ft., over cliffs and spurs on NW. and N. slope, to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., (no 3 in. post available), 14 ins. in the ground, supported by a mound of stone for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

72. North boundary of Township 11 North Range 12 West.

Chains.

T12N R12W  
S31 | S32  
-----  
S 6 | S 5  
-----  
T11N  
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, rocky, 4th rate.  
No timber.  
Undergrowth, scattering palo verde, greasewood and cactus.

40.00

N. 89° 58' W., on a true line, bet. secs. 6 and 31.  
Over mountainous land, thru. scattering palo verde.  
Ascend 300 ft. over broken N. and NE. slope, to  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 31  
-----  
 $\frac{1}{4}$   
-----  
S 6  
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

45.74

Ascend 70 ft. to  
Top of ridge brs. N. 60° W. and S. 75° E. Descend 50 ft. over  
broken SW. slope to-

65.40

Wash, course S. 15° E. Ascend 166 ft.

75.58

Top of spur, slopes SE. Descend 31 ft. to

78.88

Intersect the cor. of Ts. 11 N., Rs. 12 and 13 W. on 3rd  
Guide Mer. West, described in Book "B."

Land, mountainous.  
Soil, rocky, 4th rate.  
No timber.  
Undergrowth, scattering palo verde, greasewood and cactus.  
H. P.

Boundaries of Township 11 North, Range 12 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	479.01				479.01
	N. 0° 6' W.	40.12	40.12			.07
	N. 0° 4' W.	80.07	80.07			.09
	N. 0° 2' E.	40.15	40.15		.02	
West boundary (3rd. Guide Mer. W.)	North,	160.16	160.16			
	N. 0° 3' W.	40.03	40.03			.03
	N. 0° 1' W.	39.79	39.79			.01
	North,	70.32	70.32			
North boundary	S. 89° 58' E.	478.88		.28	478.88	
East boundary,	South,	469.92		469.92		
Convergency,					.49	
	Total,		470.64	470.20	479.39	479.21
			470.20		479.21	
	Error in latitude,	0.44				
	Error in departure,				0.18	

East boundary of Township 11 North, Range 11 West.

Chains.

L.E.W.  
From the cor. of Ts. 10 and 11 N., Rs. 10 and 11 W., herein-  
before described,  
North, bet. secs. 31 and 36.

29.00

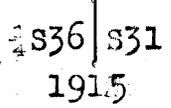
Over rolling desert, through scattering undergrowth. As-  
cend gradually.

39.00

Wash, 10 lks. wide, course S. 10° W.  
Divide between Date Creek and the Santa Maria river, brs.  
E. and W. Road on top of same, brs. E. and W. Descend.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of  
cor.

47.50

Descend 125 ft. on irregular N. slope.

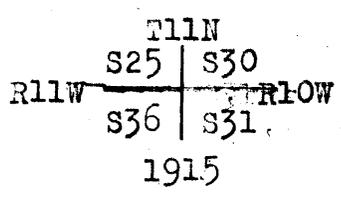
70.50

Wash, 50 lks. wide, course N. 50° W.

80.00

Wash, course N. 30° W.

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for cor. of secs. 25, 30, 31 and 36, marked on  
brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of  
cor.

Land, rolling and broken.  
Soil, light loam and gravelly; S. slopes 2nd rate; N. slopes  
3rd rate.  
Undergrowth, greasewood, Joshua trees and cactus.  
No timber.

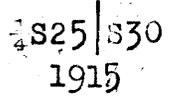
North, bet. secs. 25 and 30.  
Over broken N. slope, thru. scattering undergrowth.  
Descend 80 ft. to  $\frac{1}{4}$  sec. cor.

16.00

Wash, 10 lks. wide, in gulch, 15 ft. deep, course NW.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of  
cor.

55.25

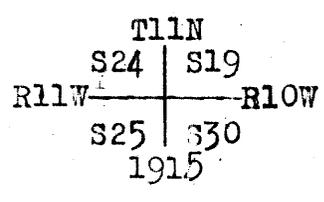
Wash, 40 lks. wide, in gulch, 30 ft. deep, course N. 15° W.

77.50

Wash, 30 lks. wide, in gulch, 30 ft. deep, course N. 15° W.

80.00

Set an iron post 3 ins. in diam., 3 ft. long, 24 ins. in the  
ground, for cor. of secs. 19, 24, 24 and 30, marked on  
brass cap,



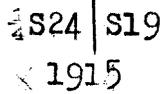
and raise a mound of stone 3 ft. base, 2 ft. high, W. of  
cor.

Land, broken N. slope.  
Soil, light loam and gravelly; 3rd rate.  
Undergrowth, scattering greasewood, palo verde and Joshua  
trees.  
No timber.

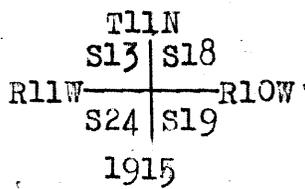
74. East boundary of Township 11 North, Range 11 West.

Chains

North, bet. secs. 19 and 24.  
Over broken N. slope, thru scattering undergrowth. Descend 250 ft.  
37.50 Wash, 15 lks. wide, course N. 5° E.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

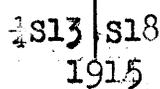


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
50.00 Wash, 20 lks. wide, in gulch, 40 ft. deep, course N. 5° W.  
55.90 Wash, course N. 20° W. joins above wash, N. 20° W., 80 lks. dist.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

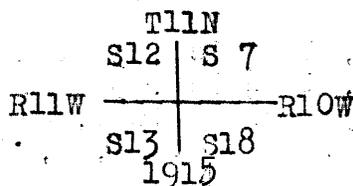


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
Land, broken N. slope.  
Soil, gravelly and coarse, 3rd rate.  
Undergrowth, greasewood, palo verde and Joshua trees and cactus.  
No timber.

North, between secs. 13 and 18.  
Over broken land, thru scattering undergrowth.  
Descend 60 ft. to  
7.50 Road from Santa Maria river to Congress Junction bears N. 75° W. and S. 75° E. Enter bottom land, same bearing.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



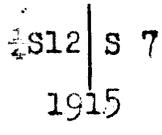
dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
55.00 Leave bottom, enter heavily rolling land, brs. E. and W.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
Land, level and broken.  
Soil, coarse sand and gravelly; 3rd rate.  
Undergrowth, greasewood, palo verde and mesquite.  
No timber.

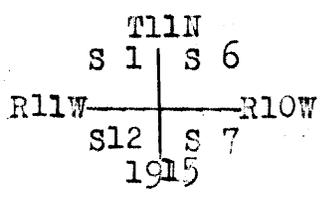
North, bet. secs. 7 and 12.  
Over mountainous land, through scattering undergrowth.  
Ascend abruptly 50 ft. to  
6.50 Top of bluff, facing NW. brs. NE. and SW.

- Chains.
- 8.40 Descend perpendicular bluff, 145 ft.
- 21.50 Enter Santa Maria river bed, course S.30°W. No water.
- 34.60 Pass along E. side of rock island in river, of about 3 acres area, and 40 ft. high.
- 37.00 Leave river bed, bearing S.30°W. and N.30°E. Ascend 50 ft. over broken land.
- 39.00 Top of spur, slopes E. Descend 50 ft.
- 40.00 Gulch, course SE.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

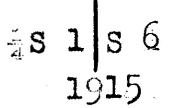
- Ascend 85 ft. to
- 47.60 Top of ridge, brs. NW. and SE. Descend 40 ft. to
- 58.80 Wash, 50 lks. wide, course S.15° E. Ascend S. slope 200 ft. to
- 65.90 Top of spur, slopes S.20°E. Descend 75 ft.
- 73.30 Wash, 20 lks. wide, course S. 30°E. Ascend SE. slope, 50 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



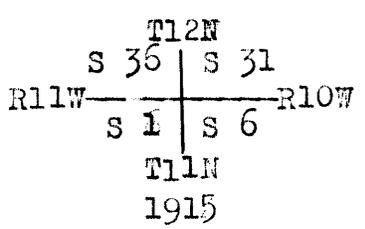
Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous.  
 Soil, rocky and sandy, 4th rate.  
 Undergrowth, scattering greasewood and palo verde.  
 No timber.

North, between secs. 1 and 6.  
 Over mountainous land, through very scattering low undergrowth.

- 6.70 Ascend on S. slope, 140 ft. to Top of spur, slopes SE.
- 40.00 Descend over rough, broken E. slope. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



- 42.00 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Bottom of gulch, 45 ft. deep, 100 lks. wide, course E. Ascend over rough broken E. slope.
- 50.00 Top of spur, slopes E. Descend 200 ft. to
- 57.00 Wash, in canyon course E. Ascend 205 ft. to
- 66.00 Top of spur, slopes E. Descend 170 ft. along steep E. slope to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. or Ts. 11 and 12 N., Rs. 10 and 11 W., marked on brass cap,



76 East boundary of Township 11 North, Range 11 West.

Chains

from which,

A cross (x) on a sandstone 6x4x4 ft above ground  
bears S.72°W. 10 lks. dist., with B O 1 be-  
side the cross, and

raise a mound of stone 3 ft. base, 2 ft. high, S. of cor.  
Land, mountainous.

Soil, rocky, of no apparent value.

Undergrowth, scattering palo verde and cactus/.

No timber.

L.E.W.

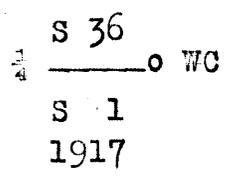


North boundary of Township 11 North, Range 11 West. 77

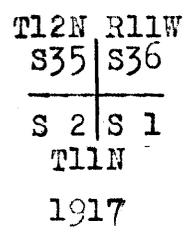
Chains.

H.P.  
 From cor. of Ts. 11 and 12 N., Rs. 11 and 12 W. hereinbefore described,  
 East, on random line, setting temp.  $\frac{1}{4}$  sec. cor. and sec. cors. at intervals of 40,00 chs., and at 479.07 chs. fall 126 lks. S. of cor. of Ts. 11 and 12 N., Rs. 10 and 11 W., hereinbefore described.  
 True course and length of N. bdy. of T. 11 N., R. 11 W. is therefore S. 89° 51' W., 479.07 chs.  
 From cor. of Ts. 11 and 12 N., Rs. 10 and 11 W., S. 89° 51' W. on true line, bet. secs. 1 and 36.  
 Over mountainous land, through scattering brush.  
 Ascend 300 ft.

- 15.42 Top of spur, slopes SE. Descend 150 ft.
- 31.40 Wash, 20 lks. wide, course S. 20° W. Descend 25 ft. to
- 39.80 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor.; marked on brass cap,



- and raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 40.00 True point for  $\frac{1}{4}$  sec. cor. falls in wash, 20 lks. wide, course S. 20° E.  
 Ascend 172 ft., over NE. slope.
- 51.46 Top of rocky hill, brs. NW. and SE. Descend 136 ft. over cliffs.
- 59.00 Wash, 50 lks. wide, course S. 30° E. in canyon.  
 Thence across bottom of canyon; ascend 25 ft.
- 62.20 Top of ascent; descend 50 ft.
- 65.30 Wash, 20 lks. wide, course S. 25° E. Ascend 30 ft.
- 75.00 Top of ascent. Descend gradually over S. slope.
- 80.00 In the bottom of canyon. Set an iron post, 3 ft. long, 2 ins. in diam., (no 3 in. iron post available) supported by mound of stone, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, scattering palo verde, greasewood and cactus.

- 
- S. 89° 51' W., on a true line, bet. secs. 2 and 35.  
 Over mountainous land, through scattering brush.  
 Descend 42 ft. across bottom of canyon, hereinbefore described.
  - 7.00 Wash, 30 lks. wide, course S. Begin ascent of W. side of canyon.  
 Ascend 460 ft. over broken SE. and E. slope.
  - 32.00 Top of ridge, brs. N. and S. Leave canyon; descend 163 ft. to
  - 40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, supported by mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,

78 North boundary of Township 11 North, Range 11 West.  
Chains.

$\frac{1}{4}$  S 35  
S 2  
1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- Descend 36 ft. to  
47.70 Wash, 20 lks. wide, course SW. Ascend 40 ft.  
56.73 Top of rocky spur, slopes S. Descend 56 ft.  
61.40 Wash, 20 lks. wide, course S. Ascend 180 ft.  
75.30 Top of ridge, brs. NW. and SE. Descend 122 ft. to  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available), 10 ins. in the ground, supported by mound of stone for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T12N R11W  
S34 | S35  
-----  
S 3 | S 2  
T11N  
1917

and raise mound of stone 3 ft. base, 2 ft. high, W. of cor.  
Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, greasewood and cactus.

S. 89° 51' W., on a true line, bet. secs. 3 and 34.  
Over mountainous land, through scattering brush.  
Ascend 70 ft. over SE. slope.

- 6.60 Top of spur, slopes S. Descend 210 ft.  
13.67 Wash, 200 lks. wide, course S. 30° W. Ascend 152 ft.  
25.54 Top of rocky spur, slopes SE. Descend 133 ft.  
35.00 Junction of washes from NE. and NW., course SE. Ascend 30 ft. to  
40.00 Set an iron post 3 ft. long, 1 in. in diam., supported by mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 34  
S 3  
1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
Ascend 52 ft.

- 51.95 Top of spur, slopes S. Descend 120 ft.  
66.40 Wash, 50 lks. wide, course SW.  
68.80 Wash, 150 lks. wide, course SE. Ascend 40 ft.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 ins. post available) 18 ins. in the ground, supported by a mound of stone for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T12N R11W  
S33 | S34  
-----  
S 4 | S 3  
T11N  
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, greasewood and cactus.

North boundary of Township 11 North, Range 11 West, 79

- Chains.
- S.89° 51' W. on a true line, bet. secs.4 and 33. Over mountainous land, through scattering brush. Descend 25 ft.
  - 3.70 Wash, 35 lks.wide, course S.60°E. Ascend 117 ft.
  - 21.00 Top of spur, slopes SE. Descend 185 ft.
  - 33.90 Wash, 15 lks.wide, course S. Ascend 20 ft.to
  - 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,

S 33  
 $\frac{1}{4}$  ———  
 S 4  
 1917

and raise a mound of stone 3 ft.base, 2 ft.high,N.of cor.

- Descend 14 ft.
- 41.60 Wash, 15 lks.wide, course S.15° W. Ascend 20 ft.
- 43.80 Descend 40 ft.
- 47.30 Wash, 30 lks.wide, course S. Ascend 325 ft.
- 67.00 Top of spur, slopes S. Descend 262 ft.to
- 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., (no 3 in. post available), 24 ins. in the ground, for cor.of secs. 4,5, 32 and 33, marked on brass cap,

T12N R11W  
 S32 | S33  
 ———  
 S 5 | S 4  
 T11N  
 1917

and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, scattering palo verde, greasewood and cactus.

- S.89°51'W., on a true line, bet. secs.5 and 32. Over mountainous land, through scattering brush. Descend 40 ft.
- 1.40 Wash, 15 lks.wide, course SW. Ascend 25 ft.
- 6.10 Descend 57 ft.
- 11.00 Wash, 150 lks.wide, course S.30°E.
- 32.10 Top of rocky spur, slopes S. Descend 85 ft.to
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., supported by mound of stone for  $\frac{1}{4}$  sec.cor., marked on brass cap,

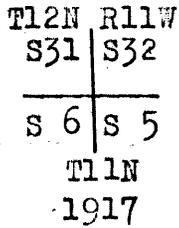
S 32  
 $\frac{1}{4}$  ———  
 S 5  
 1917

and raise a mound of stone 3 ft.base, 2 ft.high,N.of cor.

- Descend 200 feet to
- 50.40 Wash, 15 lks.wide, course S. Descend 109 ft.
- 57.16 Foot of descent; ascend 35 ft.
- 60.00 Top of rocky spur, slopes S. Descend 125 ft.to
- 69.75 Top of spur, slopes SW. Descend 120 ft.
- 78.10 Wash, 15 lks.wide, course SW. Ascend 46 ft.to
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., (no 3 in. post available), 16 ins. in the ground, supported by a mound of stone for cor.of secs. 5,6,31 and 32, marked on brass cap,

80. North boundary of Township 11 North, Range 11 West.

Chains.



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, greasewood and cactus.

S. 89° 51' W., on a true line, bet. secs. 6 and 31.  
Over mountainous land, through scattering brush. Descend 23 ft.

- 5.00 Ascend 23 ft.
- 8.40 Descend 63 ft.
- 11.20 Wash, 30 lks. wide, course SW. for 5 chs., thence S. Ascend 120 ft.
- 21.63 Top of ascent; descend 120 ft.
- 30.32 Wash, 20 lks. wide, course SW. Ascend 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., marked on brass cap,

S 31

s 6

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Descend.

- 41.00 Wash, 60 lks. wide, course S. Ascend 96 ft.
- 47.13 Top of spur slopes S. Descend 70 ft.
- 54.86 Foot of descent. Ascend 122 ft.
- 68.16 Top of spur, slopes S. Descend 70 ft.
- 76.30 Wash, 10 lks. wide, course SW. Ascend 15 ft. to
- 79.07 Intersect cor. of Ts. 11 and 12 N., Rs. 11 and 12 W., herein- before described.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, greasewood and cactus.

H.P.

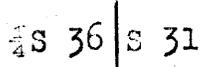
Boundaries of Township 11 North, Range 11 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	S. 89° 54' W.	479.08		.84		479.08
West boundary,	North,	480.00	480.00			
North boundary,	N. 89° 51' E.	479.07	1.26		479.07	
East boundary,	South,	480.00		480.00		
Convergency,					.49	
<b>Totals.</b>			481.26	480.84	479.56	479.08
			480.84		479.08	
<b>Error in latitude,</b>			0.42			
<b>Error in departure,</b>					0.48	

Chains.

L.E.W.  
From the cor. of Ts. 10 and 11 N., Rs. 9 and 10 W., hereinbefore described,  
North, between secs. 31 and 36.

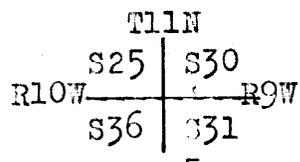
- Over heavily rolling land, through scattering brush.
- 0.30 Wash, 15 lks. wide, 2 ft. deep, course N. 80° W.
- 19.20 Wash, 15 lks. wide, 3 ft. deep, course SW.
- 35.65 Road from Santa Maria river to Congress Junction, brs. N. 75° W. and S. 75° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 80.00 Set an iron post, 3 ins. in diam., 3 ft. long, 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked on brass cap,

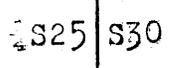


1915

dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling.  
Soil, sandy and rocky, 3rd rate.  
Undergrowth, greasewood, palo verde and Joshua trees.  
No timber.

North, bet. secs. 25 and 30.  
Over rolling land, through scattering brush.

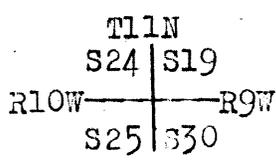
- 20.10 Wash, 60 lks. wide, 4 ft. deep, course W.
- 39.60 Wash, 35 wide, 3 ft. deep, course N. 80° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 55.00 Wash, 5 lks. wide, 2 ft. deep, course S. 30° W.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, heavily rolling.  
Soil, sandy and rocky, 3rd rate.  
Undergrowth, greasewood, palo verde, 8 Joshua trees and cactus.  
No timber.

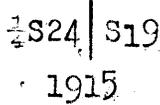
North, bet. secs. 19 and 24.  
Over rolling land, through scattering brush

- 27.00 Wash, 50 lks. wide, 7 ft. deep, course S. 75° W.

82: East boundary of Township 11 North, Range 10 West.

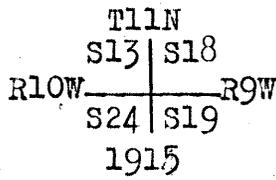
Chains.

36.50 Road from Santa Maria river to Date Creek, brs.E.and W.  
40.00 Set an iron post, 1 in. in diam., 3 ft.long, 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft. high,W.of cor.

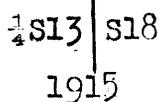
66.50 Wash,15 lks.wide, 3 ft. deep, course NE.  
80.00 Set an iron post 3 ins. in diam., 3 ft.long, 24 ins. in the ground.for cor.of secs. 13,18,19 and 24, marked on brass cap,



dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$  ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor. Land, rolling.  
Soil, sandy and rocky; 2nd rate.  
Undergrowth, greasewood, palo verde, Joshua trees and cactus.  
No timber.

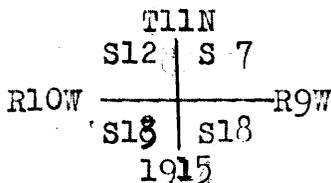
North, bet. secs. 13 and 18.  
Over mountainous land, thru. scattering brush.  
Descend.

13.60 Wash, 30 ft. deep, 260 lks.wide, course E. Ascend.  
18.60 Descend broken N.slope, 150 ft. to  
32.40 Wash, 10 lks.wide,, course NE. Ascend 40 ft.  
36.00 Top of ridge, brs.NE. and SW. Descend 40 ft.  
39.85 Wash, 10 lks.wide, course NE. Ascend.  
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 18 ins. in the ground, in a mound of earth and stone, 3 ft. base, 1 ft.high, for  $\frac{1}{4}$  sec.cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft.high,W.of cor. Ascend.

42.50 Top of spur, slopes NE. Descend 75 ft.to  
45.80 Wash, 100 lks.wide, course N. 75° W.  
Ascend on very rough,broken and rocky S. slope,250 ft.to  
61.90 Top of ridge, brs.N.60°W.,and S.60°E. Descend.over rocky broken land.  
74.20 Top of rocky spur, slopes NW.  
Descend 170 ft.to  
80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.7,12,13 and 18, marked on brass cap,



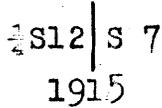
and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.

Land, mountainous.  
Soil, sandy and rocky, 4th rate.  
Undergrowth, scanty, greasewood, palo verde and cacti.  
No timber.

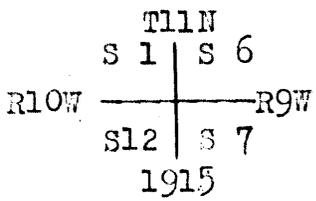
East boundary of Township 11 North, Range 10 West. 83

Chains.

