2196

BOOK 2196

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FIELD NOTES

OF THE SURVEY OF THE

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Subdivision 1	ines ol	Tourshi	10
Subdivision la North, Pange	18 Nest		
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Of the Sila USa	It Pirev Co	ase & Meri	dian,
of the Sila & Sa in the Veritory of	It Pirev Co	Tase & Meri	dian,
in the Verritory of	SURVEYED I	<i>W</i>	
in the Verritory of	SURVEYED I	<i>W</i>	···
in the Verritory of AS AS ASIGNATION	SURVEYED E	Number States	Deputy Surveyor
in the Verritory of AS AS ASIGNATION	SURVEYED E	Number States	Deputy Surveyor
in the Verritory of AS AS AS	SURVEYED E	Number States	Deputy Surveyor

BOOK 2196

NAMES AND DUTIES OF ASSISTANTS.

W. Kerno.	Chainman
Bert Lyon	Chainman
	Chamman
Ralph Of Ellis	Moundman
P. H. Stark	axman
V.M. Carker	axman
Leorge Newell	Hag man
	·
A 151	

INDEX DIAGRAM.

Township 21 North, Range 18 West.

Meanders Page

(10)

PRELIMINARY OATHS OF ASSISTANTS.

WE, a. P. Kemo	and Bert Lyon
	lly execute the duties of chainmen; that we will level the
-	the tally pins, either by sticking or dropping the same; that
we will report the true distances to all notable	objects, and the true lengths of all lines that we assist in
measuring, to the best of our skill and ability, and	d in accordance with instructions given us, in the survey of
the Subdivision lines of How	mohin 21 Horth Range 18 West
	Juship 21 North, Range 18 West Chainman.
	Chainman.
	Gertlyon, Chainman.
	, Charleman.
Subscribed and sworn to before me this	
day of Recember 1909	Sala 1
My commission expires March 29, 1914	Myenerich,
SEAL (*	Fertary Public
0 1110 100	
WE, Ralph B Ellis	and
do solemnly swear that we will well and trul	y perform the duties of moundmen in the establishment
of corners, according to the instructions given	us, to the best of our skill and ability, in the survey of
the Subdinson lines of you	Juship 21 Horth, Pange 18 West Calfoh R Elles, Moundman.
	Maria R Soli
•	Moundman.
_	, Moundman.
Subscribed and sworn to before me this	
day of <i>Recember</i> , 1909) And evenila -
My Louis SEAL W	(F) + D //'
KREEK!	molay whee
WE. P. M. Stark	and & M. Parker
	erform the duties of axmen in the establishment of corners
and other duties, according to instructions given	n us, to the best of our skill and ability, in the survey of
the subdivision lines of War	worship 21 North, Range 18 West.
The recommendation when if we	en poerage za paran, sumage po wext.
	Rustark Axman.
	onstark Axman.
	Asman.
Subscribed and sworn to before me this	(
day of Recember, 1909	Just enemed
composion expires March 25, 1814	
SEAL (H	notary Public
0. 21 10	lacktriangledown
I, George Newell	, do solemnly swear that I will well and truly
perform the duties of flagman according to instr	cuctions given me, to the best of my skill and ability, in the
survey of the subdivisors of Low	nahis 1 North Pange 18 West
D	e 20 mill
•	Seorge Messell, Flagman.
Subscribed and sworn to before me this	
day of Recember, 1909	' (MA)
	LU MERRINA
* SEAL (*	Mossereich - Wolang Public

chains.

Survey commenced February 4,1910, and excuted with a Young and sons light mountain transit No.7532, with a solar attachment. The horizontal limb is provided with two double veriners placed opposite to each other and reading to single minutes of arc, which is also the least count of the veriners of the lat.and decl.arcs.

The instrument was examined, tested on the true meridian at Phoenix, found correct and approved by the Surveyor Coneral for Arizona.

I examine the adjustments of the transit and find them correct; them to test the solar appratus by comparing its indications resulting from a.m., and p m. observations, with a meridian established by polaris observatio I proceed as follows; -

At the standard cor. of secs.35 and 36, which is a store, arked and witnessed as described by the Surveyor General, 35°09'36"N. latitude; ,longitude 114°07 W.; I set off 16'13'S. on the decl.arc; 35°09 L.M. on the lat.arc and at 4h 00m.; P.m.; l.m.t.; determine a meridian with the solar and mark a point thereof by a cross on a rock firmly set in the ground, 5chs. N. of the cor.

At 10 h 26m.,p.m.,l.m.t.,I observe polaris at western elongation in accordance with the Manual of Inst-rustions, and mark a point in the line thus determined on a peg driven in the ground, 5chs. N. of my station. February.4:1910'

February 5; At 7h.30m, A.m., 1.m.t., I hay off the azimuth of polaris, 1°26' to the E., and mark a point in the meridian thus determined by a small cross on the r rock set February 4, on which the meridian coincides with

the meridian established by solar observations.
At 8h.00m.,a.m.,l.m.t.,I set off 16°01'S. on the decl 35°092'N. on the lat.arc and determine a meridian with the solar, marking a point thereof by a groove on the stone, already set 5chs. N. of my station, which meridian coincides with the meridian established by polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic decl. of the true meridian at 8h.00m., a.m., i.m.t., is \$15°08'W.; the angle thus determined gives the mag. decl. as 15°08'E.

Thence I run

M 0 01'W. bet.secs.35 and 36.

slowly descend thru dense underbrush.

wash, 20 lks. wide, course w.

wash, 20 lks. wide, course w.

Set a malpais stone, 18X10X10ins., 12ins.in the ground, for \(\frac{1}{4} \) sec. cor., marked \(\frac{1}{4} \) on \(\frac{1}{4} \) face; dig pits, 18X18X12ins. M. and S. of stone, 3ft. dist.; and raise a mound of earth, 31 ft.base, 12 ft.high, w. of cor. Wash, 50 lks.wide, course w. wash, 15 lks.wide, course Sw.

54.25

56.95

Along road, 76.00

Leave road, bears S. and NE. 78.00

Set a malpais stone, 20x8x6ins., 15ins. in the ground, for cor. of secs.25,26,35 and 36, marked with 1 notch on S.and E.edges; and raise a mound of stone, 2ft.base, 1 ft. high, w. of cor. Pits impraticable.

Land, level.

Soil, gravebly; 2nd rate.

No timber

Underbrush, greasewood, sage and cacti.

Land covered with dense underbrush, 80.00 chs.

27.40 33.40 40.00

80.00

2

172

Subdivision of Tp.2 N., Rg. 18 West. chains. Thence I run East on random line bet. secs. 25 and 36. Set temp. 1 sec. cor. Intersect the E.bdy. of Tp.13 lks. S. of the cor. of secs. 40.00 79.90 25.30,31 and 36. Thence I run S 89° 54'W. on true line bet.secs.25 and 36. Aresond over loose malpais rocks exceptionally difficult to walk over thru dense underbrush.

Be Set a malpais stone 1888861ns. 121ns.in the ground.

for t sec. cor. marked ton N. face; and raise a mound of 39.95 stone, 2ft. base, 14ft. high, N. of cor. Pits impraticable. Wash, 20 lks. wide, course SW. Over loose rocks ery diffi-68.85 cult to walk over. Telephone line bears N.and S. 70.53 71,00 Wash, 40 lks, wide course S. Over loose rocks very diff-Ltab and Arizona Ry. track, bears N. and S. 71.37 73.50 Wash 35 1ks wide course Sw. Asc steep slope over loose Tooks Top of ridge, bears N. and S. Desc. steep slope over loose 76.00 rocks. 79.42, Road, bears N.and S. 79.90 The cor. of sec.s 25,26,35 and 36. Land, mountainous. Soil, rocky; 4th rate. No timber. Underbrush, greasewood, and cacti. Mounatinous land covered with loose rocks very difficult to walk ove and dense underbrush, exceptionally difficult to survey, 79.90 chs. At this cor. I set off 15°59'S. on the decl.arc and observe the sun on the meridian at noon; the resulting lat. is 35°10 'N. Thence I run N 0°01 W. bet.secs.25 and 26. Over level land covered loose rocks and dense underbrush. Road, bears W. and S. 12.80 Center of By track, beard NW. and SE. 17.85. Telephone, line, bears NW. and SE. Wash, 30 1ks. wide, course SW. Over loose rocks. 19.55 30.45 Set a malpais stone, 24X8X6ins., 18ins.in the ground, for 40.00 $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on W.face; and raise a mound of stone, 2ft.base, $1 \neq ft.high$, W. of cor. Pits impraticable. Wash, 40 lks. wide, course SW. Over loose rocks. Set a malpais 18X8X8inst., 12ins.in the ground, for cor. 69.70 80.00 of secs.23,24,25 and 26, marked with 2 notches on S.and 1 notch on E.edge; and raise a mound of atone, 2ft. base 1 ft.high, W. of cor. Pits impraticable. Land, level. Soil, rocky; 3rd rate. No timber. Underbrush, greasewood, sage and cacti. Land covered with loose rocks and dense underbrush, 80.00 chs. Thence I run N 89°54'E. on random line bet.secs.24 and 25. 40.00 Set temp. $\frac{1}{4}$ sec.cor. Intersect the E.bdy.of Tp.13 lks.S. of the cor. of secs 80.16 19,24,25 and 30. Thence I run S 89'48'w. on true line bet. secs. 24 and 25. Descending over loose rocks very difficult to walk over thru dense underbrush, Wash, 30 lks. wide, course SW. Over loose rocks yery 29.50 difficult to walk over. 39.17 Wash, 30 lks. wide, course SW. Over loose rocks very