- North, bet. secs. 7 and 12.
- Over mountainous land, through scattering brush.
- Descend.
- 0.30 Bottom of rocky ravine, course W.
- Ascend abruptly 250 ft. to
- 9.30 Top of cliff, brs. N. 5° W. and S. 5° E. Thence descend along broken W. slope.
- 14.30 Descend NW. slope, 90 ft. to
- 27.30 Wash, 15 lks. wide, course SW.
- Ascend along SE. slope, 90 ft. to
- 37.10 Top of spur, slopes S. 20° W. Descend along broken W. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



- and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
- 44.00 Top of spur, slopes N. 80° W.
- Descend N. slope, 150 ft. to
- 51.50 Ravine, 30 lks. wide, course S. 80° W.
- Ascend 190 ft. to
- 64.70 Top of spur, slopes NW. Descend.
- 71.50 Ravine, 150 ft. deep, course S. 80° W. Ascend.
- 74.00 Top of ridge, brs. E. and W.
- Descend N. slope, 130 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

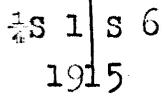


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, rocky, of no apparent value.  
Undergrowth, scanty, greasewood, palo verde and cacti.  
No timber.

L.E.W.

- H.P.
- North, bet. secs. 1 and 6.
- Over mountainous land, through scattering brush.
- Descend 45 ft. to
- 4.65 Enter gulch, course S. 30° W. from N.
- 9.70 Leave same from NE.
- Ascend broken SE. slope.
- 16.85 Top of spur, slopes SE.
- 31.45 Top of spur, slopes SE., 320 ft. above gulch above described. Descend along E. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



- and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Ascend 50 ft. to
- 45.00 Top of spur, slopes E.
- Descend 65 ft. to
- 47.90 Gulch, 10 lks. wide, course SE.
- Ascend steep S. slope, 280 ft. to
- 52.80 Top of bluff, brs. NE. and SW.

84. East boundary of Township 11 North, Range 10 West.

Chains.

- Continue to ascend. Ascend 100 ft. to  
 61.35 Top of ridge, brs. NW. and SE.  
 Descend NE. slope, 50 ft. to  
 65.30 Ascend steep, broken and irregular SW. slope, 85 ft. to  
 71.35 Top of rocky bluff, brs. E. and W. -  
 Descend broken NE. slope, 250 ft. to  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground, for cor. of Ts. 11 and 12 N., Rs. 9 and 10 W.,  
 marked on brass cap,

	T12N.	
	S36	S31
R10W		R9W
	S 1	S 6
	T11N	
	1915	

and raise a mound of stone 3 ft. base, 2 ft. high, SW. of  
 cor.

Land, mountainous, quite rough.

Soil, rocky, of no apparent value.

Undergrowth, greasewood, catclaw, palo verde and cactus.

No timber.

T. H. P.

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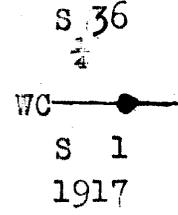
Chains.

L.E.W.  
 From cor. of Ts. 11 and 12 N., Rs. 10 and 11 W., hereinbefore described,  
 East, on a random line on N. bdy. of Tp., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 474.10 chs. fall 110 lks. N. of cor. of Ts. 11 and 12 N., Rs. 9 and 10 W., hereinbefore described.  
 True course and length of this Tp. bdy. is therefore N. 89° 52' W., 474.10 chs.

L.E.W.

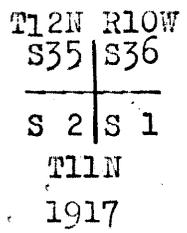
H.P.  
 N. 89° 52' W., bet. secs. 1 and 36.  
 Over mountainous land. Ascend 202 ft., over cliffs on NE. slope.

- 6.50 Top of ridge, brs. NW. and SE. Descend 310 ft. to
- 19.30 Head of wash, 10 lks. wide, course NW. Ascend 30 ft. over NE. slope.
- 20.00 Top of spur, slopes NW. Descend 535 ft. to
- 39.73 Set an iron post 3 ft. long, 1 in. in diam., supported by a mound of stone (impossible to set in ground on account of rock surface) for witness cor. to  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 40.00 True point for  $\frac{1}{4}$  sec. cor. falls on steep vertical face of rock, where post could not be set. Descend 108 ft. to
- 49.38 Top of spur, slopes NW. Descend 280 ft. to
- 53.65 Wash, 20 lks. wide, course N. in bottom of canyon; ascend 365 ft. to
- 65.47 Top of spur, slopes NW. Descend 250 ft., over cliffs to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Undergrowth, scattering palo verde, greasewood and cactus.  
 No timber.

- N. 89° 52' W. bet. secs. 2 and 35.  
 Over mountainous land. Descend 245 ft. to
- 8.62 Wash, 100 lks. wide, course N. Ascend 50 ft.
  - 10.00 Point of spur, slopes N. Descend 30 ft.
  - 13.70 Wash, 100 lks. wide, course N. Ascend 260 ft.
  - 22.26 Top of spur, slopes N. Descend 50 ft.
  - 24.26 Head of wash, 10 lks. wide, course N. Ascend 180 ft.
  - 36.20 Top of ridge, brs. N. and SE. Descend 90 ft. over W. slope to
  - 40.00 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground, supported by a mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,

86. North boundary of Township 11 North, Range 10 West.

Chains.

S 35  
—  
S 2  
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Descend 290 ft. over broken W. slope.

55.00 Wash, 15 lks. wide, course S. 70° W., Desc. 190 ft. over roughly rolling W. slope.

H.P.

J.G.C.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, marked on brass cap,

T12N  
S34 | S35  
R10W ———  
S 3 | S 2  
T11N  
1915

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. J.G.C.

H.P.

Land, mountainous.

Soil, rocky, 4th rate.

Undergrowth, scattering palo verde, greasewood and cactus.

No timber.

H.P.

L.E.W.

N. 89° 52' W., bet. secs. 3 and 34.

Over mountainous land, thru. medium undergrowth.

1.00 Wash, course NW.

Ascend bank, 35 ft. high. Thence over broken N. slope.

20.50 Left bank of Santa Maria river, course S. 60° W.; water 6 ins. deep.

29.50 Right bank of same, and enter brushy bottom land, same bearing.

30.50 Leave bottom land. Ascend broken SE. slope, 80 ft.

35.00 Top of spur, slopes SE.

Descend 75 ft.

39.20 Wash, 20 lks. wide, course SE.

Ascend 20 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 34  
—  
S 3  
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Ascend cliff, 20 ft. high, facing NE. from cor., and continue to ascend on NE. slope to

41.85 Top of ridge, 120 ft. above  $\frac{1}{4}$  sec. cor. brs. NW. and SE. Descend 133 ft. on SW. slope to

48.00 Wash, 100 lks. wide, course S. 10° E.

Ascend broken NE. slope, 680 ft. to sec. cor.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T12N  
S33 | S34  
R10W ———  
S4 | S3  
T11N  
1915

North boundary of Township 11 North, Range 10 West. 87

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous and bottom.  
Soil, rocky and sandy, 2nd and 4th rate.  
Undergrowth, palo verde, greasewood, cottonwood and willows.  
No timber.

- 21.50 N. 89° 52' W. on a true line, bet. secs. 4 and 33. Over mountainous land, through scattering brush. Descend 450 ft. on W. slope.
- 40.00 Wash, 60 lks. wide, course S. Ascend 370 ft. on E. slope to 1/4 sec. cor. Set an iron post, 1 in. in diam., 3 ft. long, 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1833

S 4

1915

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 67.50 Continue to ascend on E. slope to Top of sharp ridge, brs. N. 20° W. and S. 30° E., 650 ft. above 1/4 sec. cor.
- 80.00 Descend 450 ft. on SW. slope to Set an iron post, 3 ins. diam., 3 ft. long, 24 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T12N

S32 | S33

R10W

S5 | S4

T11N

1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, rocky of no apparent value.  
Undergrowth, palo verde, greasewood and cacti.  
No timber.

- 12.00 N. 89° 52' W., bet. secs. 5 and 32. Over mountainous land, thru. scattering brush. Descend on W. slope, 100 ft. to Foot of descent, draw, drains S. Ascend 100 ft. to
- 22.85 Top of ridge at peak in same descending in all directions, general courses being S. and NE.
- 30.00 Descend on rough, broken SW. slope 530 ft. to 1/4 sec. cor. Head of gulch, 75 ft. deep, course S.; ascend.
- 37.00 Top of spur, slopes SW. Descend.
- 40.00 Set an iron post 1 in. in diam., 3 ft. long, 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

1/4 S 32

S 5

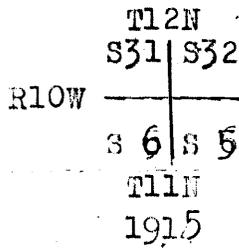
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 70.00 Descend on broken W. slope, 480 ft. Wash, 30 lks. wide, course S. 5° W. Ascend 80 ft.
- 75.00 Top of ridge, brs. N. and S. Desc. 45 ft. to

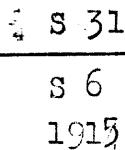
88. North boundary of Township 11 North, Range 10 West.

Chains.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
Land, mountainous.  
Soil, rocky, with very scanty loam; of no apparent value.  
Undergrowth, greasewood, palo verde and cacti.  
No timber.

N. 89° 52' W., bet. secs. 6 and 31.  
Over mountainous land, through scattering brush.  
Ascend gradually, on broken S. slope.  
22.50 Top of spur, slopes S.  
Descend 35 ft.  
26.00 Wash, 10 lks. wide, course SE.  
Ascend 120 ft.  
33.70 Top of ridge, brs. N. and S.  
Descend 35 ft. to  
40.00 Set an iron post 1 in. in diam., 3 ft. long, 18 ins. in the ground in a mound of earth and stone, 12 ins. high, 3 ft. base for sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
Ascend gradually 30 ft.  
42.40 Top of short spur, slopes NW.  
Descend on SW. slope, 250 ft. to  
53.00 Wash, 4 lks. wide, course S. 70° W. Ascend.  
57.00 Top of spur, slopes SW. Descend.  
61.25 Wash, 300 lks. wide, course S. Ascend 45 ft. to  
66.00 Top of ridge, brs. N. and S. Descend 45 ft.  
72.00 Wash, 50 lks. wide, course SE.  
Ascend 45 ft. to  
74.10 The cor. of Ts. 11 and 12 N., Rs. 10 and 11 W., hereinbefore described.  
Land, mountainous.  
Soil, rocky, with very scanty loam of no apparent value.  
Undergrowth, greasewood, palo verde and cacti.  
No timber.

L.E.W.

Boundaries of Township 11 North, Range 10 West.  
Latitudes, departures and Closing Errors.

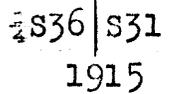
Line designated.	True Bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	474.45				474.45
West boundary,	North,	480.00	480.00			
North boundary,	S. 89° 52' E.	474.10		1.10	474.10	
East boundary,	South,	480.00		480.00		
Convergency,					.49	
	Totals,		480.00	481.10	474.59	474.45
				480.00	474.45	
	Error in latitude,			1.10		
	Error in departure,				0.14	

East boundary of Township 12 North, Range 10 West. 89/

Chains.

H.N.B. From cor. of Ts. 11 & 12 N., Rs. 9 & 10 W. hereinbefore described, North, bet. secs. 31 and 36, over mountainous land.

40.00 Descend NE slope, 725 ft. to Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

59.04 Descend 310 ft. to, course NW. Ascend 30 ft. to

59.04 Gulch, 10 fks wide, course NW. Ascend 30 ft. to

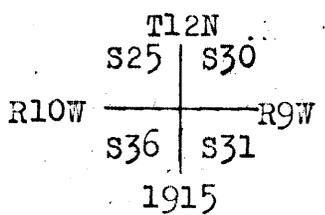
67.82 Top of spur, slopes NW.

Descend 70 ft. to

71.50 Bottom of gulch, course NW. Ascend 50 ft.

74.50 Spur, slopes NW. Descend 70 ft. to

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

Undergrowth, palo verde, greasewood and catclaw.

No timber.

H.N.B.

J.G.C.

North, bet. secs. 25 and 30.

Over mountainous land, through scattering brush.

Descend 100 ft. to

4.00 Santa Maria river, 60 lks. wide, 2 ft. deep, course west.

Ascend SE slope, 410 ft. to

20.75 Top of spur, slopes SE.

Descend 60 ft. to

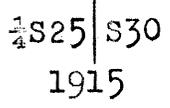
23.70 Wash, 20 lks. wide, course SE.

Ascend S. slope, 425 ft. to

34.15 Top of spur, slopes E.

Descend NE slope, 65 ft. to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Descend 225 ft. to

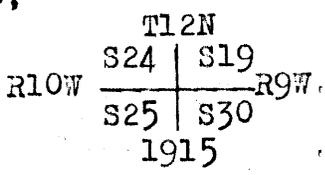
49.50 Wash, 20 lks. wide, course E.

Ascend 130 ft. to

58.63 Top of spur, slopes SE. Descend NE slope, 100 ft. to

69.10 Wash, 15 lks. wide, course SE. Asc. 175 ft. on SE slope.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



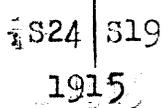
and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of

90 East boundary of Township 12 North, Range 10 West.

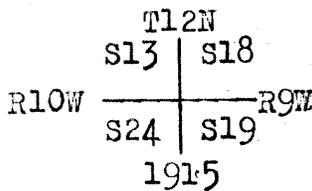
Chains.

cor.  
Land, mountainous.  
Soil, loose sand and decomposed granite; 4th rate.  
Undergrowth, palo verde, catclaw, greasewood, mesquite and cacti.  
No timber. J.G.C.

L.E.W.  
North, bet. secs.19 and 24. Magnetic variation, 15°E.  
Over mountainous land, thru. scattering brush.  
Along steep, broken E. slope.  
1.70 Short steep spur, slopes E.  
Descend 55 ft.  
5.30 Wash, 5 lks.wide, course SE.  
Ascend 230 ft.  
11.50 Top of spur, slopes SE.  
Descend 150 ft.  
19.10 Wash, 5 lks.wide, course SE.  
Ascend 275 ft.  
30.10 Top of spur, slopes SE.  
Top of Negro Ben Peak brs.N.45°W., about 35.00 chs. dist.  
and is about 720 ft. higher than this point.  
Descend 120 ft.  
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.  
40.10 Wash, 5 lks.wide, course SE.  
Ascend 130 ft.  
44.00 Top of short ridge, brs.NW. and SE.  
Descend 75 ft.  
46.40 Wash, 100 lks.wide, course SE.  
Ascend on S. slope, 315 ft.  
61.70 Top of ridge, brs.NE. and SW.  
Descend N. slope, 300 ft.to  
80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.13,18,19 and 24, marked on brass cap,

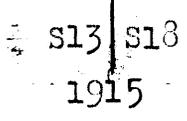


and raise a mound of stone 3 ft.base, 2 ft.high,W.of cor.  
Land, mountainous.  
Soil, rocky, 4th rate.  
Undergrowth, palo verde, greasewood and cacti.  
No timber.

North, bet. secs.13 and 18.  
Over mountainous land, through scattering brush.  
Descend 50 ft.to  
2.00 Wash, 10 lks.wide, course E. turning to NE., 150 lks.E.of line.  
Ascend 50 ft.  
5.00 Top of short spur, slopes E.  
Descend 100 ft.  
10.00 Wash, 40 lks.wide, course E. from NW. Ascend 350 ft.  
30.10 Top of spur, slopes SE.  
Continue along E.slope to

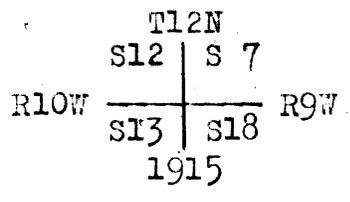
Chains.

- 35.00 Top of N. slope. Descend 60 ft. to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. This cor. falls among large granite boulders.

- Ascend 100 ft. to
- 55.00 Top of rocky spur, slopes NE. Descend 120 ft.
- 65.00 Wash, 15 lks. wide, course SE. Ascend abruptly 140 ft. to
- 71.50 Top of spur, slopes SW. Thence descend over rocky W. slope.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

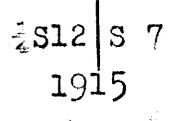


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, rocky of no apparent value.  
Undergrowth, greasewood, palo verde and cacti.  
No timber.

North, bet. secs. 7 and 12.  
Over mountainous land, thru. scattering brush.  
Cross ridge, 20 ft. above corner, descending west.

- 3.50 Head of wash, 200 lks. wide, course SW. Ascend 130 ft.
- 12.00 Top of ascent, slopes W. Thence along steep rocky west slope.
- 15.00 Highest point of hill or knob, 100 ft. higher than this point, brs. E. about 10 chs. dist. Ascend.
- 18.50 Top of spur, slopes NW. Descend on N. slope, 230 ft. to
- 37.00 Head of wash, 5 lks. wide, course NE. Ascend 50 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



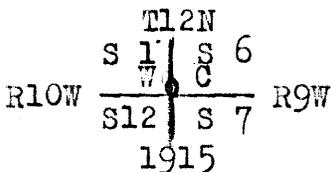
and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Top of a conical butte 250 ft. higher than this point brs. west, about 15.00 chs. dist.  
Ascend 120 ft.

- 45.40 Top of spur, slopes E. Descend on N. slope, 190 ft. to
- 54.00 Bottom of gulch, course E. Thence over broken E. slope, ascending.
- 63.00 Top of long spur, slopes E. Descend 300 ft. to
- 78.20 Spring branch, water, 1 lk. wide, course S. 70° E., turning to E., 2.50 chs. E. of line. Ascend 55 ft.
- 79.86 Top of sharp ridge, brs. E. and W. The cor. of secs. 1, 6, 7 and 12 falls on the steep north slope of this ridge, where a monument would be very insecure; therefore, at this point, I set an iron post 3 ft. long,

92. East boundary of Township 12 North, Range 10 West.

Chains

3 ins. in diam., 24 ins. in the ground for witness cor. to the cor. of secs. 1, 6, 7 and 12, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of post. Descend 10 ft. to

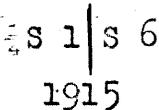
80.00 True point for cor. of secs. 1, 6, 7 and 12.

Land, mountainous.  
Soil, rocky, 4th rate,  
Undergrowth, scanty, greasewood, palo verde and cacti.  
No timber.

From true point for cor. of secs. 1, 6, 7 and 12. North, bet. secs. 1 and 6.

Over mountainous land, through scattering brush. Descend abruptly on N. slope, 100 ft. to

- 2.25 Bottom of gulch, course NE.
- 15.48 Top of bluff, 150 ft. high, brs. NW. and SE.
- 18.86 Bottom of wash in box canyon, wash 40 lks. wide, course SE. Ascend 150 ft. to
- 22.25 Top of bluff, leave box canyon; thence over very broken E. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

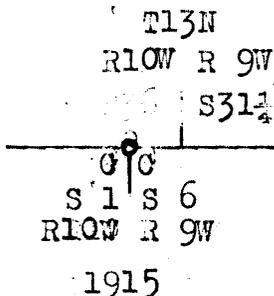


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

44.00 Ascend broken SE. slope, 50 ft. to Top of long spur, slopes E. for 9.00 chs.; thence SE. Thence along broken E. slope, descending.

61.47 Intersect 3rd. Standard Parallel North, 6.32 chs. N. of the reestablished standard 1/4 sec. cor. of sec. 31 of T. 13 N., R. 9 W., described in Book "B."

At point of intersection, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for closing cor. of T. 12 N., R. 9 and 10 W., marked on brass cap,



and raise a mound of stone, 3 ft. base. 2 ft. high, S. of cor.

Land, mountainous.  
Soil, sandy, much of which is cemented, without loam of no apparent value.  
Undergrowth, greasewood, palo verde and cacti.  
No timber.

L.E.W.

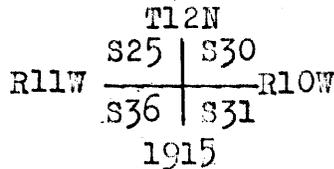
Chains.

L.E.W.  
 North, bet. secs. 31 and 36.  
 Over mountainous land, through scattering brush.  
 Descend 40 ft.  
 4.00 Wash, 50 lks. wide, course SE.  
 Ascend 90 ft.  
 8.00 Top of short spur, slopes W. Thence along W. slope to  
 10.50 Top of ridge, brs. N. 10° W. and S. 10° E.  
 Descend 40 ft.  
 14.00 Enter wash, course S. 10° E. Thence up wash.  
 17.00 Leave wash, course S. from N. 10° W. Ascend 150 ft. on SW.  
 slope.  
 33.50 Rim of mesa, brs. NW. and SE. Thence across mesa.  
 39.00 Rim of mesa, brs. E. and W. Leave mesa.  
 Descend 15 ft. to  
 40.00 Set an iron post, 1 in. in diam., 3 ft. long, 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S36 | S31  
 1915

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

This  $\frac{1}{4}$  sec. cor. falls on W. side of wash, 4 lks. wide, course S. from NW.

Ascend broken SW. slope, 330 ft. to  
 64.30 Top of spur, slopes SE.  
 Descend over broken NE. slope, 85 ft. to  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for cor. of secs. 25, 30, 31 and 36, marked  
 on brass cap.



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

This sec. cor. falls on S. side of head of wash, course SE. Land, mountainous.

Soil, sandy and rocky, 4th rate.

Undergrowth, greasewood, palo verde and cacti.

No timber.

North, bet. secs. 25 and 30.  
 Over mountainous land, through scattering brush.  
 0.70 Wash, 4 lks. wide, course SE.  
 Ascend S. slope, 160 ft.  
 9.60 Top of spur, slopes SE.  
 Descend on broken E. slope, 50 ft. to  
 18.00 Wash, 10 lks. wide, course SE.  
 Ascend S. slope, 310 ft. to  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 25 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S25 | S30  
 1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

This cor. falls on steep W. slope, in slide rock.