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Subdivision of Tp.2| N. Rg. 18 West.
chains.
          difficult to walk over.
          set a malpais stone.18x8x8ins.,12ins.in the ground, for
40-08
           sec. cor., marked \frac{1}{4} on N. face; and raise a mound of ston
          2ft.base,12 ft.high.H. of cor. Pits impraticable.
40.55
          Wash, 40 lks. wide, course SW. Over loose rocks very
          difficult to malk over.
          Wash, 30 1ks. wie, course SW. Over loose rocks very
45.65
          difficult to walk over.
          Wash, 15 1ks. wide, course Sw. Over loose rocks very
59.00
          difficult to walk over.
          Wash, 20 1ks. wide, course SW. Over loose rocks very
72.20.
          difficult to walk over.
          The cor. of secs.23,24,25 and 26.
80.16
              Land . mountainous .
              Soil, rocky; 3rd rate.
              No timber.
              Underbrush, greasewood, sage and dense cacti.
              Mountainous land covered with loose rocks very diff-
          icult to walk over and dense underbrush, exceptionally
          difficult to survey, 80.16 chs.
                                                   February 5,1910.
                                                                   , Set off
          February 6; At 8h 00m.,a.m.,1.m.t.,15°42½'S.,on the decl.arc; 35°11½'N. on the lat.arc and determine a
         meridian with the solar at the cor. of secs.23 24,25
          and 26.
             Thence I run
             N 0°01'W. bet.secs.23 and 24.
             Over rolling land covered with loose rocks thru
          dense underbrush.
          Wash, 20 lks. wide, course SW. Over loose rocks.
12.00
          Wash, 30 lks. wide, course Sw. over loose rocks.
23.50
         Set a malpais stone, 24X12X6ins., 18ins.in the ground, for \frac{1}{4} sec. cor., marked \frac{1}{4} on W. face; and raise a mound of stone, 2ft. base, 1\frac{1}{2} ft. high, W. of cor. Pits impraticable.
40.00
         Wash, 20 lks. wide, course SW. Over loose rocks. Wash, 10 lks. wide, course SW. Over loose rocks. Wash, 15 lks. wide, course SW. Over loose rocks.
41.20
43.30
52.60
          Wash, 25 lks. wide, course Sw. Over loose rocks.
55.60
          Wash, 10 lks. wide, course Sw. Over loose rocks.
66.00
67.75
         Old road, bears NE. and SW.
          Wash, 15 lks. wide, course Sw.
68.85
          Wash, 15 lks.wide, course SW. Wash, 15 lks.wide, course SW.
75.30
79.70
80.00
             Set a malpais stone, 18x8x6ins., 12ins.in the ground,
          for cor. of secs.13,14,23 and 24, marked with 3 notches
          on S.and 1 notch on E.edge; dig pits, 18x18x12ins.,
          in each sec. 5 ft.dist.; and raise a mound of earth, 4ft.base, 2ft.high, w. of cor.
             Land, rolling.
             Soil, rocky; 3rd rate.
             No timber.
             Underbrush, greasewood, sage and cacti.
             Land covered with loose rocks and dense underbrush,
         80.00 chs.
             Thence I run
             N 89°48'E. on random line bet.secs.13 and 24.
40.00
         Set temp. 1 sec. cor.
Intersect the E.bdy. of the Tp. 9 lks. N. of the cor. of
80.20
         secs.13,18,19 and 24.
             Thence I run
             5 89°52'W. on true line bet.secs.13 and 24.
             Descand steep slope over loose rocks and boulders,
          thru dense underbrush.
         Wash, 40 lks. wide, course, S. Asc. over loose rocks. Wash, 15 lks. wide, course S. Asc. steep slope over loose
11.40
21.55
         rocks.
25.00
         Top of ridge, bears NE. and SW. Desc. steep slo e over
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Subdivision of Tp. 24 N., Rg.18 West.

chains.	
	loose rocks.
30.00	Wash, 15 1ks. wide, course S. Over loose rocks very diffi-
	cult to walk over.
40.10	set a malpais stone, 24X8X6ins., 18ins.in the ground,
	for \(\frac{1}{4}\) sec.cor., marked \(\frac{1}{4}\) on N.face; and raise a mound
	of stone, 2ft. base, 11ft. high, N. of cor. Pits impraticable
56.20	Wash, 20 lks. wide, course SW. Over loose rocks
62.20	Old road, bears NE. and Sw.
66.70	Wash, 15 lks. wide, course sw. Over loose rocks very diff-
	icult to walk over.
74.75	wash, 20 lks. wide, course Sw. Over loose rocks, very diff-
	icult to walk over.
78.20	wash, 15 lks. wide, course Sw. Over loose rocks very
	difficult to walk over.
80.20	The cor. of secs.13,14,23 and 24.
	Land, mountainous.
	Soil, rocky; 4th rate.
9	No timber.
	Underbrush, greasewood, sage and cacti.
	Mountainens land covered with loose rocks very diff-
	icult to walk over and dense underbrush, exceptionally
- 10	difficult to survey, 80.20 chs. At this cor. I set off15°41'S. on the decl. arc and
	observe the sun on the meridian at noon; the resulting
	lat.is 35°12'N.
	1at.18 33 12 N.
	Thence I run
	N 0°01 W. bet. secs. 13 and 14.
	Over rolling land thru dense underbrush.
8.80	Wash, 20 1ks. wide, course SW.
15.80	Wash, 75 lks. wide, course SW.
22.35	Wash, 50 1ks. wide, course SW.
23.75	Same wash, course SE.
28.00	Wame wash.50 lks.wide.course SW.
40.00	set a malpais stone, 18x10x6ins., 12ins.in the ground
	for 1 sec. cor., marked 1 on W. face; dig pits, 18X18X121ns.
	N. and S. of stone, 3ft. dist.; and raise a mound of earth
	3/ft.base,1/2 ft.high, W. of cor.
43.75	wash, 20 lks. wide, course SW.
46.30	wash, 15 lks. wide, course SW.
52.55	Wash, 15 lks. wide, course SW.
60.65	wash, 15 lks. wide, coursd SW.
75.90	wash, 15 lks. wide, course Sw.
80.00	Set a malpais stone, 24x18x8ins., 18ins.in the ground, for
	cor. of secs.11,12,13 and 14., marked with 4 notches on
	s. and 1 notch me E, edge; dig pits, 18x18x12ins., in each
•	seo, 5 ft. dist.; and raise a mound of earth, 4ft. base,
1	2ft.high, w. of cor.
	Land, rolling.
	Soil, rocky; 3rd rate.
-	No timber.
	Underbrush, greasewood, sage and cacti. Land covered with dense underbrush, 80.00 chs.
	February 6,1910.
	robaucay og statte
	·
	February 7; At 8h.00m.,a.m.,l.m.t.,I eet off 15°24'
	s. on the decl.arc; 35°13'N. on the datl.arcand determine
	a meridian with the solar at the cor. of secs.11,12,
,	13 and 14.
	Thence I run
	% 89°52'E. on random line bet.secs. 12 and 13.
40.00	Set temp. 1 sec. cor.
80.28	Intersect the E. bdy.of Tp.9 lks.N. of the cor. of secs.
	7,12,13 and 18.
j 1	Thence I run
,	8 89°56'w. on true line bet.secs.12 and 13.