40.25 Head of wash, or gulch, course W. for 5.00 chs.; thence S.  
 10° W.  
 Ascend over broken, rocky land, 210 ft.  
 52.00 Top of ridge, brs. N. 80° W. and SE.  
 Descend 130 ft.  
 57.30 Head of gulch, course W. Wash, in same 10 lks. wide.  
 Ascend 150 ft.  
 68.00 Top of spur, slopes W.  
 Descend 60 ft.

94. West boundary of Township 12 North, Range 10 West.

Chains.

- 75.00 Low pass in ridge which brs. NW. and SE.  
Ascend SE. slope, 95 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

T12N	
S24	S19
R11W	R10W
S25	S30
1915	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

Undergrowth, palo verde, greasewood and cacti.

No timber.

North, bet. secs. 19 and 24.

Over mountainous land, through scattering brush.

Ascend 15 ft.

- 1.00 Top of ridge, brs. NW. and SE. Thence along broken E. slope.
- 22.00 Top of short spur, slopes E.  
Descend 120 ft.
- 28.00 Wash, 5 lks. wide, course SE.  
Ascend 140 ft.
- 38.00 Top of short spur. slopes E.  
Descend 25 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for sec. cor., marked on brass cap,

S24	S19
1915	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Descend 30 ft.

- 42.80 Head of wash, course SE.

Ascend 280 ft.

- 67.50 Top of spur, slopes NE.

Descend 55 ft.

- 70.00 Head of wash, 5 lks. wide, course SE.

Ascend 220 ft. to

- 80.00 Set an iron post, 3 long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

T12N	
S13	S18
R11W	R10W
S24	S19
1915	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

This cor. falls on medium steep E. slope.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

Undergrowth, greasewood, palo verde, catclaw and cacti.

No timber.

North, bet. secs. 13 and 18.

Over mountainous land, through scattering brush and cacti

Descend 90 ft.

- 4.20 Head of gulch, course SE.

Ascend 230 ft.

- 10.00 Top of ridge, brs. E. and W.

Descend 255 ft.

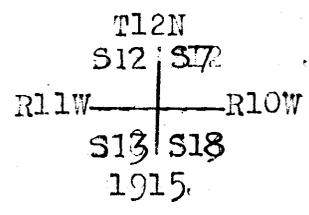
Westboundary of Township 12 North, Range 10 West. 95

Chains.

24.50 Wash, 10 lks.wide, course SE.  
Ascend 265 ft.  
36.40 Top of ridge, brs.E. and W.  
Descend 60 ft.to  
40.00 Set an iron post 3 ft.long, 1 in.in diam. 26 ins.in  
the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
  
 $\frac{1}{2}$  S13 | S18  
1915

and raise amount of stone 2 ft.base,  $1\frac{1}{2}$  ft. high,W.of cor.

45.00 Head of gulch, wash in same, 10 lks.wide, course W.  
Ascend 110 ft.  
49.75 Top of spur slopes W.  
Descend 175 ft.  
59.00 Wash, 10 lks.wide, course SW.  
Ascend over broken S. slope, 265 ft.to  
80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
the ground for cor.of secs. 7,12,13 and 18, marked on  
brass cap,

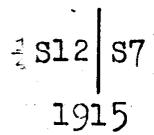


and raise a mound of stone 3 ft.base, 2 ft.high,W.of cor.

Land, mountainous.  
Soil, rocky, with scanty loam, 4th rate.  
Undergrowth, scattering greasewood, palo verde and cacti.  
Timber, scattering junipers.

-----  
North, between secs. 7 and 12.  
Over mountainous land, through scattering brush and cacti.  
Ascend on broken S.slope.120 ft.

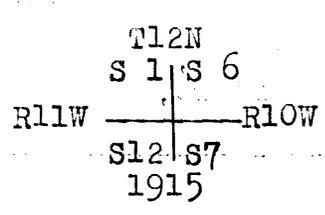
17.50 Long ridge, brs.NE. and SW.  
Descend 70 ft.  
25.00 Head of wash, course SW.  
Ascend 160 ft.  
33.50 Top of short spur, slopes W.  
Descend 40 ft.  
38.90 Wash, 5 lks.wide, course SW.  
Ascend 40 ft.to  
40.00 Set an iron post 3 ft.long, 1 in.in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,



and raise a mound of stone, 2 ft.base,  $1\frac{1}{2}$  ft. high,W. of cor.

Ascend 525 ft.  
62.50 Top of long ridge, brs.NW and SE. N.slope of this ridge  
is covered with low junipers.  
Descend 240 ft.to

80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
the ground for cor.of secs.,1,6,7 and 12, marked on  
brass cap,



96. West boundary of Township 12 North, Range 10 West.

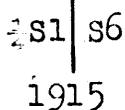
Chains.

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous.  
 Soil, rocky with scanty loam, 4th rate.  
 Undergrowth, scattering greasewood, palo verde and cactus.  
 Timber, scattering junipers.

North, between sections 1 and 6.  
 Over mountainous land, thru. scattering brush and junipers about 15 ft. high.  
 Descend 220 ft.

16.00 Wash, 10 lks. wide, course NE. for 10.00 chs., thence N.  
 Enter heavily rolling E. slope.

40.00 Set an iron post 3 ft. long, 1 in. indiam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Descend 75 ft. to

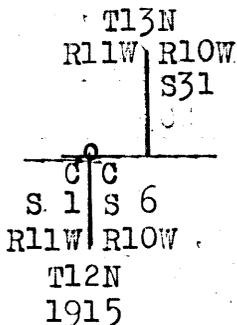
56.00 Wash, 5 lks. wide, course NE.

59.50 Wash, 20 lks. wide, course NE.

60.30 Intersect Third Standard Parallel North, 174 lks. N. 89° 57' W. of the reestablished standard  $\frac{1}{4}$  sec. cor. of sec. 31, T. 13 N., R. 10 W., described in Book "B."

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for closing cor. of Ts. 12 N., Rs. 10 and 11 W., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor.  
 Land, mountainous.  
 Soil, rocky, with very scanty loam, 4th rate.  
 Undergrowth, scattering greasewood, scrub oaks and several varieties of cactus.  
 Timber, scattering juniper. L.E.W.

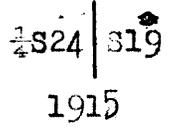
Boundaries of Township 12 North, Range 10 West.  
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	N. 89° 52' W.	474.10	1.10			474.10
West boundary,	North,	460.30	460.30			
North boundary, (3rd. Std. Par. N)	S. 89° 57' E.	441.74		.38	441.74	
	S. 89° 59' E.	32.71		.01	32.71	
East boundary,	South,	461.47		461.47		
Convergency,					.49	
Totals,			461.40	461.85	474.94	474.10
				461.40	474.10	
Error in latitude,			0.45			
Error in departure,					0.84	

Portion of West boundary of Township 11 North Range 7 West 97

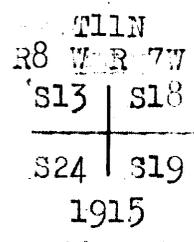
Chains. L.E.W.  
 From the reestablished cor. of secs. 19, 24, 25 and 30, on W. bdy. of Tp., hereinafter described, North, bet. secs. 19 and 24. Over heavily rolling land, through scattering brush.

15.10 Wagon road, brs. E. and W.  
 20.30 Wash, 30 lks. wide, course W.  
 29.00 Wash, 10 lks. wide, course W.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 50 ft. to Junction of wash, from SE. with wash from NE., course NW.

50.00  
 61.20 Wash, 100 lks. wide, course NW.  
 66.00 Foot of ascent, brs. E and W. Ascend 90 ft. to  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

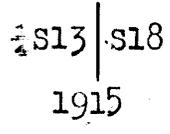


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, heavily rolling or mountainous.  
 Soil, rocky, 4th rate.  
 Undergrowth, scattering greasewood, palo verde, catclaw, cacti and Joshua trees.  
 No timber.

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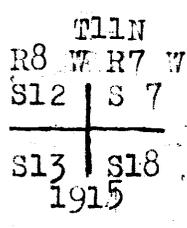
North, bet. secs. 13 and 18.  
 Over mountainous land, through scattering brush. Ascend 45 ft.

3.00 Top of granite ridge, brs. E. and W. Descend 30 ft.  
 6.00 Wash, 20 lks. wide, course W. Ascend 70 ft. over S. slope.  
 17.50 Top of ridge, brs. NE. and SW. Descend 100 ft.  
 29.30 Wash, 20 lks. wide, course SW. Ascend 115 ft.  
 35.00 Top of spur, slopes SW. Descend 25 ft.  
 38.30 Head of ravine, course SW. Ascend 25 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor. Ascend 12 ft.

41.20 Top of short spur, slopes SW. Descend 190 ft.  
 55.00 Wash, 25 lks. wide, course S. 80° W. Ascend 200 ft.  
 64.00 Long spur, slopes SW. Descend broken rocky N. slope, 140 ft. to  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

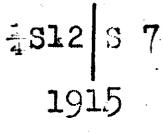


98 Portion of West boundary of Township 11 North, Range 7 West.

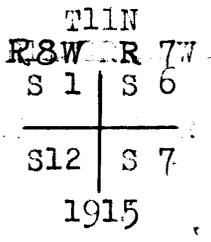
Chains

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, mountainous.  
Soil, sandy and rocky, 3rd rate.  
Very scattering greasewood, catclaw, palo verde and cacti/ undergrowth.  
No timber.

11.10 North, bet. secs. 7 and 12.  
Over mountainous land, through very scattering brush.  
Descend 180 ft.  
Bottom of ravine, wash in same, 10 lks. wide, course W.  
Ascend 180 ft.  
15.30 Top of spur, slopes W. Descend 220 ft.  
31.65 Wash, 20 lks. wide, course W. Ascend 30 ft. to  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

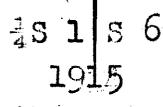


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Descend 35 ft. to  
42.00 Top of steep bank, 25 ft. high, brs. SW. and NE.  
42.80 Foot of bank, wash, 100 lks. wide, course SW.  
48.00 Mouth of ravine from N. 1° W., course SW.  
Ascend 40 ft. to  
60.00 Top of short spur, slopes SW. Descend 20 ft.  
65.00 Wash, 25 lks. wide from NE., course S. 85° W.  
Ascend rocky S. slope, 170 ft. to  
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, mountainous.  
Soil, rocky, with good quality of loam intermingled.  
Undergrowth, very scattering greasewood, palo verde, cacti and Joshua trees.  
No timber.

6.00 North, bet. secs. 1 and 6.  
Over mountainous land.  
Ascend 60 ft.  
22.00 Top of ascent, brs. SW. and NE. Thence over heavily rolling land, covered with large granite boulders.  
29.00 Top of low ridge, brs. E. and W. Descend.  
Head of wash, 10 lks. wide, course NW.  
Descend gradually to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Descend gradually, over low granite hills.  
51.00 Top of steep descent, brs. E. and W. Descend 230 ft.

## Portion of West boundary of Township 11 North, Range 7 West. 99

Chains.

- 57.00 Wash, 15 lks.wide, course NW. Ascend 220 ft.  
 69.50 Top of rocky spur, slopes W. Continue along broken W.  
 slope.  
 79.25 Top of spur, brs. NW. and SE., ascending each way from  
 this point. A knob 25 ft. higher than line brs.NW.250  
 lks.dist., from which the ridge descends abruptly NW.,  
 W. and SW.  
 80.00 Set temp.cor.of Ts.11 and 12 N., Rs.7 and 8 W.  
 Descend steep broken N.slope,100 ft.to  
 84.03 Intersect cor.of Ts.11 and 12 N., R.7 W., established after  
 surveying N. bdy.of T.11 N.,R.7 W.to determine its in-  
 tersection with W. bdy. as hereinafter described.

Land, mountainous.

Soil, rocky,4th rate.

Undergrowth, scattering greasewood, palo verde and cacti.

No timber.

L.E.W.

100. North boundary of Township 11 North, Range 7 West.

Chains.

L.E.W. and H.N.B.  
From the temp. cor. of Ts. 11 and 12 N., Rs. 7 and 8 W., set on W. bdy. of Tp., as hereinafter described, East, on a random line, along N. bdy. of T. 11 N., R. 7 W., setting temp.  $\frac{1}{4}$  sec. cor., and sec. cors. at intervals of 40.00 chs., and at 486.04 chs. fall 4.03 chs. S. of re-established cor. of Ts. 11 and 12 N., Rs. 6 and 7 W., hereinafter described.

L.E.W. & H.N.B.

H.N.B.  
From reestablished cor. of Ts. 11 and 12 N., Rs. 6 and 7 W., West, bet. secs. 1 and 36.

35.50  
40.00

Over gently rolling land, through scattering undergrowth. Old road, brs. NE. and SW.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 36

S 1

1915

dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.

72.16  
75.86  
80.00

Wash, 1 ft. deep, 4 lks. wide, course N.  
Wagon road, brs. N. and S.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T12N

S 35 | S 36

R7W | S 2 | S 1

T11N

1915

dig pits, 18x18x12 ins., in each sec. 5  $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy loam, 2nd rate.  
Undergrowth, scattering catclaw, oak and mesquite.  
No timber.

West, bet. secs. 2 and 35.  
Over rolling land, through scattering brush.  
Wash, 1 ft. deep, 5 lks. wide, course NE. Ascend.  
Top of low ridge, brs. N. and S. Descend.  
Wash, 1 ft. deep, 5 lks. wide, course NE. Ascend.  
Top of low ridge, brs. NW. and SE. Descend.  
Wash, 1 ft. deep, 5 lks. wide, course NW.  
Wash, 1 ft. deep, 15 lks. wide, course N.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

4.15  
7.86  
17.00  
24.36  
27.40  
36.60  
40.00

$\frac{1}{4}$  S 35

S 2

1915

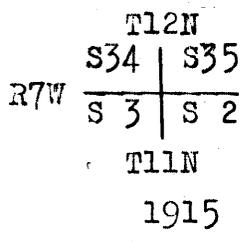
and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

50.45

Wash, 12 lks. wide, 1 ft. deep, course NW.  
Enter medium undergrowth and heavily rolling land, bearing N. and S.  
Ascend NE. slope, 70 ft.

North boundary of Township 11 North, Range 7 West. 101

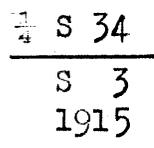
Chains  
 58.00 Top of spur, slopes NE. Descend NW.slope, 50 ft.to  
 65.00 Enter draw, course NE.  
 68.40 Wash, 2 ft. deep, 15 lks.wide, course NE.  
 70.50 Same wash, course SE.  
 74.85 Same wash, course NE.  
 79.45 Same wash, course SE.  
 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.2,3,34 and 35, marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.  
 Land, rolling.  
 Soil, rocky, 4th rate.  
 Undergrowth, mesquite, catclaw, palo verde and cacti.  
 No timber.

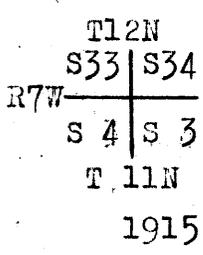
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 West, bet. secs.3 and 34.  
 Over mountainous land, not very rough, thru. scattering brush.

1.20 Wash, 2 ft.deep, 12 lks.wide, course NE.  
 3.20 Same wash, course SE.  
 4.80 Same wash, course NE. Ascend SE.slope, 100 ft.  
 11.35 Top of ridge, brs.NE: and SW. Descend 35 ft.  
 17.20 Gulch, 5 lks.wide, course NE, Ascend 50 ft.  
 22.30 Top of spur, slopes NE. Descend 70 ft.  
 30.60 Wash, 30 lks.wide, course NE. Ascend 75 ft.  
 38.60 Top of ridge, brs.NE. and SW. Descend 10 ft.to  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.

41.30 Enter gulch, course NE.  
 42.90 Leave same, same course. Ascend rocky NE. slope, 100 ft.  
 52.10 Top of rocky spur, slopes N.  
 Descend 35 ft.to  
 56.65 Gulch, 6 lks.wide, course NE. Ascend E.slope, 170 ft.to  
 80.00 Set an iron post 3 long, 3 ins. in diam., 24 ins. in the ground for cor.of secs.3,4, 33 and 34, marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Undergrowth, scattering mountain mahogany, catclaw, and palo verde.  
 No timber.

102 North boundary of Township 11 North, Range 7 West.

Chains

West, bet. secs. 4 and 33.  
Over mountainous land, through scattering brush.

Ascend broken NE. slope, 560 ft. to  
38.20 Top of spur of mountain, slopes N. Descend 20 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed of  
rock in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on  
brass cap,

$\frac{1}{4}$  S 33  
S 4  
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

H.N.B.

L.E.W.  
Descend from  $\frac{1}{4}$  sec. cor. 425 ft.

72.75 Wash, 5 lks. wide, course N. 10° W. Ascend 110 ft. to  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for cor. of secs. 4, 5, 32 and 33, marked on  
brass cap,

T12N  
S32 | S33  
R7W S 5 | S 4.  
T11N  
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, rocky, of no apparent value.  
Undergrowth, scattering greasewood, palo verde and mountain oak.  
No timber.

West, bet. secs. 5 and 32.  
Over mountainous land, through scattering brush.  
Ascend 85 ft.

6.50 Top of spur, slopes N. Descend W. slope, 330 ft. to  
40.00 On west slope among large granite boulders.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 32  
S 5  
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

From the cor. a cross (x) on a granite boulder 10x6x6 ft.  
above ground, brs. N. 29° E., 12 lks. dist., with B O 32.  
marked beside the cross. Descend 310 ft. to

63.00 Foot of steep descent, brs. N. & S. Thence along broken N. slope to  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground, for cor. of secs. 5, 6, 31 and 32, marked on  
brass cap,

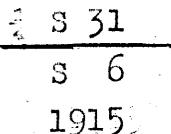
T12N  
S31 | S32  
R7W S 6 | S 5  
T11N  
.1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Chains.

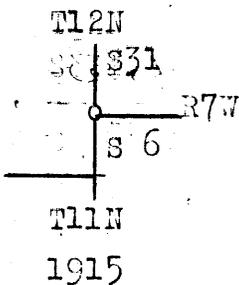
Land, mountainous.  
Soil, rocky of no apparent value.  
Undergrowth, scattering palo verde, greasewood and cacti.  
No timber.

-----  
West, bet. secs. 6 and 31.  
Over mountainous land, through scattering brush.  
On rolling bench, among large granite boulders.  
-40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.

- 42.00 Top of steep descent, brs. N. and S. Descend 250 ft.
- 53.00 Bottom of ravine, course NW. Ascend 200 ft. over broken NE. slope to
- 77.00 Top of spur, slopes N. Thence descend along broken N. slope.
- 86.04 A point 4.03 chs. N. of the temp. cor. of Ts. 11 and 12 N., Rs. 7 and 8 W. hereinbefore described.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, in crevice of granite bedrock, sloping N. at angle of 25° for cor. of Ts. 11 and 12 N., R. 7 W., marked on brass cap,



with a cross on the bedrock, 17 lks. S. of cor., with B O 6 E. of cross.

It is impracticable to raise a mound of stone at this cor.

Land, mountainous.  
Soil, rocky of no apparent value.  
Undergrowth, scattering greasewood, palo verde and cacti.  
No timber. L.E.W.

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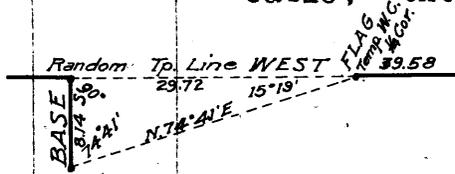
Chains.

East half of this boundary was surveyed by H.N. Bradstreet, in February, 1915, the west half not being surveyed at that time as secs. 31, 32, and 33 were regarded as being of not enough value to justify the survey of same. The survey of the east half was initiated by computing convergence of N. bdy. of sec. 31, and running the subdivision line north of secs. 31, 32 and 33 and east of sec. 33, thus locating and establishing the cor. of secs. 3, 4, 33 and 34. This cor. was connected by a true line with the cor. of T. 11 and 12 N., R. 9 and 10 W. by the survey of the west half of Tp. bdy. by Hugo Price, U.S. Transmitter, in May 1917, as follows:

H.P.  
From cor. of secs. 3, 4, 33 and 34, hereinafter described, West, on random line.

Point for temp.  $\frac{1}{2}$  sec. cor. of secs. 4 and 33 falls on perpendicular cliff, where it is impracticable to set temp. cor.; therefore at

39.58 Set temp. witness cor. to  $\frac{1}{2}$  sec. cor. On account of cliffs and deep canyon W. of this point, chaining is impracticable; therefore, triangulate as follows:

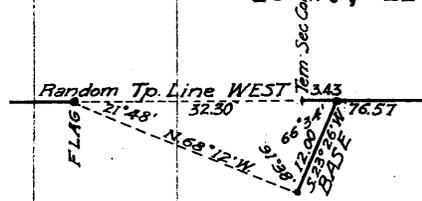


Leave flag at this temp. cor.  
From point on line on W. side of canyon, measure a base line S. 8.14 chs. From S. end of base, the flag brs. N. 74° 41' E. Included angles are 74° 41', 90° 00' and 15° 19', the sum of which is 180° 00'. Dist. on line from flag to N. end of base is therefore obtained by  
Tang. 74° 41' x base or  $3.65121 \times 8.14 = 29.72$  chs., which added to 39.58 chs. =

69.30 Triangulation point on line. Continue line & measurement.

80.00 Set temp. cor. of secs. 4, 5, 32 and 33, chaining west of this point being impracticable, obtain measurement by triangulation, as follows: Return on line 3.43 chs. to point on top of ridge at

76.57 Triangulation point, from which measure a base line S. 23° 26' W., 12.00 chs.



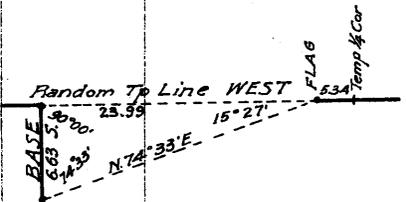
Set flag on line W. of triangulation point. From SW. end of base, flag brs. N. 68° 12' W. The included angles are 91° 38', 21° 48' and 66° 34', the sum of which is 180° 00'.