5

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Subdivision of Tp.21 N., Rg. 18 West.
chains.
          Descend over loose rocks thru dense underbrush. Wash, 10 lks. wide, course SW. Over loose rocks.
 1.20
          Wash, 15 1ks. wide, course SW. Over loose rocks.
17.00
30.15
          Wash, 15 1ks. wide, course SW. Over loose rocks.
37.50
          Wash, 15 lks. wide, course SW. Over loose rocks.
          Set a malpais stone, 20x8x6ins., 15ins. in the ground, for \frac{1}{4} sec. cor., marked \frac{1}{4} on N. face; and raise a mound of stone, 2ft. base, 1\frac{1}{2} ft. high, N. of cor. Pits impraticable.
40.14
          Wash, 10 lks. wide, course Sw. Over loose rocks.
40.80
44.00
          Wash, 15 lks. wide, course SW. Over loose rocks.
          Wash, 10 lks. wide, course Sw. Over loose rocks.
46.00
          Wash, 20 lks. wide, course Sw. 0 er loose rocks.
52.80
71.40
          Wash, 100 lks. wide, course SW.
75.85
          Wash, 30 lks. wide, course S.
          The cor. of secs, 11, 12, 13 and 14.
80.28
              Land, rolling.
              Soil rocky; 3rd rate.
              No timber.
              Underbrush, greasewood, catclaw, sage and cacti.
              Rolling land covered with loose rocks and dense und-
          erbrush,80.28 chs.
              Thence I run
              N 0°01'W. bet.secs.ll and 12.
Over rolling land covered with an exceptionally dense
          growth of cacti, very difficult to chain thru.
10.15
          Wash, 50 lks. wide, course SW.
18.38
          Road, Kingman to Union Pass, bears F. and W.
29,15
          Wash, 15 1ks. wide, course SW.
          Wash, 15 lks. wide, course SW.
36.20
40.00
          Set a malpais stone, 18X8X6ins., P2ins.in the ground, for
          51.70
59.10
          Wash, 10 lks. wide, course SW.
          Wash, 40 lks. wide, course SW.
63.45
80.00
              Set a malpais stone, 20x8x8ins., 15ins.in the ground.
          for cor. of secs.1,2,11 and 12, marked with 5 notches on S. and 1 notch on E. edge; dig pits,18x18x12ins., in each sec. 5 ft. dist.; and raise a mound of earth,4ft.base,
          2ft.high, w. of cor.
              Land, rolling.
              soil, rocky; 3rd rate.
              No timber.
              Underbrush, greasewood and cacti.
              Rolling land covered with exceptionally dense cacti
          very difficult to chain thru, exceptionally difficult to
          survey,80.00 chs.
              At this cor. I set off 15^{\circ}20^{1}_{2}'s. on the decl. arc
          and observe the sun on the meridian at noon; the resulting lat.is 35°14'N.
              Thence I run
              N 89°56'E. on random line bet.secs.1 and 12.
          Set temp. 1/4 sec. cor. Intersect the E. bdy.of Tp.91ks.N. of the cor. of secs
40.00
80.32
          1,6,7, and 12.
              Thence I run
              West on true line bet.secs.1 and 12. Over rolling land thru dense underbrush.
 6.80
          Wash, 15 1ks. wide, course SW.
          Road, Kingman to Chloride, bears NW. and SE.
10.01
          Wash, 15 lks. wide, course SW.
24.70
          Wash, 30 lks. wide, course S.
35.10
          Wash, 10 lks. wide, course S.
39.10
          Set a malpais stone, 18X10X6ins., 12ins.in the ground, for 1 sec. cor., marked 1 on N.face; dig pits, 18X18X12ins. E. and W. of stone, 3ft. dist.; and raise a mound of earth
40.16
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Subdivision of Tp.21 N., Rg.18 West.

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CHAINS
          3/2ft.base, 1/2 ft.high, N. of cor.
          Wash, 50 lks. wide, course SW.
48.70
          Wash, 15 lks. wide, course SW.
58.20
          Wash, 20 lks. wide, course SW.
67.40
          The cor. of secs.1,2,11 and 12.
80.32
              Land, rolling,
              Soil, stony, 3rd rate.
              No timber.
              Underbrush, greasewood, catclaw, sage and cacti.
              Land covered with dense underbrush, 80.32 chs.
              Thence I run
              N 0°01'W. on random line bet. secs. 1 and 2.
          set temp. 1 sec. cor. Intersect the N. bdy. of Tp. 14 lks. w. of the cor. of secs.
40.00
80.18
          1,2,35 and 36,
                              reestablished by me.
              Thence I run
               S 0.05 w. on true line bet. secs. 1 and 2.
               Over rolling land covered with loose rocks thru dense
          underbrush.
           wash, 30 lks. wide, course Sw. Over loose rocks.
5.45
           Road to chloride, bears NysandSSE.
10.31
           wash,15 lks.wide,course Sw. Over loose rocks.
10.71
           Wash, 25 lks. wide, course SW. Over loose rocks. Wash, 20 lks. wide, course SW. Over loose rocks.
18.00
22.20
           Wash, 15 1ks. wide, course Sw. Over loose rocks.
36.80
          Set a malpais stone, 18x8x6ins., 12ins.in the ground, for \( \frac{1}{4} \) sec.cor., marked \( \frac{1}{4} \) on W.face; and raise a mound of stone, 2ft.base, 1\( \frac{1}{4} \) ft.high, W. of cor. Pits impraticable. Wash, 15 lks. wide, course SW. Over loose rocks. Wash, 15 lks. wide, course SW. Over loose rocks.
40.18
41.70
69.55
           The cor. of secs.1,2,11 and 12.
80.18
               Land, rolling.
               Soil, rocky; 3rd rate.
               No timber.
               Underbrush, greasewood, sage and cacti.
               Land covered with loose rocks and dense underbrush,
           80.18 chs.
                                                       February 7,1910.
              February 8; At 8h.00m.,a.m.,l.m.t.,I set off 15°05' on the decl.arc; 35°09½'N./on the lat.arc and deter
           mine a meridian with the solar at the standard cor. of
           secs. 34 and 35, which is a stone, marked and witnessed
           as described by the Surveyor General.
               Thence I run
               N 0°01'W.bet.secs.34 and 35.
               Over level.land.
           Wash, 40 lks. wide, course SW. Thru dense underbrush
17.45
           wash, 40 lks. wide, course w.
19.00
               set a malpais stone, 18 x10 x6 ins., 12 ins in the ground,
 40.00
           for \( \frac{1}{4} \) sec. cor., marked \( \frac{1}{4} \) on w.face; dig pits, 18 X18 X12 ins. N. and S. of stone, 3ft. dist.; and raise a mound of earth, \( 3\frac{1}{2} \) ft. hase, \( 1\frac{1}{2} \) ft. high, w. of cor.
           Wash, 10 lks. wide, course w.
 48.20
           Wash, 15 lks. wide, course W.
 51.55
               Set a malpais stone, 18 x8 x6 ins., 12 ins. in the ground,
 80.00
           for cor. of secs. 26,27,34 and 35, marked with 1 notch on
            S.and 2 notches on E.edge; and raise a mound of earth,
            4ft.base,2ft.high, W. of cor.
                Land, level.
               Soil, gravelly; 2nd rate.
               No timber.
               Underbrush, grease wood and cacti.
                Land covered with dense underbrush, 62.55 chs.
                Thence I run
               East on random line bet.secs.26 and 35.
            Set temp. 1 sec. cor.
 40.00
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	Subdivision of Tp.2 N. Rg. 18 West.
chains. 80.18	Intersect the N.and S. line, 41ks.S. of the cor. of secs 25,26,35 and 36.
·	Thence I run S 89°58'W. on true line bet.secs.26 and 35.
40.09	Over level land thru dense underbrush. Set a malpais stone, 18X10X5ins., 12ins.in the ground,
-	for 1 sec.cor., marked 1 on N.face; dig pits, 18X18X12ins. E. and W. of stone, 3ft. dist.; and raise a mound of earth,
42.25	3½ ft.base, l½ ft.high, N. of cor. Wash, 15 lks.wide, course S.
46.40 80.18	Wash, 15 lks. wide, course S. The cor. of secs. 26, 27, 34 and 35. Land. level.
	Soil, sandy and grayelly; 2nd rate.
	Underbrush, greasewood, sage and cacti. Land covered with dense underbrush, 80.18 chs.
	Thence I run N 0°01'W. bet, secs. 26 and 27.
40.00	Over level land thru dense underbrush,
40.00	set a malpais stone, 18X8X8ins., 12ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W.face; dig pits, 18X18X12ins., W. and S. of stone, 3ft. dist.; and raise a mound of earth,
F7 70	3½ ft.base, 1½ ft.high, w. of cor.
53.30 56.00	Wash, 20 lks. wide, course w. Wash, 10 lks. wide, course w.
80.00	Falls in a wash, 40 lks.wide, course Sw. N 0°01'w. 0.40 chs.from true point for cor. of secs. 22, 23, 26 and 27, I
	set a malpais 15x10x8ins., 10ins.in the ground, for witness cor. to cor. of secs. 22, 23, 26 and 27, marked
	WC on NE.face, with 2 notches on S.and E.edges; dig pits, 18X18X12ins., NW., NE., SW., and SE.of stone, 5 ft. dist.;
	and raise a mound of earth, 4ft. base, 2ft. high, w. of cor.
	S 89°57'W. 50 lks., from true point for cor. I set a malpais stone, 18x10x6ins., 12ins. in the ground, for witness cor. to cor. of secs. 22, 23, 26 and 27, marked
	WC on NE.face, with 2 notches on S.and E.edges; and raise a mound of stone, 4ft.base, 2ft.high, W. of cor.
	Land, level. Soil, gravelly; 2nd rate.
	No timber. Underbrush, greasewood and cacti.
	Land covered with dense underbrush, 80.00 chs. At this cor. I set off 15°03½'S. on the decl. arc and
	observe the sun on the meridian at noon; the resulting lat.is 35'llb'N.
	Thence I run N 89°58'E. on random line bet.secs.23 and 26.
40.00 80.12	Set temp. 1/4 sec. cor. Intersect the Wrand, St. hine; 2.1ks. S. of the cor. of
	secs.23,24,25 and 26. Thence I run
	s 89°57'w. on true line bet.secs.23 and 26.
25,50	Slowly descend thru dense underbrush. Telephone line bears N.and S.
26.12 31.70	Center of Ry. track, bears N. and S. Road, bears N. and S.
40.06	Set a malpais stone, $15\times10\times8$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; dig pits, $18\times18\times12$ ins.
	F. and W. of stone, 3ft. dist.; and raise a mound of earth, 3th, base, 1th, high, N. of cor.
51.15 54.00	Wash, 10 lks. wide, course SW. Wash, 20 lks. wide, course SW.
74.20	Wash, 15 1ks. wide, course SW. Same wash. course NW.
80.12	The true point for cor. of secs.22,23,26 and 27. Land.level.

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Subdivision of Th. 21 N. Rg. 18 West.
chains.
             Soil, sandy; 2nd rate.
             No timber.
             Underbrush, greasewood, sage and cacti.
             Land covered with dense underbrush, 80.12 chs.
             Thence I run
             N 0°01'W. bet.secs.22 and 23mfrom true cor.point.
          Wash, 30 lks. wide, course SW.
11:90
          S. end of a malpais ridge, bears E. 25.00 chs.
35.00
          Set a malpais stone, 18x7x6ins., 12ins.in the ground, for a sec cor., marked a on W.face; dig pits, 18x18x12ins., N. and S. of stone, 3ft.dist.; and raise a mound of earth 3 ft.base, 1 ft.high, W. of cor.
40.00
62.85
          Wash, 50 lks. wide, course SW.
65.00
          N. end of malpais rideg, bears E. 15 chs.
78.00
          Wash, 35 lks. wide, course SW.
80.00
                           malpais stone, 18X7X7ins., 12ins.in the
              Set a 🗆
          ground, for cor. of secs. 14, 15, 22 and 23, marked with 3
          notches on S. and 2 notches on E. edge; and raise a mound
          of earth, aft. base, 2ft. high, W. of cor.
             Land, level.
             Soil, rocky and gravelly: 2nf rate.
             No timber.
             Underbrush, greasewood, sage and cacti.
             Land covered with dense underbrush, 80.00 chs.
                                                  February 8;1910.
             February 9;nAt 8h.00m.,a.m.,l.m.t.,I set off 14°46' √
          S. Mn8the declears #8512in. on the late are and deter-
          mine a meridian with the solar at the cor. of secs.
          14,15,22 and 23.
             Thence I run
             N 89°57'E. on random line bet.secs.14 and 23.
          Set temp. 1 sec. cor.
Intersect the N. and S. line 13 lks. N. of the cor. of
40.00
80.10
          secs.13,18,23 and 24.
             Thence I run
             N 89° 57'W. on true line bet.secs.15 and 23.
             Over rolling land thru dense underbrush.
          Wash, 10 1ks. wide, course SW.
 2.55
18.85
          Wash, 150 lks. wide, course SW.
30.15
          Wash, 15 1ks. wide, course SW.
         Set a malpais stone, 18X12X10ins., 12ins.in the ground, for \( \frac{1}{4} \) sec.cor., marked \( \frac{1}{4} \) on N.face; dig pits, 18X18X12ins. E.and W. of stone, 3ft.dist.; and raise a mound of earth,
40.05
         Seft.base, 12 ft. high, W, of cor.
45.45
         Wash, 15 1ks. wide, course SW.
         Telephone line, bears N. and S. Center of Ry track, bears N. and S.
46.25
47.04
47.38
         Road, bears N. and S.
54.00
         Wash, 40 lks. wide, course sw.
         wash, 20 lks. wide, course sw.
79.00
80.10
         The cor. of secs. 14,15,22 and 23,
             Land, rolling.
             Soil, gravelly; 2nd rate.
             No timber.
             Underbrush, greasewood, sage and cacti.
             Land covered with dense underbrush, 80.10 chs.
             Thence I run
             N 0°01'W. bet.secs.14 and 15.
             Over rolling land thru scattering underbrush.
         wash, 20 lks. wide, course Sw.
16.50
         set a malpais stone, 18x8x6ins., 12ins.in the ground, for sec. cor., marked \( \frac{1}{2} \) on W.face; dig pits, 18x18x12ins.,
40.00
         N. and S. of stone, 3ft. dist.; and raise a mound of earth 3 ft, base, 1 ft. high, w. of cor.
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Subdivision of Tp.21 N., Rg. 18 West.

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of the Police
42.00
          Wash 15 1ks.wide, course SW.
          wash,15 lks.wide,course SW.
56.75
60.45
          Wash, 15 lks. wide, course SW.
70.85
          Wash, 25 lks. wide, course SW.
76.75
          wash, 20 lks. wide, course SW.
80.00
              Set a malpais stone, 15x10x10ins., 10ins. in the ground,
          for cor. of secs.10,11,14 and 15, marked with 4 notches
          on S., and 2 notches on R .edge; dig pits, 18x18x12ins.,
          in each sec. 5 ft.dist.; and raise a mound of earth, 4ft.base, 2ft high, w. of cor.
             Land, rolling.
             Soil, sandy; 2nd rate.
             No timber.
             Underbrush, grease wood and cacti.
             Thence I run
             S 89°57'E. on random line bet.secs.11 and 14.
          Set temp. 1 sec. cor. Intersect the N. and S. line 18 lks. S. of the cor. of
40.00
80.12
          secs.11,12,13 and 14.
             Thence I run
             S 89°55'W. on true line bet.secs.11 and 14.
         Over rolling land thru dense underbrush. Wash.10 lks.wide, course SW. Wash,75 lks.wide, course SW,
 5.90
14.00
17.70
          Wash, 15 lks. wide, course SW.
20.55
          Wash, 15 lks. wide, course SW.
23.85
          Wash, 20 lks. wide, course SW.
35.75
          Wash, 25 lks. wide, course SW.
40.06
         Point for \(\frac{1}{4}\) sec. cor falls in wash, 25 lks. wide, course SW.
         , set a malpais stone; 18 x8 x6 ins., 12 ins. in the ground, for
40.26
         witness cor. to 1 sec. cor., marked WC 1 on N.face; dig
          pits, 18x18x12ins., E. and W. of stone, 3ft. dist.; and raise
          a mound of earth, 31 ft. base, 12 ft. high, N. of cor.
66.10
          Telephone line, bears N. and S.
66.89
          center of Ry track, bears N. and S.
          Road, bears M. and S.
67.90
          The cor. of secs.10,11,14 and 15,
80.12
             Land, rolling.
             Soil, sandy; 2nd rate.
             No timber.
             Underbrush, greasewood, sage and cacti.
         Land covered with dense underbrush, 80.12 chs.
At this cor. I set off 14°44. S. on the decl. are and observe the sun on the me idian at noon; the
          resulting lat.is 35°13'N.
             Thence I run
             N 0°01'W. bet.secs.10 and 11.
             Over rolling land thru dense underbrush,
         Unoin station bears E.; on Ry.
22.00
          Wash, 15 lks. wide, course SW.
24.00
25.58
          Road, bears E. and W.
36.56
          Wash, 50 lks. wide, course SW.
         Set a malpais stone, 18X8X6ins., 12ins.in the ground, for \( \frac{1}{2} \) sec.cor., marked \( \frac{1}{2} \) on W.face; dig pits, 18X18X12ins. W. and S. of cor., and raise a mound of earth, 3\( \frac{1}{2} \) ft. base,
40.00
          1 ft. high, w. of cor.
          center of Utah and Arizona Ry, bears NNW. and SSE.
68!45
72.61
          Telephone line, bears NNW. and SSE.
80.00
          set a granite stone, 20 X8 X6 ins., 15 ins. in the ground, for
          cor. of secs. 2,3,10 and 11, marked with 5 notches on S.
          and 2 notches on E.edge; dig pits, 18 X18 X12 ins., in acach
          sec. 5\frac{1}{2} ft.dist.; and raise a mound of earth, 4ft. base, 2
          ft.high, w. of cor.
             Land, rolling.
             soil, sandy; 3rd rate.
             No timber.
             Underbrush, greasewood, sage and cacti.
             Land covered with dense underbrush, 80.00 chs.
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Subdivision of Tp.21 N., Rg.18 West

	Subdivision of Tp.2! N., Rg. 18 West.
chains.	
	Thence I run
	N 89°55'E. on random line bet. secs. 2 and 11.
40.00 80.16	set temp. 1/4 sec. cor. Intersect the N. and S. line 11 lks. N. of the cor. of sec
80.19	1,2,11 and 12.
	Thence I run
	west on true line bet.secs.2 and 11.
37 55	Over rolling land thru dense underbrush. Wash, 15 lks. wide, course SW.
11.55 36.70	Wash, 10 lks. wide, course SW.
40.08	set a malpais stone, 18x10x12ins., 12ins.in the ground,
	for 1 sec.cor., marked 1 on N. face; dig pits, 18x18x12ins.
	E.and W. of stone, 3ft. dist.; and raise a mound of earth 3ft. base, 1ft. high, N. of cor.
51.05	Wash, 40 lks. wide, course SW.
60.20	Wash, 15 lks. wide, course Sw.
67.90 77.50	Wash, 40 lks. wide, course SW. Wash, 25 lks. wide, course SW.
80.16	The cor. of secs.2,3,10 and 11.
	Land, rolling.
	Soil, sandy; 2nd rate. No timber.
	Underbrush, greasewood, saga and cacti.
Capital Contains a significant of the Capital Contains a significant o	Rolling land covered with dense underbrush, 80.16 chs.
	Thence I run
	N 0°01'W. on random line bet.secs.2 and 3.
40.00	Set temp. 1 sec. cor.
80.10	Intersect the N.bdy.of Tp.18 lks.W. of the cor. of secs.
	2,3,34 and 35. Thence I run
	g 0°07'w. on true line bet.secs.2 and 3.
	Over rolling land thru exceptionally dense cacti
4105	underbrush, very difficult to chain thru. Wash, 50 lks. wide, course SW.
4195 32.30	wash, 30 lks. wide, course Sw.
33.75	Wash, 25 lks. wide, course SW.
40.10	set a malpais stone, 18x6x6ins., 12ins.in the ground,
	for 1 sec. cor., marked 1 on W. face; dig pits, 18 Xk8 X12ins. N. and S. of stone, 3ft. dist.; and raise a mound of earth,
	3½ ft.base, 1½ ft.high, W. of cor.
52.80	Wash, 30 lks. wide, course Sw.
80.10	The cor. of secs.o2,3,10 and 11. Land, rolling.
4	Soil, sandy; 2nd rate.
	No timber.
, i	Underbrush, grease wood and cacti. Rolling land covered with exceptionally dense cacti
	underbrush, very difficult to chain thru, exceptionally
	difficult to survey, 80.10 chs.
F.	February 9,1910.
n managamente per	February 10; At 8h.00m.,a.m.,l.m.t.,I set off 14°27'
	S. of the decl.arc; 35°09 N. on the lat.arc and deter-
	mine a meridian with the solar at the standard cor. of secs. 33 and 34, which is a stone, marked and witnessed as
	described by the Surveyor General.
	Thence I run
	N 0°02'W. bet.secs.33 and 34. Over level land thru dense underbrush.
40.00	Set a malpais stone, 15x12x8ins., 10ins.in the ground,
	for 1 sec. cor., marked 1 on W.face; dig pits, 18x18x12ins.
	N. and S. of stone, 3ft. dist.; and raise a mound of earth,
60.00	3½ ft.base, l½ ft.high, w. of cor. Leave dense underbrush, bears E. and W.
80.00	set a malpais stone, 24x10x8ins., 18ins.in the ground, for
	cor. of secs. 27.28.33 and 34. marked with 3 notches on E.
-	and 1 notch on S. edge: and paissilaxiazins. anneach sec.
· · · · · · · · · · · · · · · · · · ·	Staft, ditt.; and raise a mound of earth, 4ft. base, 2ft.
	high.w. od cor