Dist. on line from triangulation point to flag is therefore obtained by  
Sine 91° 38' x base or  $.99959 \times 12.00 = 32.30$  chs.  
sine 21° 48' .37137

108.87 Flag point on line. Continue line and measurement.

120.00 Set temp.  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.

125.34 At this point, discontinue chaining on account of cliffs and canyons, and obtain measurement by triangulation, as follows:



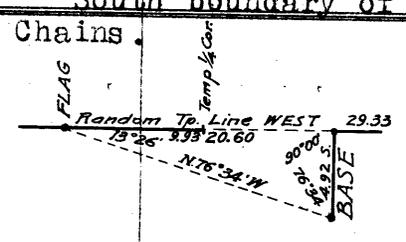
Leave flag on line at this point.  
From a point on line W. of flag, measure a base line S. 6.63 chs. From S. end of base, flag brs. N. 74° 33' E. Included angles are, 74° 33', 90° 00' and 15° 27', the sum of which is 180° 00'.

Dist. on line from flag to N. end of base is therefore obtained by  
Tang. 74° 33' x base or  $3.61814 \times 6.63 = 23.99$  chs., which added to 125.34 chs. =

149.33 Triangulation point on line. W. of this point, another canyon renders chaining impracticable; therefore, triangulate as follows:

Set flag on line W. of this point.  
From Sta. 149.33, measure a base line S. 4.92 chs. From S. end of base, flag brs. N. 76° 34' W. Included angles are 76°

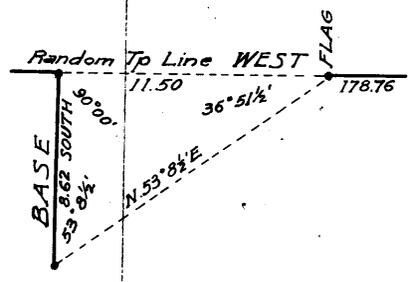
South boundary of Township 12 North, Range 9 West. 105.



34', 13° 26' and 90° 00', the sum of which is 180° 00'.  
 Dist. on line from triangulation point to flag is therefore obtained by  $\text{tang. } 76^\circ 34' \times \text{base or } 4.18675 \times 4.92 = 20.60 \text{ chs.}$ , which added to 149.33 chs. =

169.93 Flag point on line. Measure E. 9.93 chs. and set temp. cor. of secs. 5, 6, 31 and 32.  
 Return to 169.93 ch. station, and continue line and measurement.

178.76 At this point on line, encounter cliffs, which render chaining impracticable; therefore, triangulate as follows:



Leave flag on line at this point. From point on line W. of flag, measure a base line south, 8.62 chs.  
 From S. end of base, flag brs. N. 53° 08 1/2' E. The included angles are 53° 08 1/2', 90° 00' and 36° 51 1/2', the sum of which is 180° 00'.

Dist. on line from flag to triangulation point is therefore obtained by  $\text{tang. } 53^\circ 08 \frac{1}{2}' \times \text{base or } 1.33389 \times 8.62 = 11.50 \text{ chs.}$ , which added to 178.76 chs. =

190.26 Triangulation point on line. Continue line and measurement.

200.00 Point for temp. 1/4 sec. cor. of secs. 6 and 31 falls in insecure place; therefore at

200.80 Set temp. witness cor. to 1/4 sec. cor. of secs. 6 and 31.

238.81 Fall 44 lks. S. of cor. of Ts. 11 and 12 N., Rs. 9 and 10 W., hereinbefore described.

True course and length of W. 1/2 of S bdy. of T. 12 N., R. 9 W. is therefore S. 89° 54' E., 238.81 chs.

From Tp. cor., S. 89° 54' E., bet. secs. 6 and 31.

Over mountainous land; ascend 200 ft. over cliffs on NW. slope.

7.10 Top of cliffs. Descend 420 ft., over very rough, broken NE. slope.

31.00 Head of wash, 20 lks. wide, in bottom of canyon. Wash and canyon drains NE. Ascend 150 ft. over cliffs to

38.81 True point for 1/4 sec. cor. on steep conglomerate slope, where post and accessories, or marking in rock would be destroyed. Ascend.

39.26 Impracticable to set iron post at this point; therefore, on W. face of rock in cliff mark "1/4 WC" for witness cor. to 1/4 sec. cor. of secs. 6 and 31, and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Could not raise the mound on the N.

Ascend 108 ft. over cliffs br. NE. and SW.

40.27 Top of cliffs. Thence over broken N. slope. Ascend 30 ft. to

48.10 Head of wash, 20 lks. wide, course NW.

48.55 Triangulation point, at foot of cliffs. Ascend 415 ft., over cliffs, measurement by triangulation hereinbefore described.

60.05 Flag point of said triangulation at top of cliffs, brs. NE. and SW.

Descend 173 ft., over rough broken NE. slope.

65.77 Ravine, drains N. Ascend 80 ft. to

68.88 Flag point. Thence by triangulation measurement as hereinbefore described across cliffs and canyons to

89.48 Triangulation point from which chain measurement N. 89° 54' W., 10.67 chs. to

78.81 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, supported by a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T12N R9W  
 S31 | S32  
 ---  
 S 6 | S 5  
 T11N  
 1917

## 106 South boundary of Township 12 North, Range 9 West.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

No soil.

No timber.

Undergrowth, scattering greasewood, cactus and catclaw.

S. 89° 54' E., bet. secs. 5 and 32.

Over mountainous land, chaining measurement. Ascend 170 ft.

10.67 Triangulation point. Thence by triangulation hereinbefore described across cliffs, spurs and canyons, to

34.66 Flag point on top of main ridge, brs. N. and S. Thence chain measurement. Descend 150 ft., over E. slope to

40.00 Set a granite stone 6x8x18 ins., 14 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked "1" on N. face, and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 80 ft. to

43.50 Wash, 10 lks. wide, course N. Ascend 105 ft., over W. slope.

51.13 Flag point on top of ridge, brs. N. and S. Thence by triangulation measurement hereinbefore described to

83.43 Triangulation point, from which chain measurement N. 89° 54' W., 3.43 chs. to

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 14 ins. in the ground supported by a mound of stone for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T12N R9W

S32 | S33

S 5 | S 4

T11N

1917

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

No soil.

No timber.

Undergrowth, greasewood, cactus and catclaw.

S. 89° 54' E., bet. secs. 4 and 33.

Over mountainous land. Ascend 45 ft. on W. slope of ridge.

3.43 Triangulation point on top of ridge, brs. N. and S. Thence chaining measurement.

Descend 120 ft. to

10.70 Triangulation point at top of cliffs on W. side of canyon. Thence by triangulation hereinbefore described across canyon, course N.

40.00 Point for  $\frac{1}{4}$  sec. cor. inaccessible.

40.42 Flag point. Set a granite stone 6x12x18 ins., 6 ins. in ground, supported by a mound of stone for witness cor. to  $\frac{1}{4}$  sec. cor., marked "W C" on N. face, and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Thence continue measurement by chaining.

Descend 420 ft. over NE. slope.

58.19 Wash, 15 lks. wide, course NW. Ascend 127 ft. to

64.84 Top of small spur, slopes N. Descend 10 ft. to

66.50 Ascend 90 ft. to

69.69 Descend 73 ft. to

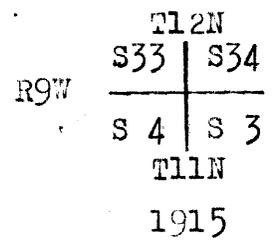
72.19 Wash, 10 lks. wide, course N. Ascend 122 ft. to cor.

H.P.

H.N.B.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 6 ins. in the ground, supported by a mound of stone, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

Chains



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

H.N.B.

H.P.  
Land, mountainous.  
No soil.  
No timber.  
Undergrowth, scattering greasewood, cactus and catclaw.  
H.P.

H.N.B.

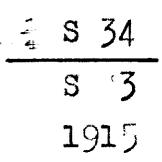
East, bet. secs. 3 and 34.  
Over mountainous land, thru. scattering brush.  
Ascend 85 ft.

2.88 Top of bluff, 30 ft. high, facing W.

Descend 55 ft. to

7.86 Top of bluff 30 ft. high, brs. N. and SE. facing E. Descend irregular E. slope, 430 ft. to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Descend 260 ft.

52.00 Wash, 20 lks. wide, 1 ft. deep, course N. Ascend 50 ft. to

55.60 Descend to

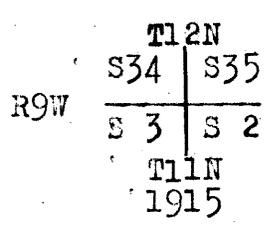
60.62 Wash, 6 lks. wide, 1 ft. deep, course NW.

Ascend 280 ft.

77.82 Top of spur, slopes N.

Descend SE. slope, 50 ft. to

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

Undergrowth, greasewood, palo verde, catclaw, mesquite and cacti.

No timber.

East, bet. secs. 2 and 35.  
Over mountainous land, through scattering brush.  
Descend SE. slope, 160 ft.

14.30 Top of spur, slopes SE., and Descend on NE. slope, 230 ft.

29.77 Wash, 140 lks. wide, course NW.

108 South boundary of Township 12 North, Range 9 West.  
Chains.

38.30 Road brs. NW. to Big Stick Mine, and SE. to Date Creek.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 35  
 S 2  
 1915

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor..

64.03 Ascend SW. slope, 433 ft.  
Top of ridge, brs. NW. and SE.  
Descend NE. slope, 233 ft. to  
78.90 Wash, 4 lks. wide, course NW.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T12N  
 S35 | S36  
 R9W ——— R8W  
 S 2 | S 1  
 T11N  
 1915

Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, with scanty loam, 3rd rate. Undergrowth, greasewood, palo verde, catclaw, mesquite and cacti. No timber.

40.00 East, bet. secs. 1 and 36.  
Over rolling land, through scattering brush:  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 36  
 S 1  
 1915

dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

69.84 Wash, 4 lks. wide, 6 ft. deep, course SW.  
78.05 Wash, 6 lks. wide, 6 ft. deep, course S.  
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 11 and 12 N., Rs. 8 and 9 W., marked on brass cap,

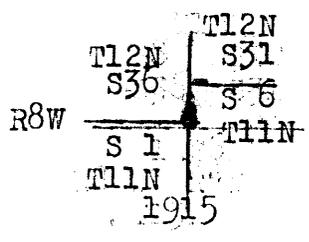
T12N  
 S36 | S31  
 R9W ——— R8W  
 S 1 | S 6  
 T11N  
 1915

dig pits 24x24x12 ins., N., E. and W. 4 ft., and S. of post 8 ft. dist., and raise a mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor. Land, rolling. Soil, rocky and sandy, 3rd rate. Undergrowth, greasewood, palo verde, Joshua trees, catclaw, mesquite and cacti. No timber.

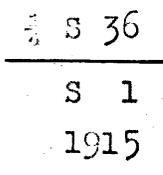
South boundary of Township 12 North, Range 8 West. 109

Chains.

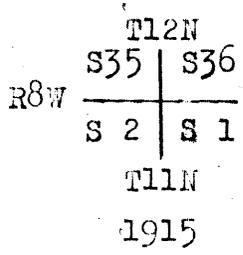
H.N.B.  
 From cor. of Ts. 11 and 12 N., Rs. 8 and 9 W. hereinbefore described,  
 East, on a blank line on S. bdy. of T. 12 N., R. 8 W., to determine location for establishment of SE. cor. of the Tp.  
 439.56 Intersect the W. bdy. of T. 11 N., R. 7 W., 10.47 chs. south of the cor. of Ts. 11 and 12 N., R. 7 W., hereinbefore described. At point of intersection,  
 Set an iron post, 3 ins. in diam., 3 ft. long, 20 ins. in the ground in a mound of stone, for cor. of Ts. 11 and 12 N., R. 8 W., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence,  
 West, on a true line, bet. secs. 1 and 36.  
 Over mountainous land, thru. scattering brush and cacti.  
 Descend 290 ft., over broken W. slope to  
 17.65 Wash, 10 lks. wide, 4 ft. deep, course NW.  
 Ascend 30 ft.  
 20.50 Top of spur, slopes N.  
 Descend 60 ft. to  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
 45.62 Wash, 40 lks. wide, 2 ft. deep, course NW.  
 Ascend 100 ft.  
 52.00 Top of spur, slopes NE.  
 Descend on NW. slope, 45 ft.  
 58.18 Wash, 4 lks. wide, 1 ft. deep, course N.  
 Ascend on NE. slope, 155 ft.  
 66.60 Top of spur, slopes N.  
 Descend 120 ft. to  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous; W. half not very rough.  
 Soil, rocky, with scanty loam, 3rd and 4th rate.  
 Undergrowth, greasewood, palo verde, catclaw, mesquite and cacti.  
 No timber.

110 South boundary of Township 12 North, Range 8 West.

- Chains.
- West bet. secs. 2 and 35.  
Over mountainous land, thru. scattering brush. Descend 40 ft.
- 2.05 Wash, 5 lks. wide, 2 ft. deep, course N.  
Ascend E. slope, 260 ft.
- 11.00 Top of ridge, brs. E. and W. Thence along top of spur, to
- 31.50 Top of spur, slopes NW.  
Descend on W. slope, 60 ft. to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, in a mound of earth and stone, 4 ft. base, 20 ins. high, post set on bed-rock, for  $\frac{1}{2}$  sec. cor., marked on brass cap,

T12N

S 3

R8W

1915

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Descend 305 ft.
- 55.25 Wash, 10 lks. wide, 3 ft. deep, course NW.  
Ascend 200 ft. on NE. slope.
- 62.90 Top of spur, slopes NW.  
Descend on W. slope, 240 ft. to
- 74.10 Foot of descent, brs. NE and SW. Road brs. NE. to Cannon's ranch, and SW. to Date Creek station.
- 77.40 Wash, 15 lks. wide, 6 ft. deep, course SW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

	T12N	
	S34	S35
R8W	S 3	S 2
	T11N	
	1915	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, mountainous.  
Soil, rocky, with scanty loam, 3rd rate.  
Undergrowth, greasewood, palo verde, catclaw, Joshua trees mesquite, and cacti.  
No timber.

- West, bet. secs. 3 and 34.  
Over mountainous land, not very rough, thru. scattering brush.
- 6.05 Wash, 8 lks. wide, 6 ft. deep, course SW.  
Ascend 70 ft.
- 21.53 Top of low spur, slopes SE. Thence along S. slope.
- 25.50 Top of low spur, slopes S.  
Descend gradually along SW. slope to
- 38.10 Top of spur, slopes NE.  
Descend NW. slope, 25 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked on brass cap,

 $\frac{1}{2}$  S 34

S 3

1915

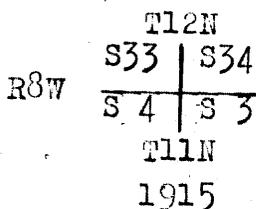
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

- Ascend 20 ft.
- 45.10 Top of spur, slopes N.  
Descend on W. slope, 170 ft. to
- 53.25 Wash, 25 lks. wide, 4 ft. deep, course SW.
- 58.50 Wash, 30 lks. wide, 3 ft. deep, course SW.  
Ascend 50 ft.

South boundary of Township 12 North, Range 8 West. 111

Chains.

- 60.65 Top of low spur, slopes S.  
Descend SW.slope, 50 ft.to
- 69.90 Wash, 25 lks.wide, 2 ft.deep, course SW.
- 73.83 A wire fence brs.NE. and SW.
- 75.70 Wash, 25 lks.wide, 3 ft. deep, course S.  
Ascend 125 ft.to
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
the ground, for cor.of secs. 3,4,33 and 34, marked on  
brass cap,

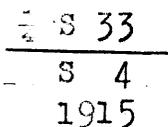


and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.

Land, mountainous.  
Soil, rocky, with scanty loam, 3rd rate.  
Undergrowth, greasewood, palo verde, Joshua trees, catclaw,  
mesquite and cacti.  
No timber.

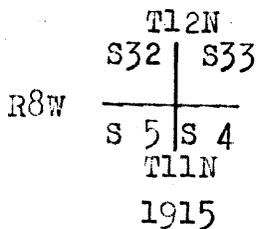
West, bet. secs.4 and 33.  
Over mountainous land, through scattering brush.  
Ascend 225 ft.

- 6.45 Top of ascent and rimrock, 10 ft.high, brs.NW. and S..  
Thence over lava mesa.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the  
ground for  $\frac{1}{2}$  sec.cor., marked on brass cap,



and dig pits 18x18x12 ins., E.and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N.of cor.

- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam.; 8 ins. in  
the ground on bed-rock, and raise a mound of stone,  
4 ft.base, 16 ins.high around post, for cor.of secs.4,5,  
32 and 33. marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.

Land, mountainous and smooth mesa.  
Soil, sandy and rocky, but a few inches deep, over a lava  
bed, 3rd rate.  
Undergrowth, greasewood, palo verde, Joshua trees, catclaw,  
mesquite and cacti.  
No timber.

H.N.B.

L.E.W.

West, bet. secs. 5 and 32.  
Over level mesa, thru scattering brush.

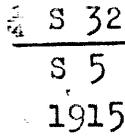
- 0.10 Leave mesa. Descend rimrock, 30 ft.high, bearing N.and S.
- 36.90 Descend over broken, rocky W.slope.  
Foot of descent, 520 ft.below mesa.

BOOK 3223

112. South boundary of Township 12 North, Range 8 West.

Chains

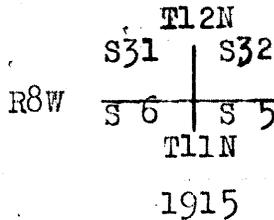
40.00 Wash, 20 lks.wide, course N.  
Ascend 30 ft. to  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high,N.of cor.

Continue over heavily rolling land.

56.50 Wash, 5 lks.wide, 6 ft. deep, course NW.  
62.40 Wash, 6 lks.wide, 6 ft. deep, course N.  
71.30 Road brs.NW.to Santa Maria river, and SE. to Date Creek station. Low ridge brs.NW. and SE.  
80.00 Set an iron post, 3 ins. in diam., 3 ft. long, 24 ins. in the ground for cor.of secs.5,6,31 and 32, marked on brass cap,



and dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor.

Land, mountainous and rolling.

Soil, in mountainous land; rocky, of no apparent value, in rolling land, sandy and rocky, 2nd rate.

Undergrowth, greasewood, palo verde, Joshua trees, catclaw and cacti.

No timber.

West, bet. secs. 6 and 31.

Over rolling land, through scattering brush.  
18.75 Wash, 6 lks.wide, 4 ft. deep, course SW.  
35.70 Wash, 5 lks.wide, 6 ft. deep, course SW.  
39.56 The cor.of Ts.11 and 12 N., Rs.8 and 9 W. hereinbefore described.

Land, heavily rolling.

Soil, sandy, 2nd rate.

Undergrowth, greasewood, Joshua trees, palo verde, and catclaw.

L.E.W.

East boundary of Township 12 North, Range 9 West. 113

Chains.

L.E.W.

From cor. of Rs. 11 and 12 N., Rs. 8 and 9 W., hereinbefore described,

North, bet. secs. 31 and 36.

Ascend gradually over S. slope, rolling land, through scattering brush.

6.00 Wash, 10 lks. wide, course SW.

31.60 Road from Date Creek station to the Santa Maria river, brs. NW. and SE. following low ridge.

Top of ascent.

Descend on N. slope.

35.60 Head of wash, 10 lks. wide, 1 ft. deep, course N. 10° W.

40.00 Set an iron post, 1 in. in diam., 3 ft. long, 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

T12N  
R9W | R8W  
S36 | S31

1915

dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

46.70 Branch of the road above noted, brs. N. 20° E. and S. 20° W.

48.20 Wash, 10 lks. wide, 1 ft. deep, course N. 20° E.

Enter heavily rolling land, bearing E. and W.

60.00 Wash, 5 lks. wide, in ravine, 20 ft. deep, course N. 20° E.

77.00 The road above noted brs. NW. and SE.

77.50 Wash, 5 lks. wide, course NW

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, marked on brass cap,

T12N  
R9W | R8W  
S25 | S30

S36 | S31

1915

dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and broken.

Soil, sandy loam, 2nd rate.

Undergrowth, palo verde, catclaw, greasewood, catclaw and cacti.

No timber.

North, bet. secs. 25 and 30.

Over broken land, through scattering brush.

Ascend 25 ft.

1.10 Top of short ridge, brs. NW. and SE. Descend 30 ft. to

14.50 Wash, 12 lks. wide, course N. 20° E.

18.10 Road, brs. N. 20° E. and S. 20° W.

Descend gradually, over heavily rolling N. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

T12N  
R9W | R8W  
S25 | S30

1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

T12N  
R9W | R8W  
S24 | S19

S25 | S30  
1915

114. East boundary of Township 12 North, Range 9 West.

Chains,

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

This cor. falls in a wash, 225 lks. wide, course NE. Land, heavily rolling.

Soil, sandy and rocky, 3rd and 4th rate.

Undergrowth, greasewood, palo verde, catclaw and Joshua trees.

No timber.

North, bet. secs. 19 and 24.

Over level wash, thru. scattering brush.

Descending gradually.

2.10 Leave wash; ascend 25 ft. on SE. slope, to

4.40 Top of ridge, brs. N. 20° E. and S. 20° W.

Descend 100 ft. on broken NW. slope, to

20.00 Foot of descent, enter bottom land. adjacent to

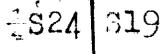
27.00 South Fork of Santa Maria River

dry channel, 3 ft. deep, 150 lks. wide, course W. Continue over bottom land.

33.90 Leave bottom land, bearing E. and W.

Ascend on S. slope, 50 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,



1915

and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Ascend over S. slope, 180 ft.

63.20 Top of ridge, brs. NE. and SW.

Descend 115 ft.

74.20 Wash, 5 lks. wide, course W.

Ascend 60 ft.

78.75 Top of spur, slopes SW.

Descend 12 ft. to

80:00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, heavily rolling, broken and level.

Soil, sandy and rocky in level bottom, 2nd rate; in heavily rolling and broken land, 4th rate.

Undergrowth, greasewood, palo verde, mesquite, catclaw, arrowweed, cacti and Joshua trees.

No timber.

North, bet. secs. 13 and 18.

Over mountainous land, through scattering brush and cacti.

Descending 25 ft.