	Subdivision of Tp. 21 N Rg. 18 West.	
chains.		T
	high, w. of cor.	
	Land, level.	
	Soil, sandy; 3rd rate,	-
1	Underbrush, grease wood msage and cacti.	
	Land covered with dense under brush, 60.00 chs.	
	Heart of volume washes with the same of the same same same same same same same sam	-
	Thence I run	
	Fast bet.secs.27 and 34	
40.00	Set temp. \(\frac{1}{4} \) sec. cor.	
79.96	Intersect N. and S. line 9links S. of cor. secs. 26,27,34	-
	and 35. Thence I run	-
	S.89°56'W.on true line bet. secs.272nd 34.	
	Over level grassy plain.	
39.98	Set a malpais stone, 15x8x8ins., Ioins. in the ground	
	for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on north face; dig pits, 18x18x12	and another
	ins., E. and W. of stone, 3ft. dist.; and raise a mound of	
50.45	earth, 31 ft. base, 11 ft. high, N. of cor.	
79.96	Wash, 150 lks. wide, course SW. The cor. of secs. 27, 28, 33 and 34.	
70.50	Land, level.	
	Soil, sandy; 2nd rate.	-
	No timmer or underbrush.	
	Thence I run N 0°02'W, bet.secs. 27 and 28.	
	Over level land.	
40.00	Set a malpaia stone, 18X8X8ins., 12ins.in the ground, for	
20.00	1 sec. cor., marked 1 on W. face; dig pits, 18x18x12ins.,	
	N. and S. of stone, 3ft. 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 a malpais stone, 24X10X8ins., 18ins.in the ground,	
	for cor. of secs.21,22,27 and 28, marked with 2 notches	
	on S.and 3 notches on E.edge; dig pits, 18x18x12ins., in each secs 5 ft.dist.; and raise a mound of earth, 4ft.	-
	base, 2ft. high, w. of cor.	
	Land, level.	
	Soil, sandy; 2nd rate.	
	No tamber or underbrush.	
·	At this cor. I set off 14°25' S. on the decl. arc and	
	obserte the sun on the meridian at naon; the resulting	
	lat.is 35'113'N./	ĺ
	Thence I run	-
	N 89°56'E. on random line bet.secs.22 and 27.	į
40.00	Set temp. 4 sec. cor.	ĺ
79.90	Intersect the N.and S. line, 2 lks. M. of the cor. of secs. 22, 23, 26 and 27.	
	Thence I run	
	S 89 57 W. on true line bet.secs.22 and 27.	
	Over level land thru dense underbrush.	ĺ
0.50	Witness cor. to cor. of secs.22,23,26 and 27as previsi-	
2.65	ouly described.	
28.60	Wash, 15 1ks. wide, course SW. Wash, 30 1ks. wide, course SW.	ĺ
39.95	Set a malpais stone, 15x10x10ins, 10ins.in the ground,	!
	for \frac{1}{4} sec.cor., marked \frac{1}{4} on N.face; dig pits, 18X18X12ins.	
	E.and W. of stone, 3ft. dist.; and raise a mound of earth,	
50.00	3½ ft.base,1½ ft.high,N. of cor.	
56.80 64.00	Wash, 10 1ks. wide, course SW. Leave dense underbrush, bears N. and S.	
79.90	The cor. of secs.21,22,27 and 28.	
	Land, level.	
	Soil, sandy; 2nd rate.	
	No timber.	
	Underbrush, greasewood, and cacti.	
,	Land covered with dense underbrush, 64.00 chs.	

Subdivision of Tp.21 N., Rg.18 West.

	chains.		
		Thence I run	
		N 0°02'W. bet.secs.21 and 22.	
		Over level land c	
-	40.00	set a malpais stone, 18x10x8ins., 12ins.in the ground,	
	2000	for lesecofor .marked 1 on W.face; dig pits, 18X18X121ns.	
	The second secon	N. and S. of stone, 3ft. dist.; and raise a mound of earth	
		zl ft hase. 1 ft. high. W. of cor.	
	80.00	set a malpais stone, 18x10x10ins., 12ins. in the ground, for	
	80.00	cor. of secs.15,16,21 and 22, marked 21 N on NE., and	
		18 w on SE. face, with 3 notches on S. and E. edges; dig	
		pits, 18x18x12ins.in each sec. 5 ft. dist.; and raise a	
		mound of earth, 4ft. base, 2ft. high. w of cor.	
		Land, level.	
		Soil, sandy; 2nd rate.	
		No timber or underbrush.	
		O GIROUT OF MINOS DE COMP	
		Thence I run	
	1	N 89°57'E. on random line bet.secs.15 and 22.	
	40.00	Set temp. 1 sec. cor.	
	40.00	Intersect the N. and S. line 11 lks. N. of the cor. of	
	80.00	secs.14.15.22 and 23.	
		Thence I run	
		N 89°58'W. on true line bet.secs.15 and 22.	
		Over letel land thru dense underbrush.	
	7.70	Wash, 10 1ks. wide, course S.	
	17.80	Wash, 40 lks. wide, course S.	
	21.05	Wash, 10 1ks. wide, course S.	
	37.55	Wash, 10 lks. wide, course S.	ı
	40.00	Set a malpais stone, 15x10x8ins., 10ins, in the ground,	
	40.00	for 1 sec.cor., marked 1 on N.face; dig pits, 18X18X12ins	ı
		E. and W. of stone, 3ft, dist.; and raise a mound of earth,	
		3 ft.base, 1 ft.high, N. of cor.	
	56.00	Wash, 30 lks. wide, course S.	
	71.00	Leave dense underbrush, bears N. and S.	
	80.00	The cor. of secs.10,15,21 and 22	
	30.00	Land, level.	
		Soil, sandy; 2nd rate.	
		No timber.	
		Under brush, greasewood and cacti.	
		Land covered with dense underbrush,71.00 chs.	
		February 10,1910.	ĺ
			1
	;	February 11; At 8h.00m., a.m., l.m. t., I set off 14° 07½'	V
		s on th declare: 35 12 Won the lat.arc; and determine	
		a meridian with the solar at the cor. of secs. 15,16,	
		21 and 22.	
		Thence I run	
		N 0°02'W. bet.secs.15 and 16.	
		Over level land.	
	30.00	Thru dense underbrush, bears F. and W.	
	35.25	Wash 50 lks wide course SW.	
	40.00	Set a mainais stone. 158886ins 10ins. in the ground.	
	40.00	for I sec.cormarked + on W.face: dig pits, 18x18x12ins.	
		N.and S. of stone, 3ft. dist.; and raise a mound of earth,	
	-	3 ft.base, 1 ft. high, w. of cor.	
	41.85	Wash.15 1ks.wide.course Sw.	
	80.00	Set a malpais stone.18x8x5ins12ins.in the ground,	
		for cor. of secs. 9.10.15 and 16, marked with 4 notches	
		on the S.and 3 notches on the E.edge; dig pits, 18X18X12	
		ins., in each sec. 5 ft. dist.; and raise a mound of earth	1.
		4ft.base,2ft.high, W. of cor.	
	1	Land, level.	
		soil, sandy; 2nd rate.	
		No timber.	
		Underbrush, greasewood, sage and cacti.	
	Ì	Land covered with dense underbrush, 50.00 chs.	
	1		1

Subdivision of Tp.21 N., Rg.18 West. chains. Thence I run S 89°58'E. on random line bet.secs.10 and 15. Set temp. $\frac{1}{4}$ sec. cor. Intersect the N. and S. line 4 lks. S. of the cor. of secs 40.00 79.92 10,11,14 and 15, Thence I run. West on true line bet.secs.10 and 15. Over rolling land covered with dense underbrush. Wash, 15 lks. wide, course S. 11.65 19.70 Wash, 15 lks. wide, course S. Set a malpais stone, $18 \times 10 \times 6$ ins. in the ground, for $\frac{1}{4}$ secofor smarked $\frac{1}{4}$ on N. face; dig pits, $18 \times 18 \times 12$ ins 39.96 E. and W. of stone, 3ft. dist.; and raise a mound of earth 3 ft.base, l ft.high, N. of cor. wash, 40 lks.wide, course S. 67.20 69.25 Wash, 15 1ks. wide, course S. The cor. of secs. 9,10,15 and 16. 79.92 Land, rolling. Soil, gravelly; 2nd rate. No timber. Underbrush, grease wood, sage and cacti. Rolling land covered with dense underbrush, 79.92 chs. Thence I run N 0°02'W. bet.secs.9 and 10. Over rolling.land thru dense underbrush. Wash, 10 lks. wide, course SW. 16.00 31.25 Road to Kingman, bears E. and W. Set a malpais stone, 24X8X8ins., 18ins.in the ground, for ½ sec.cor., marked ½ on W.face; dig pits, 18X18X12ins.. N.and S. of stone, 3ft.dist.; and raise a mound of earth, 3½ ft.base, 1½ ft.high; W. of cor. Wash, 15 lks.wide, course SW. Wash, 15 lks.wide, course SW. 40.00 64.00 68.93 Set a malpais stone, 18X8X8ins., 12ins.in the ground, 80.00 for cor. of secs. 2,4,9 and 10, marked with 5 notches on S.and 3 notches on E.edge; dig.pits, 18x18x12ins.in each sec, 5 ft. dist.; and raise a mound of earth, 54 ft. base 2ft.high, W. of cor. Land, rolling. Soil, gravelly; 2nd rate. No timber. Underbrush, greasewood, sage and ascti. Rolling land covered with dense underbrush. It this cor. I set off 14°052'S. on the decl.arc and observe the su on the meridian at noon; the resulting lat.is 35°14'N. East on random line bet.secs.3 and 10. Set temp. \frac{1}{4} \text{ sec.cor.}

Intersect the M. and S. line 7 lks. M. of the cor. of secs 40.00. 79.98 2,3,10 and 11. Thence I run N 89° 57'W. on true line bet.secs. 3 and 10. Over rolling land thru dense underbrush. 1.39 Telephone line, bears N. and S. 2000 Wash, 10 lks. wide, course S. 2.18 Center of Railroad track, bears M. and S. 22.25 Wash, 45 lks. wide, course SW. Set a malpais stone, 18x6x5ins., 12ins.in the ground, for hesecocore; marked 4 on M. face; dig pits, 18x18x12ins. E. and W. of stone, 3ft. dist.; and raise a mound of earth 39.99 $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high, N. of cor. Wash, 30 lks. wide, course SW. Wash, 15 lks. wide, course SW. 40.50 70.00 The cor. of secs.3,4,9 and 10. 79.98 Land, rolling. Soil, gravelly; 2nd rate.

No timber.

	Subdivision of Tp.21 N Rg. 18 West.
chain	Underbrush, grease wood, sage and cacti. Rolling land covered with dense underbrush, 79.98 chs.
40.0 80.0	Intersect the N.bdy. of Tp. 4 lks. W. of the cor. of secs. 3,4,33 and 34, Thence I run South bet. secs. 3 and 4.
18.7 25.7 40.0	wash, 20 lks. wide, course SW. Set a malpais stone, 20x8x6ins., 15ins.in the ground, for large sec. cor., marked large on W. face; dig pits, 18x18x12ins., N. and S. of stone, 3ft. dist.; and raise a mound of earth
43.8 80.0	5 The cor. of secs. 3,4,9 and 10. Land, rolling.
	Soil, gravelly; 2nd rate. No timber. Underbrush, cacti. Rolling land covered with a dense gr wth of cacti, exceptionally difficult and slow to chain thru, exceptionally difficult to survey, 80.05 chs. February 11,1910.
40.0	for to be cocor marked to on W.face; dig pits, 18X18X12ins N. and S. of stone, 3ft. dist.; and raise a mound of earth, 3th. base, 1th ft. high, W. of cor.
59.5	
40.0	
36.' 39. ! 40.(Over level land thru dense underbrush. Wash, 30 lks. wide, course SW. Wash, 40 lks. wide, course S.

BOOK 2196 Subdivision of Tp.21 N., Rg. 18 West. chains. Erand Werofretone, 3ft. dist. p and raise a mound of earth, 31 ft.base, 11 ft.high, M. of cor. 55.00 Leave dense underbrush, bears M. and S. Enter dense underbrush, bears M. and S. 70.00 The cor. of secs.28.29,32 and 33. 80.14 Land.level. Soil, gravelly; 2nd rate. No timber. Underbrush, greasewood and cacti. Land covered with dense underbrush.65.14 chs. Thence I run N 0 02 W, bet. secs. 28 and 29. Over level land thru dense underbrush. Set a malpais stone, 15x8x6ins., 10ins.in the ground, for tosecoor., marked 1 on W.face; dig pits, 18x18x12ins N. and S. of stone, 3ft. dist.; and rasse a mound of earth 40.00 3 ft.base, 1 ft.high, W. of cor. 80.00 Set a malpais stone, 18X10X10ins., 12ins.in the ground, for cor. of secs. 20,21,28 and 29, mark d with 2 notches on S.and 4 notches on E.edge; aig pits, 18x18x12ins... in each sec. 5 ft. dist.; and raise a mound of earth, 4ft. base, 2ft. high. w, of cor. Land, level. soil, gravelly; 2nd rate. No timber. Underbrush, greasewood, sage and cacti. Land comered with dense underbrush, 80,00 chs. At this cor. I set off 13°45½'S. on the decl.arc and observe the sun on the meridian at noon; the resulting lat.is 35°11½'N. Thence I run N 89'57'M. on random line bet.secs.21 and 28. Set temp. 1/4 sec. cor. Intersect the N.and S. line 2 lks.N. of the cor. of secs 40.00 80.10 21,22,27 and 28. Thence I run S 89°58'W. on true line bet.secs.21 and 28. Over level land thru dense underbrush. Set a granite stone, 18X8X8ins., 12ins.in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; dig pits. 18X18X12ins. E. and W. of stone, 3ft. dist.; and raise a mound of earth, 40.05 3½ ft.base,1½ ft.high,N. of cor. 51.50 Wash, 60 lks. wide, course S. The cor. of secs.20,21,28 and 29. Land, level. 80.10 Soil, gravelly; 2nd rate. No timber. Underbrush, greasewood, sage and cacti. Land covered with dense underbrush, 80.10 chs. Thence I run N 0°02!W. bet.secs, 20 and 21; Over level land thru dense underbrush. Set a granite stone, $15\times10\times10$ ins., 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on w.face; dig pits, $18\times18\times12$ ims. N. and S. of stone, 3ft. dist.; and raise a mound of earth 40.00 31 ft.base, 12 ft, high, w. of cor. Wash, 20 lks. wide, course SE. 68.00

73.00 Wash, 20 lks. wide, course SE. Wash, 40 lks. wide, course SE.

80.00

set a granite stone,18X8X8ins..12ins.in the ground, for cor. of secs.16.17,20 and 21,marked with 3 notches on S. and 4 notches on E. edge; dig pits,18X18X12ins., in each sec.5 ft.dist.; and raise a mound of earth,

4ft.base,2ft.high,w. of cor. Land,level. Soil,gravelly; 2nd rate

Subdivision of Tp. 21 N., Rg, 18 West. chains. No timber. Underbrush, grease wood, same and cacti. Land covered with dense underbrush, 80.00 chs, Thence I run N 89°58'E. on random line bet.secs.16 and 21. Set temp. 4 sec. cor. Intersect the w.and S. line, 9 lks. N. of the cor. of secs 40.00 80.08 15,16,21 and 22. Thence I run N 89°58'W. on true line bet.secs.16 and 21. Over level land. 2.00 Thru dense underbrush, bears N, and S. 8.60 Wash, 35 lks. wide, course S. 36.65 Wash, 10 1ks. wide, course SW. Set a malpais stone, 15x10x5ins., 10ins.in the ground, for to seconor, marked to n. N. face; dig pits, 18x18x12ins. E. and W. of stone, 3ft. dist.; and raise a mound of earth 3th thase, 1th thigh, N. of cor. 40.04 49.10 Wash, 15 lks. wide, course S. 60.00 Wash, 20 lks. wide, course 5. 63.70 Wash, 10 lks. wide, course S. The cor. of secs. 16,17,20 and 21. 80.08 Land, level. Soil, gravelly; 2nd rate. No timber. Underbrush, greasewood, sage and cacti. Land comered with dense underbrush, 78.08 chs. February 12,1910. February 13; At 8h.00m., a.m., l.m.t., I set off 13°27½' s. on the decl.arc; 35°12'N./on the lat.arc and determin a meridian with the solar at the cor. of secs.16,17,20 and 21. Thence I run N 0°02'W. bet.secs.16 and 17. Over rolling land thru exceptionally dense cacti underbrush, very difficult to chain thru. Finter and along wash, crossing and recrossing same, 40 lks wide, c ourse SW. 8.50 Leave wash, comes from NE. 36.00 39.20 Wash, 150 1ks. wide, course SW. 40.00 Point for $\frac{1}{4}$ sec. cor. falls in wash. Set a malpais stone, 18X14X14ins., 12ins in the ground, for witness cor. to \(\frac{1}{2} \) sec. cor., marked WC \(\frac{1}{2} \) on W.face; dig pits, 18X18X12ins., N. and S. of stone, 3ft. dist.; and 40.50 raise a mound of earth, 3 ft.base, 1 ft.high, W. of cor. 65.00 Wash, 20 lks.wide, course SW. 80.00 Set a malpais stone, 20x10x10ins.; 15ins.in the ground, for cor. of secs.8,9,16 and 17., marked with 4 notches on S.and E.eages; dig pits, 18x18x12ins., in each sec., 52 ft.dist.; and raise a mound of earth, 4ft.base, 2ft. high, W. of cor. Land, rolling. Soil, gravelly; 2nd rate. No timber. Underbrush, exceptionally dense cacti. Rolling land covered with exceptionally dense cacti underbrush, very difficult and slow to chain thru, exceptionally difficult to survey, 80.00 chs. Thence I run S 89°58'E. on random line bet. secs. 9 and 16. 40.00 set temp. 4 sec. cor. 80.16 Intersect the M. and S. line, at the cor. of secs. 9,10, 15 and 16.