2.80 Wash, 10 lks. wide, course S. 30° W.

Ascend 35 ft.

5.80 Top of spur, slopes S. 80° W.

Descend on N. slope, 30 ft.

13.00 Wash, 30 lks. wide, course SW.

Ascend 50 ft.

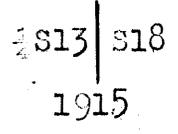
20.00 Top of spur, slopes W.

Descending 50 ft.

East boundary of Township 12 North, Range 9 West. 115.

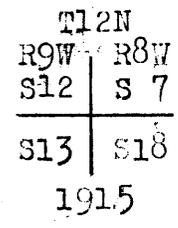
Chains.

- 30.00 Wash, 60 lks.wide, course SW.  
Ascend on S.slope, 70 ft..
- 35.65 Top of spur, slopes SW.  
Descend 25 ft. to
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{2}$  sec.cor., marked on brasscap,



and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- Ascend 25 ft.
- 45.00 Top of spur, slopes SW.
- 52.50 Top of long ridge, brs.NE. and SW.  
Descend 80 ft.to
- 64.50 Wash, 25 lks.wide, course W.
- 65.35 Road brs.E.and W.  
Ascend 35 ft.
- 75.00 Top of spur, slopes W.  
Descend 15 ft.to
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins.in  
the ground for cor.of secs. 7,12,13 and 18, marked on  
brass cap,

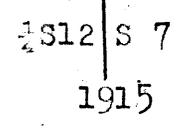


and raise a mound of stone, 3 ft.base, 2 ft.high, W. of cor.

Land, mountainous, not very rough.  
Soil, rocky, with scanty, shallow loam, 3rd rate.  
Undergrowth, palo verde, greasewood and cacti.  
No timber.

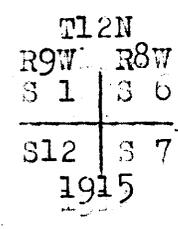
-----  
North, bet. secs. 7 and 12. -  
Over mountainous land, through scattering brush.  
Descend 5 ft.

- 0.35 Wash, 5 lks.wide, course SW.  
Ascend rocky S.slope, 240 ft.
- 17.00 Top of rocky ridge, brs. NE. and SW.  
Descend on broken NW.slope, 190 ft.to
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the  
ground for  $\frac{1}{2}$  sec.cor., marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high, W. of cor. Descend 5 ft.

- 41.00 Wash, 10 lks.wide, course N.70°W. Ascend 145 ft.
- 42.75 A trail brs.NE and SW  
Ascend 240 ft.
- 52.80 Top of rocky ridge, brs.SW. and NE.  
Continue over broken, rocky W.slope to
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
the ground for cor.of secs.1,6,7 and 12, marked on brass  
cap,



116. East boundary of Township 12 North, Range 9 West.

Chains.

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. From the corner,

A cross (x) on a granite boulder, 3x2x1½ ft. above ground, brs. N.89°E., 10 lks. dist., marked with B 0 6 beside the cross.

Land, mountainous.

Soil, rocky, 4th rate.

Undergrowth, palo verde, greasewood, catclaw and cacti.

No timber.

North, bet. secs. 1 and 6.

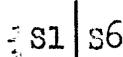
Over mountainous land, through scanty brush and cacti.

Along broken, rocky W. slope.

36.20 Wash, 10 lks. wide, course S.15° W.

Ascend 90 ft. to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,



1915

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

This cor. falls at foot of cliff, 6 ft. high, N. of cor., and 12 ft. high, W. of cor.

Ascend rocky SE. slope, 220 ft. to

53.50 Top of ridge, brs. NW. and SE.

Descend 40 ft. to

61.71 Intersect 3rd Standard Parallel North, 5.53 chs. W. of the reestablished standard ¼ sec. cor. of sec. 31, T.13 N., R.8 W., described in Book "B."

At point of intersection,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for closing cor. of Ts. 12 N., Rs. 8 and 9 W., marked on brass cap,

T13N

R9W R8W

S31

C C

S 1 S 6

R9 W R 8W

T12N

1915

and raise a mound of stone, 4 ft. base, 3 ft. high, S. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, of no apparent value.

Undergrowth, palo verde, greasewood, ocotillo, catclaw and cacti.

No timber.

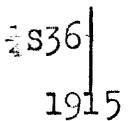
L.E.W.

Boundaries of Township 12 North, Range 9 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes,		Departures.	
			N.	S.	E.	W.
South boundary,	West,	240.00				240.00
	N.89°54'W.	238.81	.44			238.81
West boundary,	North,	461.47	461.47			
North boundary, (3rd. Std. Par. N)	S.89°59'E.	406.10		.12	406.10	
	N.89°53'E.	40.07	.07		40.07	
	East,	33.03			33.03	
East boundary,	South,	461.71		461.71		
Convergency,					.49	
Totals,			461.98	461.83	479.69	478.81
			461.83		478.81	
Error in latitude,			0.15	Error in dep. 0.88		

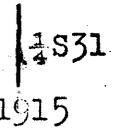
West boundary of Township 12 North, Range 7 West. 117.

Chains L.E.W.  
 From the cor. of Ts. 11 and 12 N., R. 7 W., hereinbefore described,  
 North, on west bdy. of sec. 31.  
 Over mountainous land, through scattering brush and cacti.  
 Descend on N. slope, 210 ft. to  
 7.25 Wash, 50 lks. wide, course W. Thence over rolling land,  
 across numerous small washes, course W., 6 to 10 ft.  
 deep.  
 22.70 Wash, 20 lks. wide, course SW.  
 Ascend broken SW. slope, 100 ft.  
 29.53 (40.00 chs. N. of cor. of Ts. 11 and 12 N., R. 8 W.) Set an iron  
 post 3 ft. long, 1 in. in diam., 26 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor. of sec. 36, marked on brass cap,



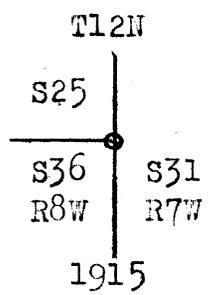
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

30.00 Top of ridge, brs. NW. and SE.  
 Descend on N. slope, 70 ft.  
 35.00 Head of ravine, course W.  
 Ascend abruptly 120 ft.  
 40.00 Top of ridge, brs. E. and W.  
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., of sec. 31, marked on brass cap,



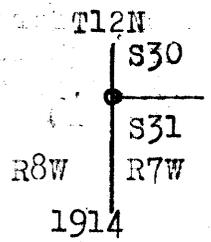
and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Descend on broken NW. slope, 100 ft.  
 51.40 Wash, 20 lks. wide, course SW.  
 Ascend 50 ft. to  
 69.53 (80.00 chs. N. of cor. of Ts. 11 and 12 N., R. 8 W.) set an  
 iron post on top of spur, slopes NW., 3 ins. in diam.,  
 3 ft. long, 24 ins. in the ground, for cor. of secs. 25,  
 and 36, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Descend broken NE. slope, 50 ft. to  
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 30 and 31, marked on brass cap,



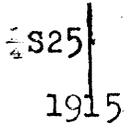
and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, mountainous.  
 Soil, sandy and rocky, 3rd and 4th rate.  
 Undergrowth, greasewood, palo verde, catclaw and cacti.  
 No timber.

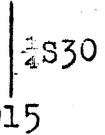
118 West boundary of Township 12 North, Range 7 West.

Chains.

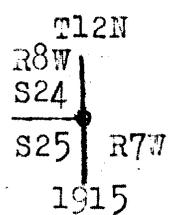
- North on W.bdy.of sec.30. Variation,  $14\frac{3}{4}^{\circ}$ E.
- Over mountainous land, through scattering brush.
- Ascend 50 ft. on S. slope to
- 2.30 Top of narrow ridge, brs.E. and W.
- 4.00 Wash, 50 ft. deep, course W.
- Ascend 50 ft.
- 10.00 Top of ridge, brs.E. and W.
- Descend 75 ft. to
- 15.10 Wash, 2 lks. wide, course W.
- Enter rolling land, north of wash.
- 25.00 Descend 50 ft. to wash.
- 29.53 (40.00 chs. N. of cor. of secs. 25 and 36), set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec. cor. of sec. 25, marked on brass cap,



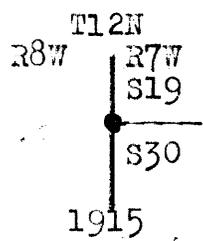
- and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 30.20 Wash, 12 lks. wide, course NW. Ascend 20 ft. over S. slope to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec. cor., of sec. 30, marked on brass cap,



- dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.
- 40.25 Top of ridge, brs. SE. and NW.
- Descend 35 ft. to
- 44.00 Wash, 10 lks. wide, course NW.
- Enter level land, covered with catclaw brush, brs. E. and W.
- 50.00 Leave level land,
- Ascend S. slope, 85 ft.
- 54.60 Top of spur, slopes NW.
- Descend 90 ft. on N. slope.
- 61.00 Wash, 10 lks. wide, course W.
- Ascend 25 ft.
- 66.50 Top of ridge, brs. NW. and SE.
- Descend 55 ft. to
- 69.53 (80.00 chs. N. of cor. of secs. 25 and 36) Enter level bottom land, bearing NE. and SW.
- Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 24 and 25, marked on brass cap,



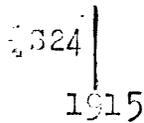
- Pits impracticable on account of cemented subsoil, and stones or bearing trees not obtainable without unreasonable difficulty; hence, no accessory to this cor. was built. Enter dense brush.
- 71.10 Center of dry channel of S. fork of Santa Maria river, 2 ft. deep, 3 chs. wide, course SW. from E. cor. sec. 24, 24 ins. in the ground for cor. of sec. 24, marked on brass cap,
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 19 and 30, marked on brass cap,



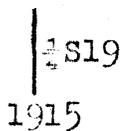
Chains.

Dig pits 24x24x12 ins., in each sec. NE. and SE. of post, 6 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, E. of cor.  
 Land, mountainous, rolling and level.  
 Soil, in mountainous and rolling lands, shallow, sandy and rocky, 4th rate; in bottom land, deep sandy loam, 2nd rate.  
 Undergrowth, greasewood, palo verde, catclaw, cacti, mesquite about 15 ft. high, and arrowweed.  
 No timber.

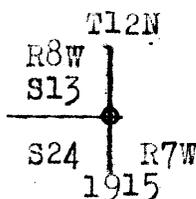
7.50 North, on W. bdy. of sec. 19.  
 Over level bottom land, thru. dense brush.  
 Leave bottom land and dense brush, bearing NE. and SW.; enter scattering brush.  
 29.53 Ascend 10 ft. to mesa, same bearing. Continue to ascend gradually on S. slope of mesa.  
 (40.00 chs. N. of cor. of secs. 24 and 25) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., of sec. 24, marked on brass cap,



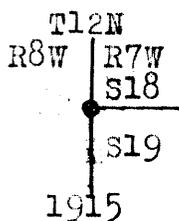
and raise a mound of stone, 3 ft. long, 2 ft. high, W. of cor.  
 40.00 Ascend gradually on SE. slope, 20 ft. to  
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. of sec. 19, marked on brass cap,



and raise a mound, 2 ft. base, 1 1/2 ft. high, E. of cor.  
 69.53 Ascend gradually 40 ft. to  
 (80.00 chs. N. of cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13 and 24, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 18 and 19, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
 Land, level and rolling.  
 Soil, sandy loam and gravelly, 2nd rate in level bottom land; rocky with scanty loam, 3rd rate in rolling land.  
 Undergrowth, mesquite, catclaw, and arrowweed in level land; scattering palo verde and greasewood in rolling land.  
 No timber.

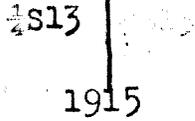
120. West boundary of Township 12 North, Range 7 West.

Chains

North, on W.bdy.of sec.18.  
Ascend gradually, over mountainous land, through scattering brush.

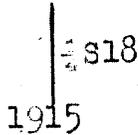
- 11.10 Head of wash, 5 lks.wide, course SE.
- 18.75 Ascend steep, rocky S.slope, 215 ft. to Top of spur, slopes SE.

- 28.00 Descend 40 ft.to Wash, 10 lks.wide, in rocky gulch, course S.20°E. Ascend.
- 29.53 (40.00 chs.N.of cor.of secs.13 and 24) set an iron post, 3 ft.long, 1 in. in diam., 16 ins. in the ground, and raise a mound of stone, 3 ft.base, 12 ins.high around post, for  $\frac{1}{4}$  sec.cor. of sec.13, marked on brass cap,



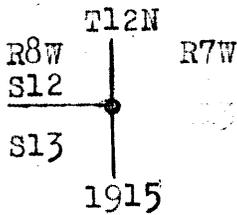
and raise a mound of stone, 3 ft.base, 2 ft. high,W.of cor.

- 40.00 140 ft. above last wash, Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., of sec.18, marked on brass cap,



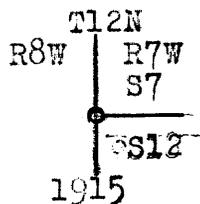
and raise a mound of stone, 3 ft.base, 2 ft. high,E. of cor.

- 45.00 Ascend, 55 ft.to Top of spur, slopes S.5°E.
- 51.20 Descend 85 ft.over NE.slope. Wash, 5 lks.wide, course E.
- 56.00 Ascend 65 ft. Top of ascent. Thence over broken E.slope, ascending gradually.
- 69.53 (80.00 chs.N.of cor.of secs.13 and 24) set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for cor.of secs.12 and 13, marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high,W.of cor.

- 80.00 Set an iron post, 3 ft.long, 3 ins.in diam., 24 ins. in the ground for cor.of secs.7 and 12, marked on brass cap,



and raise a mound of stone, 3 ft.base, 2 ft.high,E.of cor.

Land, mountainous.  
Soil, rocky, 3rd and 4th rate.  
Undergrowth, greasewood, palo verde, catclaw and cacti.  
No timber.

West boundary of Township 12 North, Range 7 West. 121

Chains

North, on W. bdy. of sec. 7.  
Over mountainous land, through scattering brush.  
Ascend 25 ft.

4.00 Top of spur, slopes SE. Descend over E. slope.

17.30 Wash, 20 lks. wide, 40 ft. deep, course E. for 4.00 chs.;  
thence SE.

29.53 (40.00 chs. N. of cor. of secs. 12 and 13) Set an iron post  
3 ft. long, 1 in. in diam., 24 ins. in the ground on  
bed-rock for  $\frac{1}{4}$  sec. cor., of sec. 12, marked on brass  
cap,

and raise a mound of stone 4 ft. base, 2 ft. high, W. of  
cor.

Ascend 135 ft., over S. slope.

34.20 Top of spur, slopes E.

Descend 40 ft. to

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor. of sec. 7, marked on brass cap,

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of  
cor.

Ascend gradually on E. slope.

56.10 Wash, 5 lks. wide, 10 ft. deep, course S. 15° E.

69.53 (80.00 chs. N. of cor. of secs. 12 & 13.) Set an iron post, 3 ft.  
long, 3 ins. in diam., 26 ins. in the ground for cor. of  
secs. 1 and 12, marked on brass cap,

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of  
cor.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the  
ground, for cor. of secs. 6 and 7, marked on brass cap,

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of  
cor.

From the corner,  
A cross (x) on a granite boulder, 2x3x3 ft. above  
ground, brs. S. 73° E., 23 lks. dist., with B O  
7 marked beside the cross.

Land, mountainous.  
Soil, rocky, 4th rate.  
Undergrowth, scattering greasewood, palo verde, eatclaw and  
cacti.  
No timber.

North, on west bdy. of sec. 6.  
Over mountainous land, through scattering brush.

8.00 Wash, 10 ft. deep, 5 lks. wide, course SE.

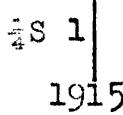
11.50 Ascend 200 ft., over rocky SE. slope.

29.53 (40.00 chs. N. of cor. of secs. 1 and 12.) set an iron post

122. West boundary of Township 12 North, Range 7 West.

Chains.

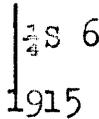
3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 1, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

29.90 Top of spur, slopes S. 85° E. Descend over rocky, broken E. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., of sec. 6, marked on brass cap,

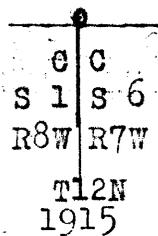


and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

45.10 Wash, 2 lks. wide, in ravine, 3 ft. deep, course SE. Ascend 175 ft. on S. slope, to

50.95 Intersect 3rd. Standard Parallel North, 6.87 chs. west of the original standard cor. of Ts. 13 N., Rs. 7 and 8 W., which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. At point of intersection, Set an iron post, 3 ins. diam., 3 ft. long, 24 ins. in the ground for closing cor. of Ts. 12 N., Rs. 7 and 8 W., marked on brass cap,

T13N



and raise a mound of stone, 4 ft. base, 2 ft. high, S. of cor.

Land, mountainous.

Soil, rocky, decomposed granite, 4th rate.

Undergrowth, scattering greasewood, palo verde, catclaw and cacti.

No timber.

Boundaries of Township 12 North, Range 8 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearings	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	439.56				439.56
West boundary,	North,	461.71	461.71			
North boundary (3rd. Std. Par. N.)	East,	438.66			438.66	
East boundary,	South,	461.40		461.40		
Convergency,					.49	
	Totals,	461.71	461.40	439.15	439.56	
		461.40			439.15	
	Error in latitude,	0.31				
	Error in departure,				0.41	



124. East boundary of Township 12 North, Range 7 West.

Chains.

Undergrowth, scattering greasewood, catclaw and mesquite, cacti; where the undergrowth is medium, dense mesquite, averaging about 12 ft. high, prevails.  
No timber.

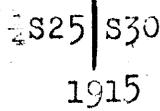
-----  
North, bet. secs. 25 and 30.

Over level bottom, through scattering brush, within Kouis Schmitt's fenced inclosure.

37.40 Wash, 2 ft. deep, 100 lks. wide, course S. 80° W. A strip of medium dense mesquite brush, about 100 lks. wide, fringes each bank of this wash.

39.80 Fence brs: N. 80° E. and S. 80° W. Leave inclosure.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

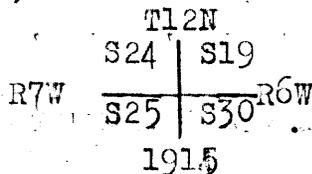


Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

60.15 Road from Hillside to Date Creek brs. N. 10° W. and S. 10° E.

72.00 Enter medium dense mesquite brush, bearing NW. and SE.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, sandy loam, 1st and 2nd rate.

Undergrowth, mesquite from 6 to 12 ft. high, greasewood and cacti.

No timber.

-----  
North, bet. secs. 19 and 24.

Over rolling land, thru. medium dense brush.

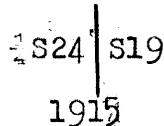
0.70 Wash, 25 lks. wide, 2 ft. deep, course SE.

18.00 Leave medium dense, enter scattering brush, bearing E. and W.

24.00 Leave gently rolling land, and ascend on SE. slope, over rocky land, bearing NE. and SW.

28.00 Pass along E. side of a rocky knoll, 20 ft. high, 3 chs. in diam.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

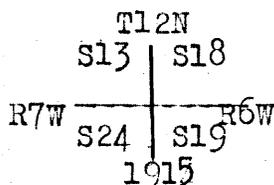


Dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Ascend gentle SE. slope.

62.50 Bend in wash, 10 lks. wide, course S. 20° E. from N. 10° E.

80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



East boundary of Township 12 North, Range 7 West. 125

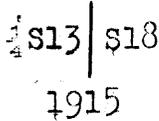
Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.  
Soil, sandy loam and rocky; 2nd and 4th rate.  
Undergrowth, mesquite, greasewood and cacti.  
No timber.

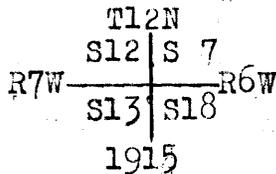
North, bet. secs. 13 and 18.  
Over rolling land, through very scattering brush. Ascending gradually.

- 12.50 Head of a wash, course S. 8° E.
- Ascend 235 ft. on S. slope.
- 32.70 Top of ascent, hrs. NW. and E.
- Descend 15 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

- 68.00 Thence along broken and rocky E. slope to
- Descend 190 ft., over N. slope.
- 79.75 Wash, 2 ft. deep, 20 lks. wide, course S. 60° E.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

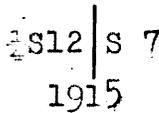


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous.  
Soil, rocky, of no apparent value.  
Undergrowth, scattering greasewood and cacti.  
No timber.

North, bet. secs. 7 and 12.  
Over mountainous land, thru. scattering brush.  
Ascend 230 ft. on rocky S. slope.

- 16.50 Top of ascent, hrs. E. and W.
- Descend 60 ft.
- 20.00 Foot of descent, hrs. E. and W. Enter rocky mesa land, same bearing.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

- 69.80 Road from Hillside to Date Creek, hrs. NE. and SW.
- 70.50 Leave mesa, bearing NE. and SW.
- Ascend over SE. slope, 40 ft.
- 75.00 Top of short spur, slopes SE.
- Descend 20 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

126 East boundary of Township 12 North, Range 7 West.

Chains.

	T12N		
	S 1	S 6	
R7W			R6W
	S 12	S 7	
	1915		

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous and rolling mesa.

Soil, rocky, with very scanty loam of no apparent value.

Undergrowth, scattering greasewood, catclaw and cacti.

No timber.

North, bet. secs. 1 and 6.

Over broken land, through scattering brush.

Ascend 65 ft. on SE. slope.

7.00 Short spur, slopes E.

Descend over rocky E. slope, 80 ft.

27.00 Top of low, short ridge, brs. E. and W. Descend.

38.70 Wash, 50 fks. wide, course S. 20° E., from NW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., marked on brass cap,

	S 1	S 6	
	1915		

and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Ascend gradually on rocky SW. slope,

51.02 Intersect 3rd Standard Parallel North, 2.48 chs. E. of the original standard cor. of Ts. 13 N., Rs. 6 and 7 W., which is an iron post, 3 ins. diam., 12 ins. above ground, marked and witnessed as described by the surveyor general.

At point of intersection, I set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for closing cor. of Ts. 12 N., Rs. 6 and 7 W., marked on brass cap,

	T13N		
	R7W	R6W	
	S 36	S 31	
	C	C	
	S 1	S 6	
	R7W	R6W	
	T12N		
	1915		

and raise a mound of stone, 4 ft. base, 3 ft. high, S. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

Undergrowth, scattering greasewood, catclaw and cacti.

No timber.

L.E.W.

Boundaries of Township 12 North, Range 7 West.  
 Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	486.04				486.04
West boundary,	North,	450.93	450.93			
North boundary (3rd. Std. Par. N.)	East,	486.00			486.00	
East boundary,	South,	451.02		451.02		
Convergency,					.50	
Totals,			450.93	451.02	486.40	486.04
Error in latitude,				450.93	486.04	
Error in departure,				0.09		0.46

Chains.

L.E.W.

April 24, 1915. At my camp, near the center of sec. 9, T. 10 N., R. 12 W. at latitude 34° 13' N.; long. 113° 30' W. from Greenwich, at 7h. 5m. a.m., l.m.t., by my watch, which shows approximately the true l.m.t., as shown below, I observe Polaris, and note that Artillery Peak bears left 21° 40', about 8 miles dist.

U.C. Polaris, Apr. 24, 1915, long. of Greenwich, 11h. 22.4m.

For this long, subtract,	1.3
True l.m.t. of Polaris this long.	11 21.1
True l.m.t. of observation,	7 5.0
Difference for time argument,	4 16.1

which by table, page 14 of Ephemeris gives the azimuth of Polaris at the time of observation, 1° 15' E. of N.; hence the true bearing of Artillery Peak is N. 21° 55' W.

At 9h. a.m., l.m.t., I set off 12° 40' N. on the decl. arc; 34° 13' on the lat. arc, and determine a meridian with the solars of both instruments.

Transit No. 8541 shows the bearing of Artillery Peak to be N. 21° 55' W. & No. 7084 shows the bearing to be N. 21° 56' W.

At apparent noon, I observe the exact time of the sun's passage of the true meridian thus determined, and note that my watch is 2m. 0 secs. faster than the sun.

At 3hrs. p.m., l.m.t., I set off 13° 45' N. on the decl. arc; 34° 13' on the lat. arc, and determine a meridian with the solars.

Transit No. 8541 shows the bearing of Artillery Peak to be N. 21° 55' W. and No. 7084 shows it to be N. 21° 55' W.

Both of the transits showing meridians, differing not more than 1' from the true meridian, at both a.m. and p.m. observations, I conclude that they are in satisfactory adjustment.

L.E.W.

J.G.C.

From true point for cor. of Ts. 9 and 10 N., Rs. 12 and 13 W., on 3rd. Guide Meridian West, witnessed by iron post, 1.60 chs. S., as described in Book "B,"

West, on a random line on S. bdy. of T. 10 N., R. 13 W., setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs., and at 481.85 chs. fall 39 lks. N. of the original cor. of Ts. 9 and 10 N., Rs. 13 and 14 W., which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set with brass cap, marked and witnessed, as described by the surveyor general.

True course and length of this Tp. bdy. is therefore N. 89° 57' E., 481.85 chs.

From original cor. of Ts. 9 and 10 N., Rs. 13 and 14 W., described above,

N. 89° 57' E., bet. secs. 6 and 31.

Over mountainous land, through scattering brush.

Ascend 100 ft.

55.25 Top of a spur, slopes SW.

Descend 132 ft.

11.85 Enter wash, 6 ft. deep, 25 lks. wide, course SW. from E.

22.90 Leave same, course W. from NE.

Ascend 160 ft.

38.00 Top of spur, slopes SE.

Descend SE. slope, 70 ft. to

41.85 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, in mound of earth and stone, 2 ft. base, 8 ins. high, for 1/2 sec. cor., marked on brass cap,

1/4 S 31

S 6

1915

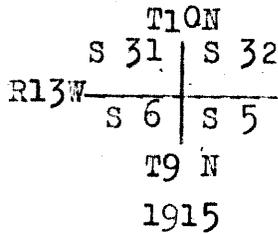
and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Ascend 40 ft.

South boundary of Township 10 North, Range 13 West, 129

Chains

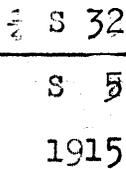
- 44.00 Top of spur, slopes S. Descend 20 ft.
- 48.65 Wash, 15 lks. wide, course SW.  
Ascend 215 ft.
- 62.20 Top of ridge, brs. NE. and SW.  
Descend 110 ft. to
- 81.85 Set an iron post 3 ft. long, 3 ins. in diam., 6 ins. in the ground, in a mound of stone and earth, 3 ft. base, 18 ins. high, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

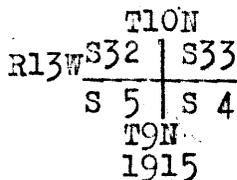
Land, mountainous.  
Soil, sandy and rocky, 4th rate.  
Undergrowth, greasewood, palo verde, catclaw and cacti.  
No timber.

- N. 89° 57' E., bet. secs. 5 and 32.  
Over mountainous land, through scattering brush and cacti.  
Descend 100 ft.
- 5.00 Wash, 30 lks. wide, course NW.  
Ascend 175 ft.
- 17.00 Top of spur, slopes NW.  
Descend 80 ft.
- 20.80 Wash, 10 lks. wide, course N.  
Ascend W. slope, 135 ft.
- 27.00 Top of spur, slopes NW.  
Descend 100 ft.
- 35.00 Wash, 25 lks. wide, course NW.  
Ascend 110 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground on bedrock, in mound of earth and stone, 18 ins. high, 3 ft. base, for sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 ft. high, N. of cor.

- Ascend 220 ft. over NW. slope.
- 73.95 Top of spur, slopes NW.  
Descend 100 ft. to
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 14 ins. in the ground on bedrock, in a mound of earth and stone, 2 ft. base, 12 ins. high, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, loose, coarse decomposed granite, shallow, 4th rate.  
Undergrowth, greasewood, palo verde, catclaw and cacti.  
No timber.

130 South boundary of Township 10 North, Range 13 West.

Chains

- N.89°57'E., bet. secs. 4 and 33.  
Over mountainous land, through scattering brush.  
Ascend 40 ft.
- 3.00 Top of ridge, brs. NE and SW.  
Descend 60 ft., over SE slope.
- 9.50 Foot of descent, draw, drains SW.  
Ascend 150 ft.
- 26.80 Top of spur, slopes SW.  
Descend 80 ft.
- 30.50 Wash, 100 lks. wide, 15 ft. deep, course SW.  
Ascend 40 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground on bedrock, in a mound of stone and earth, 3 ft. base, 12 ins. high, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\frac{1}{4} S 33$$

$$S 4$$

$$1915$$

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- Ascend 400 ft. on NW slope.
- 75.00 Top of spur, slopes SW. Descend, along NE slope.
- 79.00 Wash, 20 lks. wide, 6 ft. deep, course NW.  
Ascend 25 ft. to
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

	T10N		
	S33	S34	
R13W	S 4	S 3	
	T 9N		
	1915		

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, coarse sandy and rocky, 4th rate.  
Undergrowth, scattering greasewood, palo verde and cacti.  
No timber.

- N.89° 57' E., bet. secs. 3 and 34.  
Over mountainous land, through scattering brush.  
Ascend 480 ft. over irregular W. slope.
- 16.60 Top of ridge, brs. N. and S.  
Descend 240 ft.
- 28.40 Wash, 20 lks. wide, 6 ft. deep, course N.  
Ascend 70 ft.
- 31.00 Top of spur, slopes N.  
Descend 75 ft.
- 35.10 Wash, 10 lks. wide, course NW.  
Ascend 40 ft.
- 36.65 Top of spur, slopes NW.  
Descend 40 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground on bedrock, in a mound of stone and earth, 3 ft. base, 15 ins. high, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\frac{1}{4} S 34$$

$$S 3$$

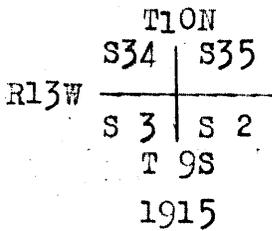
$$1915$$

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Descend 10 ft. over NE slope.

South boundary of Township 10 North, Range 13 West. 131

- Chains
- 40.50 Wash, 25 lks.wide, course NW.  
Ascend 160 ft.
- 46.00 Top of spur, slopes NW.  
Descend 25 ft. on E.slope.
- 52.30 Wash, 10 lks.wide, 5 ft.deep, course NW.  
Ascend 300 ft. over SW.slope.
- 61.30 Top of spur, slopes N.  
Descend 130 ft.
- 74.85 Wash, 10 lks.wide, course N.  
Ascend 135 ft. to
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
the ground for cor.of secs.2,3,34 and 35, marked on  
brass cap,

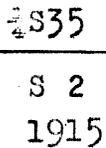


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, sandy, coarse and rocky, 4th rate.  
Undergrowth, greasewood, palo verde, catclaw and cacti.  
No timber.

J.G.C.

- L.E.W.
- N.89°57'E., bet. secs.2 and 35.
- Over mountainous land, through scattering brush.
- Ascend 12 ft.
- 1.40 Top of ridge, hrs.NE. and SW.  
Descend 180 ft., over SE. slope.
- 11.85 Wash, 10 lks.wide, course SE.  
Ascend 85 ft. on SW.slope.
- 17.40 Top of spur, slopes SE. Descend 150 ft. on SE.slope.
- 22.15 Wash, 15 lks.wide, course SE. Ascend 65 ft.
- 27.00 Top of spur, slopes SE.  
Descend 115 ft.
- 33.25 Wash, 10 lks.wide, course S.  
Ascend 112 ft. to
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground for 1/2 sec.cor., marked on brass cap,

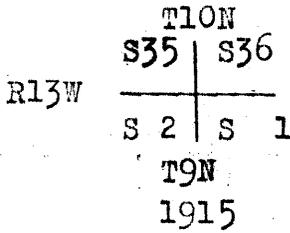


and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
Ascend 125 ft. on SW. slope.

- 44.40 Top of spur, slopes S.  
Descend 50 ft.
- 49.20 Wash, 5 lks.wide, course S.  
Ascend 160 ft. over SW. slope.
- 55.00 Top of spur, slopes S.  
Descend 120 ft.
- 65.90 Wash, 6 lks.wide, course SE.  
Ascend 35 ft.
- 69.60 Top of spur, slopes S. 75°W.  
Descend 225 ft., over SE.slope to
- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
the ground for cor.of secs.1,2,35 and 36, marked on  
brass cap,

132. South boundary of Township 10 North, Range 13 West.

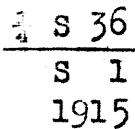
Chains.



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
Soil, coarse sand, decomposed granite, rocky, 4th rate.  
Undergrowth, scattering greasewood, palo verde and cacti.  
No timber.

- N. 89° 57' E., bet. secs. 1 and 36.
- Over mountainous land, through scattering brush.
- Descend 200 ft. over broken SE. slope.
- 17.75 Wash, 30 lks. wide, course SE.
- Ascend 200 ft. over SW. slope.
- 26.00 Top of spur, slopes S.
- Descend 100 ft.
- 29.10 Wash, 6 lks. wide, course S.
- Ascend 140 ft. over SW. slope.
- 34.40 Top of ridge, brs. N. and S.
- Descend 125 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

- 80.00 Descend 460 ft. over irregular E. slope.
- The cor. of Ts. 9 and 10 N., Rs. 12 and 13 W.
- Land, mountainous.
- Soil, rocky and coarse sand, 4th rate.
- Undergrowth, greasewood, palo verde and cacti.
- No timber.

L.E.W.

North boundary of Township 10 North, Range 13 West. 133

Chains.

H.P.  
 From reestablished cor. of Ts. 10 and 11 N., R. 13 W. on 3rd Guide Meridian West, described in Book "B," West, on random line on N. bdy. of T. 10 N., R. 13 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs., and at 481.85 chs. fall 84 lks. N. of original cor. of Ts. 10 and 11 N., Rs. 13 and 14 W., a 3 in. iron post, firmly set, with brass cap, marked and witnessed as described by the Surveyor General.

True course and length of N. bdy. of T. 10 N., R. 13 W. is therefore N. 89° 54' E., 481.85 chs.

From original cor. of Ts. 10 and 11 N., Rs. 13 and 14 W., N. 89° 54' E., bet. secs. 6 and 31.

Ascending and descending along N. slope of ridge, bearing E. and W., through scattering brush.

- 30.12 Top of ridge, brs. E. and W., 60 ft. above Tp. cor. Thence along top of ridge.
- 30.92 Leave top of ridge; descend 35 ft., over rolling and broken S. slope of ridge to
- 41.85 Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in ground, supported by a mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 31  
 $\frac{1}{4}$   
 S 6  
 1917

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Ascend 280 ft., over rolling and broken S. and SW. slope of ridge.

- 61.37 Top of ridge, bears nearly E. and W. Descend 300 ft. over rolling and broken NE. and N. slope of ridge.

81.50 Wash, 20 lks. wide, course NE, ascend.

- 81.85 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T11N R13W  
 S31 | S32  
 ---  
 S 6 | S 5  
 T10N  
 1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, ocotillo, greasewood and cactus, 4 to 8 ft. high.

N. 89° 54' E. bet. secs. 5 and 32.

Ascend 85 ft., over N. slope of ridge.

- 3.37 Top of ridge, brs. SW. and NE. Descend 120 ft. over SE. slope of ridge to

16.50 Wash, 20 lks. wide, course S. Ascend 80 ft.

20.00 Top of spur, slopes S. Descend 235 ft., over SE. slope.

31.30 Bend in wash from NW. to E.

Thence descend 50 ft. along N. side of the wash to

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, supported by a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

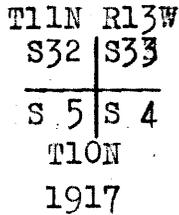
S 32  
 $\frac{1}{4}$   
 S 5  
 1917

134 North boundary of Township 10 North, Range 13 West.

Chains.

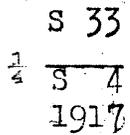
and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 43.23 Leave wash, course SE. Ascend 20 ft. over SW. slope.
- 52.77 Top of spur, slopes SE. Descend 92 ft.
- 64.00 Wash, 20 lks. wide, course SE. Ascend 35 ft.
- 75.10 Top of spur, slopes SE. Descend 188 ft.
- 80.00 Wash, 30 lks. wide, course S E. Ascend.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 10 ins. in the ground, supported by a mound of stone for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

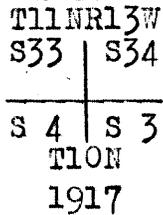


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, scattering palo verde, greasewood and cactus 4 to 6 ft. high.

- N. 89° 54' E., bet. secs. 4 and 33.
- Over mountainous land. Ascends slightly.
- 0.23 Top of spur, slopes SE. Descend 135 ft., over rolling E. slope.
- 19.46 Wash, 20 lks. wide, course SE. Ascend 40 ft.
- 22.36 Top of ascent. Descend 105 ft.
- 27.00 Wash, 70 lks. wide, course S. Ascend 155 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., supported by a mound of stone for  $\frac{1}{2}$  sec. cor., marked on brass cap,



- 40.74 and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
- 40.74 Top of spur, slopes S. Descend 90 ft.
- 47.20 Wash, 30 lks. wide, course S. Ascend 30 ft.
- 53.48 Top of spur, slopes SW. Descend 190 ft., over broken SE. slope.
- 79.20 Wash, 30 lks. wide at bend in same from SW. to E., continue descent.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 ins. post available) supported by a mound of stone for cor. of secs. 3, 4, 33 and 34, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor. Impracticable to raise mound on the west.  
 Land, mountainous.  
 Soil, rocky, 4th rate,  
 No timber.  
 Undergrowth, mesquite, palo verde and greasewood, 4 to 6 ft. high.

North boundary of Township 10 North, Range 13 West. 135

- Chains.
- N. 89° 54' E., bet. secs. 3 and 34.
  - Over rolling land, through scattering brush. Descend 22 ft. along N. side of wash.
  - 3.20 Wash, 40 lks. wide, course NE. from W. and SW. Ascend 50 ft.
  - 11.00 Top of ascent on rolling E. slope. Descend 120 ft. to
  - 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 34  
 1  
 —  
 S 3  
 1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- Dim road bearing nearly E. and W. visible at this cor., but is lost a short distance in each direction from the cor.
- Descend 40 ft., over gradual E. slope to
- 75.80 West edge of Bill Williams river overflow land. Thence over nearly level bottom land.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T11N R13W  
 S34 | S35  
 ———  
 S3 | S2  
 T10N  
 1917

from which,

- A mesquite 8 ins. in diam., brs. N. 20° W., 337 lks. dist., marked T 11 N R13W S 34 BT.
- A mesquite, 10 ins. in diam., brs. S. 49 $\frac{1}{4}$ ° E., 217 lks. dist., marked T 10 N R13W S2 B T.
- A mesquite, 6 ins. in diam., brs. S. 52° W., 96 lks. dist., marked T10N R13W S 3BT.

No bearing tree available NE. of cor.  
 Dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, gravelly and rocky, 3rd and 4th rate.  
 No timber.  
 Undergrowth, scattering mesquite, palo verde and greasewood, 4 to 6 ft. high.

- N 89° 54' E., bet. secs. 2 and 35.
- Over nearly level bottom of Bill Williams river, subject to overflow, through scattering brush.
- 2.04 Board fence on W. side of corral; thence through corral.
- 3.24 Board fence on E. side of corral; leave corral.
- 4.04 West bank of Bill Williams river, brs. NE. and SW.
- 5.66 Wash enters the river from the NW.
- 17.06 Center of water channel of Bill Williams river, course SW. Water 100 lks. wide.
- 35.74 East bank of Bill Williams river, brs. N. and S. Thence over bottom land, subject to overflow.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 35  
 1  
 —  
 S 2  
 1917

dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

136 North boundary of Township 10 North, Range 13 West.

Chains.  
 Ascend 98 ft.  
 40.29 Road brs. NE. and SW.  
 40.69 Road brs. N. 20° E. and S. 20° W. (align road)  
 48.87 Top of ascent, brs. NW and SE. Descend 45 ft.  
 51.52 Wash, 40 lks. wide, course NW. Ascend 80 ft.  
 56.00 Wash, 40 lks. wide, course NW.  
 63.74 Top of ascent, brs. NW and SE. Descend 44 ft.  
 67.70 Wash, 30 lks. wide, course N. Ascend 70 ft. to  
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T11N R13W  
 S35 | S36  
 ---  
 S 2 | S 1  
 T10N  
 1917

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.  
 Soil, sandy, gravelly and rocky, 3rd and 4th rate.  
 No timber.  
 Undergrowth, mesquite, cottonwood and arrowweed.

N. 89° 54' E., bet. secs. 1 and 36.  
 Over rolling land, through scattering brush.  
 12.60 Wash, 50 lks. wide, course NW.  
 25.22 Wash, 40 lks. wide, course N. Ascend 61 ft.  
 33.75 Top of ascent. Descend 40 ft. to  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 36  
 ---  
 S 1  
 1917

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.76 Wash, 90 lks. wide, course N. 10° W.  
 52.30 Wash, 20 lks. wide, course N.  
 76.80 Wash, 20 lks. wide, course N.  
 80.00 Intersect the reestablished cor. of Ts. 10 and 11 N., R. 13 W. on 3rd Guide Meridian West, described in Book "B."  
 Land, rolling.  
 Soil, sandy, gravelly and rocky, 3rd and 4th rate.  
 No timber.  
 Undergrowth, scattering palo verde, cactus and greasewood, 4 and 6 ft. high.

H.P.

Boundaries of Township 10 North, Range 13 West.  
 Latitudes, Departures, and Closing Errors.

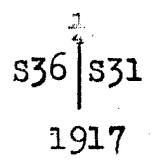
Line designated.	True bearing	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	S. 89° 57' W.	481.85		.42		481.85
West boundary,	North,	480.00	480.00			
North boundary,	N. 89° 54' E.	481.85	.84		481.85	
East boundary, (3rd. Guide Mer. W)	S. 0° 1' E.	480.00		480.00	.15	
Convergency,					.49	
Totals,			480.84	480.42	482.34	481.85
			480.42		481.85	
Error in latitude,			.42			
Error in departure,					.49	

West boundary of Township 11 North, Range 13 West. 137

Chains H.P.

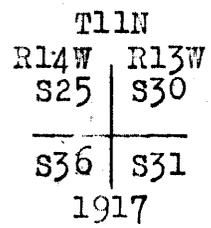
From original cor. of Ts. 10 and 11 N., Rs. 13 and 14 W., a 3 in. iron post, firmly set, with brass cap, marked and witnessed as described by the surveyor general, North, on random line on W. bdy. of T. 11 N., R. 13 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40 chs., and at 481.35 chs. fall 171 lks. W. of cor. of Ts. 11 and 12 N., Rs. 13 and 14 W., a 3 in. iron post firmly set, with brass cap, properly marked and witnessed by mound of stone, S. of cor. This cor. was established under Group No. 48. The true course and length of the W. bdy. of T. 11 N., R. 13 W., resulting from above noted falling is therefore N. 0° 12' E., 481.35 chs.

From original cor. of Ts. 10 and 11 N., Rs. 13 and 14 W., N. 0° 12' E., bet. secs. 31 and 36. Over rolling land, thru. scattering brush. 26.70 Wash, 20 lks. wide, course NW. 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in ground, supported by a mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

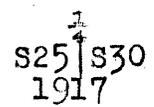
58.00 Leave rolling land. Enter mountainous land. Ascend 75 ft. 63.12 Top of ridge, brs. W. and NE, Descend 94 ft. 79.49 Wash, 15 lks. wide, course NE. 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., (no 3 ins. post available) 12 ins. in the ground, supported by a mound of stone for cor. of secs. 25, 30, 31 and 36, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering palo verde, greasewood and cactus, 6 to 8 ft. high.

N. 0° 12' E., bet. secs. 25 and 30. Over mountainous land, through scattering brush. Ascend 90 ft.

7.04 Top of spur, slopes NE. Descend 120 ft. to 22.80 Foot of NW. slope of spur. thence over rolling land. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, supported by a mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Ascend 60 ft. over rolling land.