N 89'58'W. on true line bet.secs.9 and 16.

Thence I run

Tingota i grey

M P wet a letter to the K top o.

	•	Subdivision of Tp.21 N., Rg. 18 West.
	chains.	
		Thence I run N 0°02'W. on random line bet.secs.4 and 5.
	10.00	not town 1 app cor
	40.00	Intersect the N.bdy.of Tp.7 lks.W. of the cor. of secs
į	30.00	4,5,32 and 33.
-		Thence I run
		S 0.01'w. bet.secs.4 and 5. Over rolling land covered with exceptionally dense
		the semination of the seminated by the s
1	40.08	and a motion of other 18 YI (1861 IIBs all 1864 Bit 1865
	40.VO	TACA! OIF BLUB LOAD A WANTED A LAN W TACA! OIF BLUB LOAD ALAMAND!
		wand s. of stone. 3ft. dist.; and raise a mound of our my
		zł ft.base,lġ ft.high,₩. or cor.
	80.08	The cor. of sees. 4,5,8 and 9.
		Land, rolling. Soil, gravelly; 2nd rate.
		No timber.
		underhauch denge cacti.
	•	Rolling land covered with exceptionally dense cacti
		underbrush, very difficult and slow to chain thru, exceptionally difficult to survey, 80.08 chs,
		February 13,1910.
		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
		February 14; At 8h 00m., a.m., l.m.t., I set off 13°07\frac{1}{2}\dots S. on the decl.arc; 35°09\frac{1}{2}\dots\dots\dots\dots\dots\dots\dots\dots
		mine a meridian with the solar at the standard cos. Vi
		secs. 31 and 32. which is a stone, marked and witnessed as
		described by the Surveyor General.
		Theree I run
		N 0°03'W. bet.secs.31 and 32. Over rolling land covered with dense cacti underbrush
		many added out to and alow to chain thiu.
	40.00	got a mainate stone 187676ing .121ns.in the ground,
		for \(\frac{1}{4}\) sec. cor., marked \(\frac{1}{4}\) on W.face; dig pits, 18x18x12ins. N.and S. of the stone, 3ft. dist.; and raise a mound of
	~	
	80.00	and a mainage atone 2011 0110 118. 15118. 11 till givenu
	80.00	dem com of case 29,30.31 and 32.marked with I hotel on
		\cdot
		each sec. 52 ft. dist.; and raise a mound of earth, 4ft.
		bas ,2ft.high, w. of cor. Land, rolling.
		goil, gravelly; 2nd rate.
		no timber.
		Underbrush, dense cacti
		Rolling land covered with dense cacti underbrushvery difficult and slow to chain thru, exceptionally difficult
		to survey, 80.00 chs.
		to survey, so to succ
		Thence I run
		East on random line bet.secs.29 and 32. Set temp. 2 sec.cor.
	40.00	Intersect the N. and S. line 7 lks. S. of the cor. of
	.80.00	secs.28,29,32 and 33.
		Thence I run . S 89°57'W. on true line bet secs. 29 and 32.
		over rolling land thru dense underbrush.
	1.20	Wash.10 lks.wide.course S.
,	11.10	Work 75 1kg wide course 5.
	40.03	Set a malpa's stone, 18X10X61ns., 121ns. In the glound,
		E.and W. of stone, 3ft. dist.; and raise a mound of earth,
		31 ft.base.14 ft.h1gh, N. or cor.
	80.06	The cor. of secs.29,30,31 and 32.
		Land.rolling.
		Soil, gravelly; 2nd rate. No timber.
		The seminary of an englar of and and cacil.
		Rolling land covered with dense underbrush, 80.06 chs.

No timber.

Underbrush, dense cacti.

Rolling land covered with exceptionally dense cacti underbrush, very difficult and slow to chain thru, exceptionally difficult to survey, 80.08 chs.

Thence I run

S 89452'W, on random line bet.secs.19 and 30.

		Subdivision of Tp.21 N., Rg. 18 West.
	chains.	
	40.00	Set temp. 4 sec. cor.
	79.82	Intersect the W.bdy.of Tp.7 lks.S. of the cor. of secs.
į		19,24,25 and 30.
	~	Thence I run N 89°55'E. on true line bet.secs.19 and 30.
		Over rolling land covered with exceptionally dense
	1	cactiumderbrush, very difficult to chair thru.
	19.00	Leave dense cacti underbrush, bears M. and S.
	32.00	Thru exceptionally dense cacti underbrush, very difficult
		to chain thru.
	39.82	Set a malpais stone, 18X8X6ins., 12ins.in the ground,
		for \(\frac{1}{4}\) sec.cor., marked \(\frac{1}{4}\) on N.face; dig pits, 18X18X12
		ins., E. and . of stone, 3ft.dist.; and raise a mound of
		earth, 3 ft. base, 1 ft. high, N. of cor.
	79.82	The cor. of secs. 19,20,29 and 30.
		Land, rolling.
•		Soil, gravelly; 2nd rate.
		Underbrush, dense cacti.
		Rolling land covered with exceptionally dense cacti
		very fifficult and slow to chain thru, exceptionally
		difficult to survey, 66.82 chs.
		February 14,1910.
		February 15; At 8h.00m.,a.m.,l.m.tI set off12°47'S.
		or the decl.arc; 35°112'N. on the lat.arc and determine
		a meridian with the solar at the cor. of secs.19,20,
	497	29 and 30.
		Thence I run
		N 0°03'W. bet.secs.19 and 20. Over rolling land thru exceptionally dense cacti
		underbrush, very difficult to chain thru.
	40.00	set a granite stone, 18x8x6ins., 12ins.in the ground,
	40.00	for \(\frac{1}{4}\) sec.cor., marked \(\frac{1}{2}\) on \(\W\). face; dig pits, 18x18x12ins.
		N. and S. of stone, 3ft. dist.; and raise a mound of earth,
		31 ft.base, 11 ft.high, W. of cor.
	75.25	Wash, 20 1ks. wide, course SE.
	80.00	Set a granite stone, 15x12x10ins., 10ins.in the ground,
		for cor. of secs. 17,18,19 and 20, marked with 3 notches
		on S. and 5 notches on E. edge; dig pits, 18X18X12ins., in each sec. 5 ft. dist.; and raise a mound of earth,
		4ft.base,2ft.high, W. of cor.
		Land, rolling.
		Soil, gravelly; 2nd rate.
		No timber.
		Underbrush.dense cacti.
		Rolling land covered with exceptionally dense cacti
	, and a second	underbrush, very difficult and slow to chain thru, excep-
		tionally difficult to survey, 80.00 chs.
		Thence I run
		N 89'54'E. on random line bet. secs. 17 and 20.
•	40.00	set temp. 1 sec. cor.
	80.06	Intersect the N. and S. line 11 lks. N. of the cor. of
	80.50	secs.16,17,20 and 21.
		Thence I run
		g 89°59'w on true line bet. secs. 17 and 20.
		Over rolling land thru dense underbrush.
	2.60	Wash, 50 1ks. wide, course SE.
	40.03	Set a granite stone, 15x8x6ins., loins.in the ground,
		for 1 sec. cor., marked 1 on W.face; dig pits, 18x18x12ins. E. and W. of stone, 3ft. dist.; and raise a mound of earth,
		E.and W. or stone, Srt. dist.; and racke a mound of Garin, 31 ft. base, 14 ft. high, N. of cor.
	67.45	Wash, 100 1ks. wide, course S.
	80.06	
	30.00	Land, rolling.
		Soil, grayelly; 2nd rate.
		No timber.
		Underbrush, greasewood, sage and cacti.
		Rolling land covered with dense underbrush, 80.06 chs.

Subdivision of Tp.21 M., Rg. 18 West.