59.16 Top of ascent. Descend 25 ft. 66.30 Wash, 20 lks. wide, course SE. Ascend 46 ft. 73.70 Top of ascent. Descend 35 ft. to 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. iron post available) 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

138 West boundary of Township 11 North, Range 13 West.

Chains.

T11N	
R14W	R13W
S24	S19

S25	S30
-----	-----

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, cactus, greasewood, 4 to 6 ft. high.

N.0° 12' E., bet. secs. 19 and 24.

Over rolling land, through scattering brush. Descend 41 ft.

- 3.60 Road brs. E. and W.  
 22.90 Wash, 20 lks. wide, course E.  
 28.55 Wash, 40 lks. wide, course E.  
 35.80 Wash, 20 lks. wide, course E. Ascend gradually.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S24	S19
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1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Ascend 75 ft.

- 49.87 Top of ascent. Descend 55 ft. to  
 59.50 Wash, 30 lks. wide, course SE.  
 69.50 Wash, 50 lks. wide, course SE. Ascend 45 ft. to  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 2 ins. in the ground, supported by a mound of stone, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,

T11N	
R14W	R13W
S13	S18

S24	S19
-----	-----

1917

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, greasewood, and cactus, 4 to 6 ft. high.

N.0° 12' E., bet. secs. 13 and 18.

Over rolling land, through scattering brush. Descend 30 ft. to

- 6.20 Wash, 25 lks. wide, course SE.  
 19.00 Leave rolling land. Enter mountainous land. Ascend 160 ft. over S. slope, to  
 40.00 Top of ridge, brs. E. and W. Set an iron post 3 ft. long, 1 in. in diam., supported by mound of stone for  $\frac{1}{4}$  sec. cor., marked on brass cap,

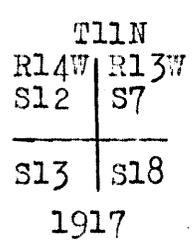
S13	S18
-----	-----

1917

West boundary of Township 11 North, Range 13 West. 139

Chains.

- and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Descend 120 ft. to
- 46.60 Wash, 20 lks. wide, course E. Ascend 209 ft., over broken S. slope, to
- 58.04 Top of ridge, brs. E. and W. Descend 304 ft. over N. slope.
- 75.30 Road brs. E. and W.
- 78.88 Wash, 40 lks. wide, course E. Ascend.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available) 20 ins. in the ground, supported by a mound of stone for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

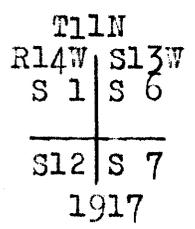


and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling and mountainous.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, palo verde, greasewood and cactus, 4 to 6 ft.

- N. 0° 12' E., bet. secs. 7 and 12.
- Over rolling land, through scattering brush. Descend.
- 10.25 Road brs. NW. and SE.
- 12.40 Wash, 110 lks. wide, course SE.
- 18.70 Road brs. NW. and SE.
- 30.10 Wash, 30 lks. wide, course SE. Ascend 131 ft. over SW. slope.
- 39.50 Top of spur, slopes SE. Descend.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., supported by a mound of stone, for sec. cor., marked on brass cap,



- and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
- Descend 75 ft. to
- 49.50 Wash, 30 lks. wide, course E. Thence over rolling E. slope.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., (no 3 in. post available), 10 ins. in the ground, supported by a mound of stone for cor. of secs. 1, 6, 7, and 12, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, palo verde, greasewood and cactus, 4 to 6 ft. high.

- N. 0° 12' E., bet. secs. 1 and 6.
- Over rolling land, through scattering brush. Ascend 15 ft.
- 1.10 Top of ascent. Descend 76 ft. to
- 15.40 Wash, 30 lks. wide, course E.
- 24.00 Wash, 20 lks. wide, course E. Ascend 40 ft.

140 West boundary of Township 11 North, Range 13 West.

Chains.

30.50 Top of ascent; descend 20 ft. to  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$   
S 1 | S 6  
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Descend 75 ft. to  
62.20 Junction of two washes from W. and NW., course SE, Ascend 70 ft. to

81.35 Intersect the cor. of Ts. 11 and 12 N., Rs. 13 and 14 W., a 3 in. iron post with brass cap, established under Group No. 48.

Land, rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering palo verde, greasewood and cacti, 4 to 6 ft. high.

H.P.

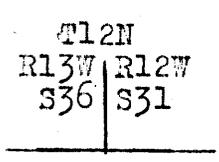


Survey of  
East half of North boundary of Township 11 North, Range 13W, 141

Chains.

H.P.  
From cor. established under Group No. 48 for cor. of secs. 3, 4, 33 and 34.  
East, on random line, setting temp.  $\frac{1}{2}$  sec. and sec. cors. at intervals of 40.00 chs., and at 240.53 chs. intersect 3rd Guide Meridian West.  
At point of intersection, establish the cor. of Ts. 11 N., Rs. 12 and 13 W., as described in Book "B."

Thence,  
West, on true line, on N. bdy. of sec. 1.  
Over mountainous land, through scattering brush. Descend 46 ft. over SW. slope.  
0.53 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 12 N., Rs. 12 and 13 W., marked on brass cap,

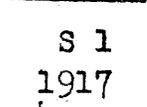


1917

and raise a mound of stone 4 ft. base, 2 ft. high, N. of cor.

5.00 Foot of descent. Ascend 96 ft.  
9.20 Top of spur, slopes SE. Descend 324 ft.  
29.37 Head of wash, 20 lks. wide, course NW. Ascend 40 ft., over broken NE. slope to  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, supported by a mound of stone, for  $\frac{1}{4}$  sec. cor. of sec. 1, marked on brass cap,

$\frac{1}{4}$



1917

and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor.

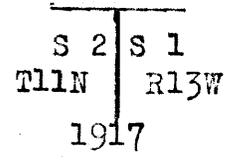
Ascend 10 ft. to  
40.53 (40.00 chs. W. of cor. of Ts. 12 N., Rs. 12 & 13 W.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap, of sec. 36



1917

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Ascend 257 ft. to  
54.20 Top of spur, slopes N. Descend 52 ft., over W. slope to  
59.20 Foot of slope from spur. Thence over rolling and broken N. slope of ridge. Descend 145 ft. to  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., supported by a mound of stone for cor. of secs. 1 and 2, marked on brass cap,



1917

and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor.

Land, mountainous.  
Soil, rocky, 4th rate.  
No timber. Undergrowth, palo verde, greasewood and cactus.

142. East half of North boundary of Township 11 North Range 13 West.

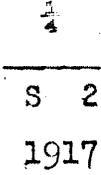
Chains

West, on N.bdy. of sec.2.  
 Over mountainous land, through scattering brush.  
 Descend 6 ft., over N.slope, to  
 0.53 (80.00 chs.W.of cor.of Ts.12 N.,Rs.12 and 13 W.) Set an  
 iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the  
 ground, supported by a mound of stone for cor.of secs.  
 35 and 36, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft.high,N.of  
 cor.

Descend 57 ft.,over N.slope, to  
 4.90 Foot of descent. Ascend 227 ft. over E.slope.  
 18.50 Top of spur, slopes N. Descend 242 ft. over W.slope.  
 28.15 Wash, 20 lks.wide, course N. Ascend 90 ft.  
 32.00 Top of ascent, brs.N.and S. Descend 90 ft.  
 36.90 Wash, 20 lks.wide, course N. Ascend 52 ft.  
 39.00 Top of spur, slopes N. Descend 23 ft.to  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 20 ins. in the  
 ground supported by a mound of stone for  $\frac{1}{4}$  sec.cor.of  
 sec.2, marked on brass cap,



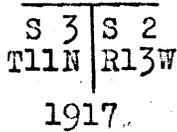
and raise a mound of stone 3 ft.base, 2 ft.high, S.of  
 cor.

Descend 10 ft.to  
 40.53 (40.00 chs.W.of cor.of secs.35 and 36) Set an iron post,  
 3 ft. long, 1 in. in diam., 12 ins. in the ground,sup-  
 ported by a mound of stone, for  $\frac{1}{4}$  sec.cor. marked on  
 brass cap, of sec:35



and raise a mound of stone, 3 ft. base, 2 ft.high,N.of  
 cor. Descend 142 ft.to

49.78 Wash, 30 lks.wide, course NW. Ascend 329 ft.  
 78.40 Top of spur, slopes N. Descend 140 ft.to  
 80.00 Set an iron post 3 ft.long, 2 ins.in diam., 20 ins.in the  
 ground, supported by a mound of stone, for cor.of secs.  
 2 and 3, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high,S.  
 of cor.

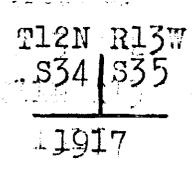
Land, mountainous.  
 Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, palo verde, greasewood and cactus.

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 West, on N.bdy.of sec.3.  
 Over mountainous land,through scattering brush. Descend

East half of North bdy. of Township 11 North, Range 13 West. 143

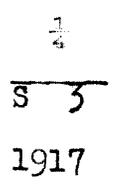
Chains.

10 ft. to  
0.53 (80.00 chs. W. of cor. of secs. 35 and 36) Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in the ground, supported by mound of stone, for cor. of secs. 34 and 35, marked on brass cap,



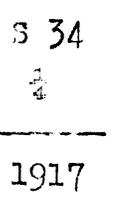
and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Descend 223 ft.  
14.63 Wash, 20 lks. wide, course NW. Ascend 154 ft., over E. slope.  
23.42 Top of spur, slopes NW. Descend 152 ft., over SW. slope.  
34.47 Wash, 40 lks. wide, course N. Ascend 50 ft., over E. slope to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for  $\frac{1}{2}$  sec. cor., of sec. 3, marked on brass cap,



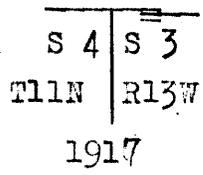
and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Ascend 12 ft. to

40.53 (40.00 chs. W. of cor. of secs. 34 and 35) Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 34, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Ascend 86 ft. to  
44.40 Top of spur, slopes NW. Descend 46 ft.  
49.37 Foot of descent. Ascend 131 ft., over broken NE. slope.  
57.00 Top of ridge, brs. NW. and SE. Descend 330 ft. to  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in the ground, supported by a mound, for reestablished cor. of secs. 3 and 4, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, mountainous.  
Soil, rocky, 4th rate.  
No timber.  
Undergrowth, scattering palo verde, greasewood, and cactus, 4 to 6 ft. high.

West, on N. bdy. of sec. 4.  
Over mountainous land, through scattering brush.  
0.53 (80.00 chs. W. of cor. of secs. 34 and 35) Intersect the cor.

144. East half of North bdy. of Township 11 North, Range 13 West.

Chains

established under Group 48 for cor. of secs. 3, 4, 33 and 34, a 3 in. iron post, with brass cap, properly marked and witnessed. Change this cor. to reestablished cor. of secs. 33 and 34 only by obliterating the markings on brass cap referring to secs. 3 and 4, and by moving mound of stone from W. to N. of cor.

The remainder of the N. bdy. of sec. 4, and also N. bdrs. of secs. 5 and 6 are resurveyed as hereinafter described.

H. P.

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Retracement of West half of South bdy. of Township 12 N. 2R. 13 W. 145

Chains.

H.P.  
 From cor. of Ts. 11 and 12 N., Rs. 13 and 14 W., a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general (established under Group No. 48), East, on random line, on S. bdy. of sec. 31.

38.62 Fall 3 lks. S. of  $\frac{1}{4}$  sec. cor.  
 True course and length of W.  $\frac{1}{2}$  of S. bdy. of sec. 31 is therefore, S<sup>89°57'</sup>W., 38.62 chs.  
 Thence,  
 East, on a random line on E. half of S. bdy. of sec. 31.

40.14 Fall 5 lks. N. of cor. of secs. 5, 6, 31 and 32.  
 True course and length of E.  $\frac{1}{2}$  of S. bdy. of sec. 31 is therefore N. 89°56'W., 40.14 chs.  
 Thence,  
 East, on a random line on S. bdy. of sec. 32.

40.00 Fall 3 lks. S. of  $\frac{1}{4}$  sec. cor.  
 True course and length of W.  $\frac{1}{2}$  of S. bdy. of sec. 32 is therefore S. 89°57'W., 40.00 chs.  
 Thence,  
 East, on a random line on E.  $\frac{1}{2}$  of S. bdy. of sec. 32.

40.12 Fall 5 lks. N. of cor. of secs. 4, 5, 32 and 33.  
 True course and length of E.  $\frac{1}{2}$  of S. bdy. of sec. 32 is therefore N. 89° 56'W., 40.12 chs.  
 Thence  
 East, on random line on S. bdy. of sec. 33.

40.12 Fall 9 lks. S. of original  $\frac{1}{4}$  sec. cor.  
 True course and length of W.  $\frac{1}{2}$  of S. bdy. of sec. 33 is therefore S. 89° 52'W., 40.12 chs.  
 Thence  
 East on random line on E.  $\frac{1}{2}$  of S. bdy. of sec. 33.

39.97 Fall 16 lks. N. of reestablished cor. of secs. 33 and 34, hereinbefore described.  
 True course and length of E.  $\frac{1}{2}$  of S. bdy. of sec. 33 is therefore N. 89° 47'W., 39.97 chs.

H.P.

The following is for  
 survey

146. Resurvey of W. half of S. bdy. of Township 12 North. Range 13 W.

Chains.

H.P.  
From reestablished cor. of secs. 33 and 34 hereinbefore described, which is 53 lks. W. of reestablished cor. of secs. 3 and 4, hereinbefore described,  
N. 89° 47' W., continuing measurement on N. bdy. of sec. 4.  
Over mountainous land, through scattering brush. Descend gradually.

- 2.40 Wash, 40 lks. wide, course SE. Ascend 111 ft., over rolling SE. slope.
- 12.00 Top of ascent; descend 60 ft. to
- 28.74 Wash, 30 lks. wide, course S.
- 38.00 Wash, 40 lks. wide, course S.
- 40.00 Point for reestablishment of 1/4 sec. cor. of sec. 4 falls in wash, course SE.; therefore, return 206 lks. S. 89° 47' E. and at
- 37.94 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to reestablished 1/4 sec. cor. of sec. 4, marked on brass cap,

WC 1/4

S 4

1917

and raise a mound of stone 3 ft. base, 2 ft. high, S. of co.

- 40.50 (39.97 chs. N. 89° 47' W. of reestablished cor. of secs. 33 and 34) Intersect 1/4 sec. cor. originally established for secs. 4 and 33, which is an iron post with brass cap, properly marked and witnessed by mound of stone, N. of cor. Reestablish as 1/4 sec. cor. of sec. 33 only, by obliterating markings on cap referring to sec. 4.  
Thence S. 89° 52' W., continuing measurement of N. bdy. of sec. 4.

Over rolling SE. slope.

- 70.60 Road brs. NW. and SE.
- 75.30 Wash, 50 lks. wide, course SE. Ascend 65 ft., over rocky E. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, supported by mound of stone, for reestablished cor. of secs. 4 and 5, marked on brass cap,

S 5	S 4
T11N	R13W

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, greasewood and cactus, 4 to 6 ft. high.

S. 89° 52' W., on N. bdy. of sec. 5.

Over mountainous land, through scattering brush. Ascend 12 ft. to

- 0.62 (40.12 chs. S. 89° 52' W. of reestablished 1/4 sec. cor. of secs. 33) Intersect cor. originally established for 4 secs., a 3 in. iron post, with brass cap, properly marked and witnessed by mound of stone W. of cor. Reestablish as cor. of secs. 32 and 33 only by obliterating markings on brass cap, referring to secs. 4 and 5, and by moving mound of stone from W. to N. of cor.

Thence N. 89° 56' W., continuing measurement of N. bdy. of sec. 5.

Ascend 518 ft. over rocky E. and NE. slope.

- 18.20 Rim of mesa, brs. NW. and SE. Thence over top of mesa.

Resurvey of W. half of S. bdy. of Township 12 North, Range 13 West, 147

Chains

36.10 Rim of mesa, brs. N. and S. Descend 125 ft. to  
40.00 Set an iron post 3 ft. base, 1 in. in diam., supported by mound of stone for reestablished  $\frac{1}{4}$  sec. cor. of sec. 5, marked on brass cap,

S 5  
1917

40.74 and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor. (40.12 chs. N. 89°56' W. of reestablished cor. of secs. 32 and 33) Intersect  $\frac{1}{4}$  sec. cor. originally established for secs. 5 and 32, a 1 in. iron post with brass cap, properly marked and witnessed by mound of stone, N. of cor. Reestablish as  $\frac{1}{4}$  sec. cor. of sec. 32 only, by obliterating markings on brass cap referring to sec. 5.

Thence S. 89°57' W., continuing measurement of N. bdy. of sec. 5. Descend 57 ft. to

50.40 East rim of canyon, brs. N. and S. Descend 175 ft.  
58.86 Wash, 200 lks. wide in bottom of canyon, course S. Ascend 190 ft.

62.65 West rim of canyon, brs. N. and S. Thence over rolling mesa.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., supported by mound of stone for reestablished cor. of secs. 5 and 6, marked on brass cap,

S 6 | S 5  
T11N | R13W  
1917

and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor.

Land, mountainous.  
Soil, rocky, 4th rate.  
No timber.  
Undergrowth, scattering palo verde, greasewood and cactus.

0.74 S. 89°57' W., on N. bdy. of sec. 6. Over mountainous land, through scattering brush. (40.00 chs. S. 89°57' W. of the reestab.  $\frac{1}{4}$  sec. cor. of sec. 32), Intersect cor. originally established for 4 secs., a 3 in. iron post with brass cap, properly marked and witnessed by mound of stone W. of cor. Reestablish as cor. of secs. 31 and 32 only by obliterating marking on brass cap referring to secs. 5 and 6, and by moving mound of stone from W. to N. of cor.

Thence N. 89°56' W. continuing measurement of N. bdy. of sec. 6. Descend over rolling mesa.

11.20 Edge of mesa, brs. NW. and SE. Descend 272 ft.  
35.60 Foot of descent. Thence over rolling land.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of sec. 6, marked on brass cap,

S 6  
1917

40.88 and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor. (40.14 chs. N. 89°56' W. of reestablished cor. of secs. 31 and 32) Intersect  $\frac{1}{4}$  sec. cor. originally established for

.148 Resurvey of W. half of S. bdy. of Township 12 North, Range 13 W..

Chains.

secs. 6 and 31, a 1 in. iron post with brass cap, properly marked and witnessed by mound of stone, N. of cor. Reestablish as  $\frac{1}{4}$  sec. cor. of sec. 31 only by obliterating marking on brass cap, referring to sec. 6.

Thence S.  $89^{\circ}57'$  W., continuing measurement of N. bdy. of sec. 6.

Descend over rolling and broken land.

47.60 Wash 30 lks. wide, course S. Ascend 75 ft.

74.60 Descend 42 ft. to

79.50 (38.62 chs. S.  $89^{\circ}57'$  W. of reestablished  $\frac{1}{4}$  sec. cor. of sec. 31) Intersect cor. of T<sub>s</sub>. 11 and 12 N., R<sub>s</sub>. 13 and 14 W., a 3 in. iron post with brass cap, marked and witnessed as described by the surveyor general (established under Group No. 48).

Land, mountainous and rolling.  
Soil, rocky, 4th rate.  
No timber.  
Undergrowth, scattering palo verde, greasewood and cactus.  
H.P.

Boundaries of Township 11 North, Range 13 West.  
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N..	S..	E..	W..
South boundary,	S. $89^{\circ}54'$ W.	481.85		.84		481.85
West boundary,	N. $0^{\circ}12'$ E.	481.35	481.35		1.68	
North boundary,	N. $89^{\circ}57'$ E.	38.62	.03		38.62	
	S. $89^{\circ}56'$ E.	40.14		.05	40.14	
	N. $89^{\circ}57'$ E.	40.00	.04		40.00	
	S. $89^{\circ}56'$ E.	40.12		.05	40.12	
	N. $89^{\circ}52'$ E.	40.12	.07		40.12	
	S. $89^{\circ}47'$ E.	39.97		.15	39.97	
	East,		240.53			240.53
East boundary, (3rd. Guide Mer. West)	South,	70.32		70.32		
	S. $0^{\circ}1'$ E.	39.79		39.79	.01	
	S. $0^{\circ}3'$ E.	40.03		40.03	.03	
	South,	160.16		160.16		
	S. $0^{\circ}2'$ W.	40.15		40.15		.02
	S. $0^{\circ}4'$ E.	80.07		80.07	.10	
	S. $0^{\circ}6'$ E.	40.12		40.12	.07	
S. $0^{\circ}1'$ E.	10.56		10.56			
Convergency,					.50	
Totals,			481.49	482.29	481.89	481.87
				481.49	481.87	
Error in latitude,				.80		
Error in departure,					.02	

Resurvey of part of South bdy. of Township 11 N. R. 7 W. 149

Chains.

L.E.W.

From the original cor. of secs. 5, 6, 31 and 32 on S. bdy. of Tp., which is a granite stone 12x10x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general,  
 West, on a random line, bet. secs. 6 and 31.  
 40.00 No trace of original  $\frac{1}{4}$  sec. cor. can be found.  
 80.24 Fall 62 lks. S. of the original cor. of Ts. 10 and 11 N., Rs. 7 and 8 W., which is a granite stone 10x8x6 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.  
 Thence,  
 S. 89° 33' E. on a true line, bet. secs. 6 and 31.  
 39.61 Over heavily rolling land, through scattering brush. (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 31  
 S 6  
 1915

dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.  
 80.24 The original cor. of secs. 5, 6, 31 and 32.  
 Land, heavily rolling.  
 Soil, sandy loam, and gravelly, 3rd rate.  
 Undergrowth, scattering greasewood and palo verde, with an occasional Joshua tree.  
 No timber.

L.E.W.

-----  
 Retracement of part of S. bdy. of Township 11 N., R. 7 W.

L.E.W.

From original cor. of secs. 5, 6, 31 and 32, hereinbefore described,  
 East, on a random line, bet. secs. 5 and 32.  
 42.30 Over heavily rolling land, through scattering brush. Fall 72 lks. N. of the original  $\frac{1}{4}$  sec. cor., which is a granite stone 15x10x6 ins., set in a mound of stone, firmly set, marked and witnessed as described by the surveyor general.  
 True course and length of W.  $\frac{1}{2}$  bet. secs. 5 and 32, is therefore S. 89° 1' E., 42.31 chs.  
 Thence  
 40.90 East, on a random line on E.  $\frac{1}{2}$ , bet. secs. 5 and 32. Fall 13 lks. N. of the original cor. of secs. 4, 5, 32 and 33, which is a granite stone 10x12x12 ins., above ground, firmly set, marked and witnessed as described by the surveyor general.  
 True course and length of E. half, bet. secs. 5 and 32 is therefore S. 89° 49' E., 40.90 chs.  
 Land, mountainous.  
 Soil, sandy and rocky, 4th rate.  
 Undergrowth, scattering greasewood, palo verde and Joshua trees.  
 No timber.

L.E.W.

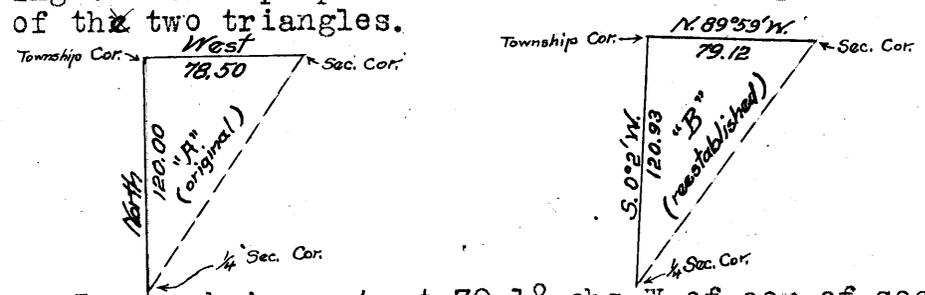
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150. Retracement of part of E. bdy. of Township 11 N., R. 7 W.

Chains H.N.B.  
 From original  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, which is a granite stone 10x10x8 ins. loosely set, marked  $\frac{1}{4}$  on W. face, with no accessories visible.  
 North, on random line on N.  $\frac{1}{2}$  bet. secs. 7 and 12.  
 40.00 After diligent search without finding any trace or original cor. of secs. 1, 6, 7 and 12, set temp. cor. of said secs. at this point.  
 Continue line and measurement, bet. secs. 1 and 6.  
 80.00 After diligent search, without finding any trace of original  $\frac{1}{4}$  sec. cor., set temp.  $\frac{1}{4}$  sec. cor. of secs. 1 and 6 at this point.  
 Continue line and measurement.  
 120.00 After diligent search without finding any trace of original Tp. cor., set temp. cor. of T. 11 and 12 N., R. 6 and 7 West. this point.  
 Continue line and measurement. H.N.B.

Retracement of part of N. bdy. of Township 11 N. R. 6 W.

H.N.B.  
 From original cor. of secs. 5, 6, 31 and 32, West, on a random line, bet. secs. 6 and 31.  
 40.00 After diligent search without finding any trace of original  $\frac{1}{4}$  sec. cor., set temp.  $\frac{1}{4}$  sec. cor. at this point.  
 78.50 (Original dist.) Find no trace of original Tp. cor.  
 79.18 Fall 91 lks. N. of the temp. Tp. cor. set in the partial retracement of E. bdy. of T. 11 N., R. 7 W., hereinbefore described. Move this temp. Tp. cor. N. 91 lks., thus locating it at 120.91 chs. N. of  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, and 79.18 chs. W. of cor. of secs. 5, 6, 31 and 32.  
 The reestablishment of the Tp. cor., and other missing cors. is illustrated by the diagram shown below in which "A" represents a triangle erected on the Tp. cor., cor. of secs. 5, 6, 31 and 32 on N. bdy. of T. 11 N., R. 6 W., and the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12 on E. bdy. of T. 11 N., R. 7 W. as given in original notes, and "B" represents triangle erected on line between cor. of secs. 5, 6, 31 and 32 on N. bdy. of T. 11 N., R. 6 W. and the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12 on E. bdy. of T. 11 N., R. 7 W., maintaining the same proportions between the respective sides of the two triangles.

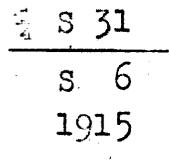


Temp. Tp. cor. being set at 79.18 chs. W. of cor. of secs. 5, 6, 31 and 32, while from triangle "B" such dist. should be 79.12 chs., the reestablished Tp. cor. will be located 06 lks. E. of N. and S. line thru. temp. Tp. cor., giving a true course of S. 0° 2' W. for the Tp. bdy. from such reestablished Tp. cor. to the original  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.  
 Temp. cor. being set at 120.91 chs. N. of  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, while from triangle "B" such dist. should be 120.93 chs., the reestablished Tp. cor. will be located 02 lks. N. of E. and W. line, thru. temp. Tp. cor., giving a true course of N. 89° 59' W. for the Tp. bdy. from the cor. of secs. 5, 6, 31 and 32 to such reestablished Tp. cor.  
 H.N.B.

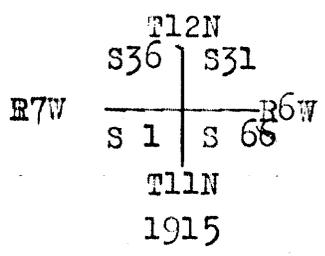
Resurvey of part of N. bdy. of Township 11 North Range 6 West. 151

Chains.

H.N.B.  
 From original cor. of secs. 5, 6, 31 and 32, which is a volcanic stone 6x10x10 ins. above ground, firmly set and marked and witnessed as described by the surveyor general.  
 N. 89° 59' W. on a true line, bet. secs. 6 and 31.  
 Over rolling land, through scattering brush.  
 5.30 Wash, 1 ft. deep, 5 lks. wide, course NW.  
 5.80 S.F.P.P. Ry. bears N. 12° 8' E. and S. 12° 8' W.  
 19.00 Wash, 2 ft. deep, 8 lks. wide, course SE.  
 40.31 (Proportional dist.) Set an iron post 1 in. in diam., 3 ft. long, 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,



Dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 44.90 Wagon road bds. N. and S.  
 79.12 (Proportional dist.) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of Ts. 11 and 12 N., Rs. 6 and 7 W., marked on brass cap,

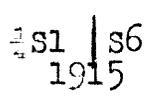


dig pits 24x24x12 ins. N., E. and W. 4 ft., and S. of post 8 ft. dist., and raise a mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.  
 Land, gently rolling.  
 Soil, sandy loam, 2nd rate.  
 Undergrowth, scattering low greasewood, catclaw, mesquite, and cacti.  
 No timber.

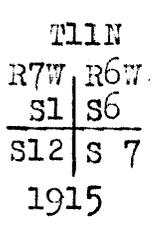
H.N.B.

Resurvey of part of East bdy. of Township 11 N., R. 7 West.

H.N.B.  
 From reestablished cor. of Ts. 11 and 12 N., Rs. 6 and 7 W., hereinbefore described,  
 S. 0° 2' W., on true line, bet. secs. 1 and 6.  
 Over rolling land, through scattering brush.  
 40.31 (Proportional dist.), Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,



dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 80.62 (Proportional dist.) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 1, 6, 7 and 12, marked on brass cap,



152 Resurvey of part of East bdy. of T.11 N., R. 7 W.

Chains

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, sandy loam, 2nd rate.  
 Scattering greasewood, catclaw and mesquite.  
 No timber.

35.00  
40.31

S.  $0^{\circ}2'$  W. on a true line, bet. secs. 7 and 12.  
 Over rolling land, through scattering brush.

Enter rocky land, brs. NW. and SE.

The original  $\frac{1}{4}$  sec. cor., hereinbefore described. I destroy the original cor. monument, and in same position set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,

 $\frac{1}{4}$  s 12 | s 7

1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, sandy loam and rocky, 2nd and 4th rate.  
 Undergrowth, scattering catclaw and mesquite.  
 No timber.

H. B. B.

Retracement of portion of W. bdy. of Township 11 N., R. 7 W. 153

Chains

L.E.W.

From original cor. of Ts. 10 and 11 N., Rs. 7 and 8 W. hereinbefore described,

40.12 North, on random line, bet. secs. 31 and 36.

Fall 22 lks. W. of original  $\frac{1}{4}$  sec. cor. True course and elngth of S.  $\frac{1}{2}$  of line bet. secs. 31 and 36 is therefore, N. 0° 19' E., 40.12 chs.

40.00 Thence, North, on random line, on N.  $\frac{1}{2}$  bet. secs. 31 and 36. After diligent search without finding any trace of original cor. of secs. 25, 30, 31 and 36, set temp. cor. of said secs. at this point.

79.52 Thence, North, on random line, bet. secs. 25 and 30, continuing measurement from original  $\frac{1}{4}$  sec. cor. of secs. 31 and 36. Fall 313 lks. W. of original  $\frac{1}{4}$  sec. cor. True course and length of line from original  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 to this  $\frac{1}{4}$  sec. cor. is therefore N. 2° 15' E., 79.58 chs. To reestablish the missing sec. cor. midway bet. the  $\frac{1}{4}$  sec. cors. results in a true course and length for N.  $\frac{1}{2}$  bet. secs. 31 and 36, and for S.  $\frac{1}{2}$  bet. secs. 25 and 30 of N. 2° 15' E., 39.79 chs.

40.00 From original  $\frac{1}{4}$  sec. cor., North, on random line, on N.  $\frac{1}{2}$  bet. secs. 25 and 30. After diligent search without finding any trace of original cor. of secs. 19, 24, 35 and 30,, set temp. cor. of said secs. at this point. T. bdy. was never previously surveyed N. of this point; therefore, this missing sec. cor. cannot be reestablished by a proportionate measurement bet. orig. cors. on a N. and S. line. As a basis for the reestablishment of this sec. cor., make retracement of a portion of the subdivision lines in T. 11 N., R. 7 W., as follows:

L.E.W.

Retracement of portion of Subdivision Lines of T. 11 N R 7 W.

L.E.W.

From the original cor. of secs. 5, 6, 31 and 32 on S. bdy. of Tp., hereinbefore described,

40.00 North, on random line, bet. secs. 31 and 32. No trace of original  $\frac{1}{4}$  sec. cor. can be found.

82.00 Fall 18 lks. W. of the original cor. of secs. 29, 30, 31 and 32, which is a granite stone 10x8x10 ins above ground, firmly set, marked with 1 notch on S. and 5 on E. edges, without accessories. Reestablish this cor. by raising a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

True course and length of line bet. secs. 31 and 32 is therefore N. 0° 8' E., 82.00 chs.

40.00 North, on random line, bet. secs. 29 and 30. No trace of original  $\frac{1}{4}$  sec. cor. can be found.

80.00 Make careful and extensive search for the original cor. of secs. 19, 20, 29 and 30; but find no trace of same. No subdivision lines have previously been surveyed N. of this point. Set temp. cor. of secs. 19, 20, 29 and 30, at this point.

40.00 West, bet. secs. 19 and 30. No trace of original  $\frac{1}{4}$  sec. cor. can be found.

76.67 Fall 175 lks. N. of the temp. cor. of secs. 19, 24, 25 and 30,, set 40.00 chs. N. of original  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, hereinbefore described.

From the condition of the subdivision lines in this vicinity, as shown by the preceding retracement, it is evident that they offer no satisfactory basis for an accurate reestablishment of the missing cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp.; therefore, I reestablish said cor. at the point where temp. cor. is

154 Retracement of portion of Sub.lines of T.11 N., R.7 W.

Chains.

set as hereinbefore described.

L.E.W.

Resurvey of portion of West bdy. of Township 11 N., R.7 W.

L.E.W.

From original cor. of Ts. 10 and 11 N., Rs. 7 and 8 W., hereinbefore described,

N. 0° 19' E., on a true line, bet. secs. 31 and 36, as per result of retracement hereinbefore described.

Over rolling land, through scattering brush.

40.12 Intersect original 1/2 sec. cor., which is a granite stone 14x6x6 ins., loosely set, marked 1/2 on W. face. No trace of accessories. Reestablish this cor. by resetting same stone, 10 ins. in the ground, and by digging pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and by raising a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

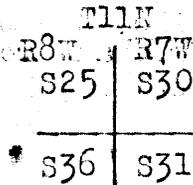
Thence,

N. 2° 15' E., on a true line, on N. 1/2 bet. secs. 31 and 36.

Over rolling land, through scattering brush.

3.39 Old road, brs. E. and W.

39.79 (Proportional dist.) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 25, 30, 31 and 36, marked on brass cap,



1915

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, sandy and rocky, 2nd and 3rd rate.

No timber.

Undergrowth, scattering greasewood, palo verde and Joshua trees.

N. 2° 15' E. on S. 1/2 bet. secs. 25 and 30.

Over rolling land, through scattering brush.

39.04 Leave sandy land; enter rolling, rocky land, brs. E. and W.

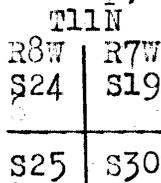
39.79 Intersect the original 1/2 sec. cor., which is a granite stone 18x12x8 ins., firmly set in a pile of stone on a rocky point extending W. 100 lks.; stone marked "1/2" on W. face, and witnessed by mound of stone 3 ft. base, 2 ft. high, W. of cor.

Thence,

North on N. half, bet. secs. 25 and 30.

Over rolling, rocky land, thru. scattering brush.

40.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 19, 24, 25 and 30, marked on brass cap,



1915

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling. Soil, sandy and rocky, 2nd and 4th rate.

Undergrowth, scattering greasewood, palo verde and Joshua trees. No timber.

L.E.W.

## L. E. WILKES, U.S. SURVEYOR

--PARTY--

Charles P. Seelye,	1st chainman,
C. H. Wallis,	1st chainman,
C. H. Soehren,	2nd chainman.
Chas. L. Nafziger,	flagman, 2nd chainman,
H. Henderson,	cornerman,
Carl Dyson,	cornerman, 2nd chainman,
R. I. Morgan,	cornerman, 2nd chainman,
John Bayeroff,	flagman,
Thos. Hatley,	2nd chainman,
A. C. Tilton,	2nd chainman,
Edgar H. Purdy,	1st chainman,
Roy L. Thompson,	flagman,
A. J. Breedon,	cornerman,

## H. N. BRADSTREET, U.S. TRANSITMAN

-- PARTY --

Ulery Dorman,	1st chainman,
T. J. Gamble.	1st chainman,
George S. Henry,	cornerman,
Norman D. Price,	1st chainman,
H. Henderson,	cornerman,
John L. Goodson,	flagman,
Thos. Hatley,	cornerman, 1st & 2nd chainman,
Chas. L. Nafziger,	cornerman, 1st chainman,
Louis Schmitt,	cornerman,
Dewitt Knickerbocker,	flagman and cornerman,

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## JOHN G. COLLINS, U. S. TRANSITMAN,

-- PARTY --

Norman D. Price,	1st chainman,
D. R. Averill,	moundman, 1st, chainman,
Cecil R. Breedon,	2nd chainman,
John L. Goodson,	flagman,
DeWitt Knickerbocker,	flagman and cornerman.
Chas. L. Nafziger,	cornerman, 1st chainman,
Louis Schmitt,	cornerman.

---

## JAMES C. HOOPER, U. S. TRANSITMAN

-- PARTY --

Norman D. Price,	1st chainman,
D. Reed Averill,	moundman, 1st, chainman,
Thomas Hatley,	cornerman, 2nd chainman,
John L. Goodson,	flagman,
W. C. Axson,	cornerman.

---

## HUGO PRICE, U. S. TRANSITMAN,

-- PARTY --

David B. Alleman,	1st chainman,
Orville Thompson,	2nd chainman,
Edward Orear,	cornerman, 2nd chainman,
Eugene Little,	flagman, axeman,
Chas. Bass,	axman,
Donald McNeill,	axeman, flagman,
Elmer Rodgers,	axeman, 2nd chainman,
Clyde N. Carey,	2nd chainman,
Edward Baker,	cornerman,

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DIAGRAM

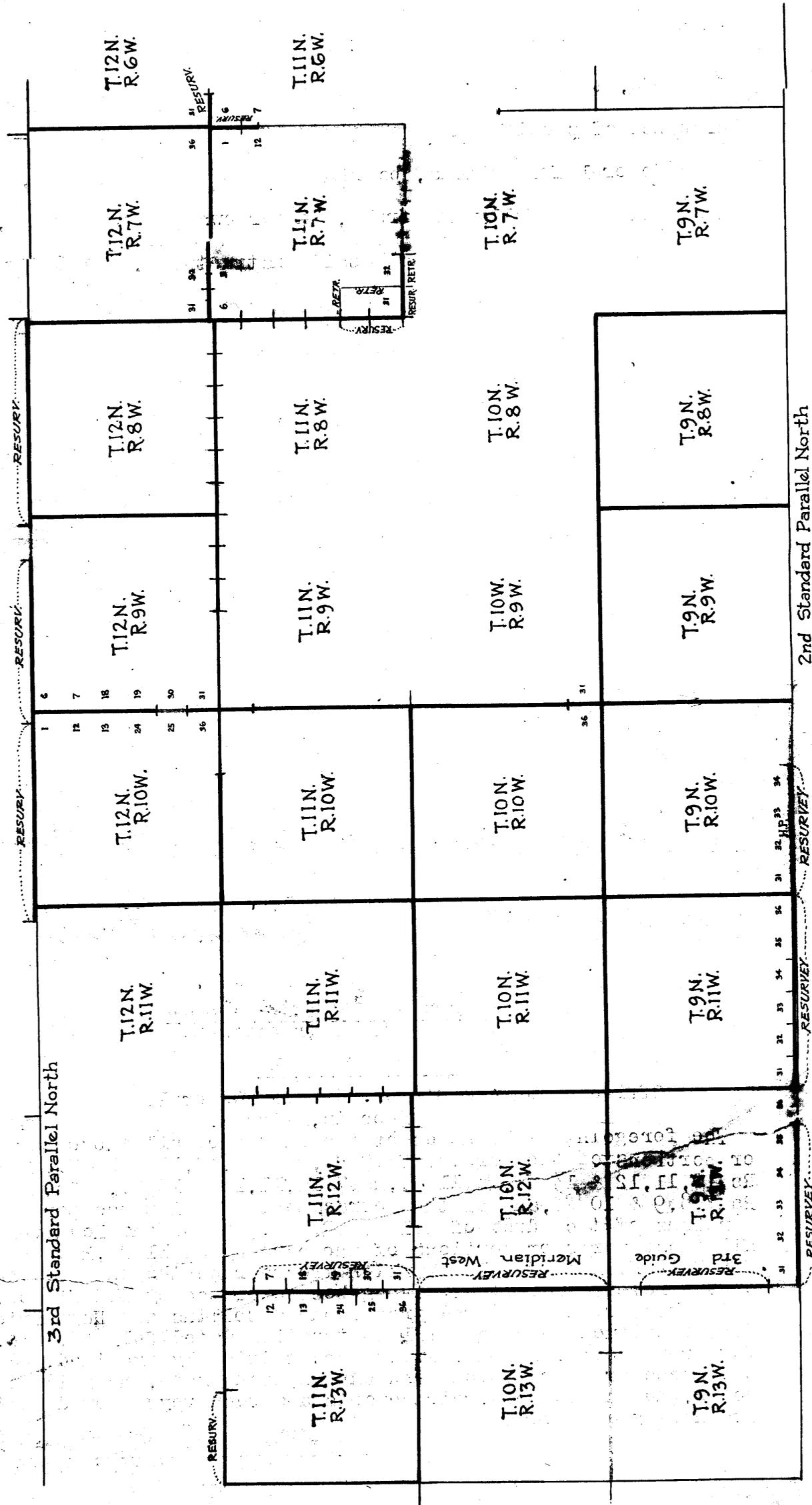
SHOWING THE RESPECTIVE SURVEYS  
RESURVEYS AND RETRACEMENTS OF  
STANDARD LINES AND TOWNSHIP BOUNDARIES  
EXECUTED BY EACH SURVEYOR AND  
TRANSITMAN UNDER INSTRUCTIONS FOR  
GROUP 36 ARIZONA.

Executed by James C. Hooper  
U.S. Transitman.

Executed by John G. Collins  
U.S. Transitman

Executed by H.N. Bradstreet  
U.S. Transitman.

Executed by L.E. Wilkes, U.S. Surveyor.



H.P. Executed by Hugo Price  
U.S. Transitman

FINAL CERTIFICATE OF U. S. SURVEYORS AND TRANSITMEN.

We, the undersigned, hereby certify on honor that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona, bearing date of July 23, 1914, we have well, faithfully and truly, in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

GROUP 36,

which are represented on the diagram on the reverse hereof as having severally been executed by us, and under our direction; and we do further certify on honor that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U.S. Surveyor General for Arizona, and in the specific manner described in our respective field notes.

L. E. Wilkes  
U. S. Surveyor.

James B. Hooper  
U. S. Transitman.

H. N. Bradstreet  
U. S. Transitman.

Hugo Price  
U. S. Transitman.

John G. Collins  
U. S. Transitman.

A P P R O V A L.

Office of United States Surveyor General,  
Phoenix, Arizona, Jan. 20, 1919, ~~1918~~

The foregoing field notes of the survey of all those parts or portions of the bdrs. of Ts. 9 N., Rs. 8, 9, 10, 11 & 12 W., Ts. 10 N., Rs. 10, 11, 12 & 13 W., Ts. 11 N., Rs. 7, 10, 11, 12 & 13 W., & Ts. 12 N., Rs. 7, 8, 9 & 10 W., and of the retracements of all those parts or portions of the bdrs. of T. 11 N., R. 7 W. and of the Resurvey of all those parts or portions of the bdrs. of Ts. 11 N., Rs. 6 and 7 W. & T. 12 N., R. 13 W., all of which are represented on the diagram on the reverse hereof as having been executed by L. E. Wilkes, U.S. Surveyor and H. N. Bradstreet, John G. Collins and Hugo Price, U.S. Transitmen, under special instruction dated July 23, 1914, for Group No. 36, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys, retracements and resurveys they describe, are hereby approved.

Grand P. Smith  
U. S. Surveyor General.