-		Subdivision of Tp.21 M., Rg. 18 West.
	chains	
		Thence I run
		5 89°55"W on random line bet.secs.18 and 19.
	40.00	Set temp. # sec. por.
	79.72	Intersect the W.bdy.of Tp.7 lks.N. of the cor. of secs.
	,	1 10 10 10 Mg 24.
		Thence I run
		N 89 52'E. on true line bet.secs. 18 and 19.
	2.80	Over rolling land thru dense underbrush.
	19.00	Wash, 20 1ks. wide, course SE.
	26.20	Wash, 10 lks. wide, course SE. Wash, 150 lks. wide, course S.
	39.72	Set a granite stone, 15x10x8ins., 10ins.in the ground
		for 1 sec. cor., marked 1 on N. face; dig pits, 18x18x12ins.
		E. and W. of stone, 3ft. dist.; and raise a mound of earth,
		32 ft.base, 12 ft.high; N. of cor.
	79.72	The cor. of secs.17,18,19 and 20.
	·	Land, rolling.
	٠	Soil, gravelly; 2nd rate.
		No timber.
		Underbrush, grease mood, sage and cacti.
		Rolling land covered with dense underbrush.
i		At this cor. I set off 12°45'S. on the decl. arc and
Ì		observe the sun on the meridian at noon; the resulting
	•	lat.is 35°12'N./
		Thence I run
		W 0°03'W. bet.secs.17 and 18.
		Over rolling land thru exceptionally dense cacti
		underbrush, very difficult to chain thru.
İ	40.00	Set a granite stone, 15x8x6ins., 10ins. in the ground.
		for \frace; dig pits, 18x18x12ins.
		M'and S. of stone, 3ft. dist.; and raise a mound of earth,
	80.00	3 ft. base, 1 ft. high, w. of cor.
ļ	00.00	Set a malpais stone, 18X10X6ins12ins.in the ground, for cor. of secs.7,8,17 and 18, marked with 4 notches
		on S.and 5 notches on E.edges; dig pits, 18X18X12ins.,
		in each sec. 5 ft.dist.; and raise a mound of earth,
1		4ft.base,2ft.high, w. of cor.
		Land, rolling.
ĺ	*	Soil, gravelly; 2nd rate.
		No timber.
		Underbrush, dense cacti
		Rolling land covered with exceptionally dense cacti underbrush, very difficult and slow to chain thru,
İ		exceptionally difficult to survey; heu, 80.00 chs.
		the state of the s
		Thence I run
İ		N 89 59 E. on random line bet.secs.8 and 17.
	40.00	Set temp. 4 sec. cor.
	30.04	Intersect the N. and S. line 4 lks. S. of the cor. of
		secs.8,9,16 and 17.
	İ	Thence I run
		S 89° 57' W. on true line bet. secs. 8 and 17.
		Over rolling and thru exceptionally dense cactiunderbrush very difficult to chain thru.
	40.02	Set a granite stone, 15x8x6ins., 10ins.in the ground,
	10000	for \(\frac{1}{4}\) sec. cor., marked \(\frac{1}{4}\) on N. face; dig pits, 18x18x12ins.
		E. and W. of stone, 3ft. dist.; and raise a mound of earth,
		3\frac{1}{2} ft. base, 1\frac{1}{2} ft. high, N. of cor.
1 .	46.60	Wash, 20 lks. wide, course S.
,	54.40	Wash, 20 lks. wide, course S.
	71.60	Wash, 10 lks. wide, course S.
	80.04	The cor. of secs.7,8,17 and 18.
		Land, rolling.
		Soil, gravelly; 2nd rate.
		Underbrush, dense cacti.
1		Rolling land covered with exceptionally dense cacti
1.		The state of the s
-	1 11 11 11 11 11 11 11 11 11 11 11 11 1	

		Subdivision of Tp.21 N., Rg. 18 West.
1	chaans.	underbrush, very difficu t and slow to chain thru, excep-
		tionally difficult to survey, 80.04 chs.
		Thence I run
İ		S 89° 52' w. on random line bet.secs.7 and 18.
	40.00	Set temp. + sec.cor.
	39. 70	Intersect the W.bdy.of Tp.11 lks.S. of the cor. ofsecs 7.12.13 and 18.
		Thence I run
		N 89°57'F. on true line bet.secs.7 and 18.
		Over rolling land thru exceptionally dense cactiunderbrush, very difficult to chain thru.
	7.80	Wash, 20 lks. wide, course SW.
	10.75	Wash, 20 lks. wide, course SW.
	29.65	Wash, 20 lks.wide, course SW. Wash, 75 lks.wide, course S.
	33.80 39.70	Set a malpais stone, 15x8x6ins., 10ins.in the ground,
		for 1 sec. cor. marked 1 on N. face; dig pits, 18X18X12ins.
		E. and W. of stone, 3ft. dist.; and raise a mound of earth,
	79.70	3½ ft.base, 1½ ft.high, N. of cor. The cor. of secs. 7,8,17 and 18.
	15.10	Land, rolling.
		soil, gravelly; 2nd rate.
•		No timber. Underbrush, dense cacti.
		Rolling land covered with exceptionally dense cacti
		underbrush, very difficult and slow to chain thru, excep-
		tionally difficult to survey;79170 chs. February 15.1910.
		rebruary 15,1510.
	\	February 16; At 8h.00m., a.m., l.m.t., I set off 12°27'
		s. on the decl arc: 35°13'N. on the lat.arc and determine a meridian with the solar at the cor. of secs. 7,8,
		17 and 18.
		Thence I run
		N 0°03'W. bet.secs.7 and 8.
		Over rolling land thru exceptionly dense cacti. underbrush, very difficult to chain thru.
	40.00	set a malmais stone.18x8x8ins.,12ins.in the ground,
		for 1 sec. cor., marked 1 on W. face; dig pits, 18x18x12ins.
		N.and S. of stone, 3ft. dist.; and raise a mound of earth, 3 ft. base, 1 ft. high, w. of cor.
	42,50	Road bears F. and W.
	80.00	Set a malpais stone, 24x12x6ins., 18ins.in the ground,
		for cor. of secs.5,6,7 and 8, marked with 5 notches on S.and E.edges; dig pits, 18X18X12 ins. in each sec. 52 ft.
		dist.; and raise a mound of earth, 4ft. base, 2ft. high, W.
		of cor.
		Land, rolling. Soil, gravelly; 2nd rate.
		No timber.
		Underbrush, dense cacti.
		Rolling land covered with exceptionally dense cactiunderbrush, very difficult and slow to chain thru, excep-
		tionally difficult to survey, 80.00 chs.
	, ,	
		Thence I run N 89 57 E. on random line bet. secs. 8 and 5
	40.00	cet temp 1 sec. cor.
	80. 02	
		8 and 9. Thence I run
		cag 571 w am time line bet. secs. 5 and 8.
		Over rolling land thru exceptionally dense cacti
		underbrush, very difficult to chain thru.
	35.20 40.01	Wash,60 lks.wide, course SW. set a malpais stone,15x12x10ins.,10ins.in the ground,
	TAPAT	for \(\frac{1}{4}\) sec.cor., marked \(\frac{1}{4}\) on N. face; \(\dig\) pits, 18X18X12ins.
		The same of the sa

Subdivision of Tp.21 N., Rg.18 West.

Tem?	al ns	Subdivision of Tp. 21 N., Rg. 18 West.
	~~ 11D	
İ		E. and w. of stone, 3ft. dist.; and raise a mound of earth
50	70	32 ft. base, 12 ft. high, N. of cor.
	. 30	wash, 20 lks. wide, course sw.
80.	. 02	The cor. of secs. 5,6,7 and 8.
		Land, rolling.
		Soil, gravelly; 2nd rate.
		Mo timber.
1		Underbrush, dense cacti.
		Rolling land covered with exceptionally dense cacti
		underbrush, very difficult and slow to chain thru, excep-
ļ		tionally difficult to survey, 80.02 chs.
	٠	one of the same of
		Thence I run
1		S 90° 571W on mondon 3day 3.44
40.	00	S 89°57'W. on random line bet.secs.6 and 7. Setmtemp. $\frac{1}{4}$ sec.cor.
79.	- 1	Intermediate Alba W harman management and an arrangement and arrangement and arrangement and arrangement and arrangement and arrangement and arrangement and arrangement arrangement and arrangement a
1.7.	.00	Intersect the W.bdy.of Tp.2 1ks.S. of the cor. of secs
		1,0,7 and 12.
	1	Thence I run
		N 89° 58'E. on tru line bet.secs.6 and 7.
.	İ	Over rolling land thru exceptionally dense cacti
3.77		underbrush, very difficult to chain thru.
13.		wash, 15 lks. wide, course SE.
31.		Wash, 601ks. wide, course S.
39.	58	Set a malpais stone.20X6X6ins15ins.in the ground
		FOR 4 Sec. Cor., marked 4 on N. face: dig pits. 18x19x12ins
	1	Liand w. of stone. 31t. dist.: and raise a mound of earth
	- 1	3½ ft.base, 1½ ft.high, N. of cor.
44.	00	Wash, 15 1ks. wide, course SE.
49.		Wash, 20 1ks. wide, course SE.
54.		Wash, 150 lks. wide, course S.
79.	1	mbe com of coor of the many of
13.	30	The cor. of secs. 5,6,7 and 8.
	-	Land, rolling.
		Soil, gravelly; 2nd rate.
		No timber.
		Underbrush, den se cacti.
		Rolling land covered with exceptionally dense cacti
	1	underbrush, very difficult and slow to chain thru, excep-
		tionally difficult to survey, 79.53 chs.
	İ	At this cor. I set off 12°242's. on the decl. arc and
		observe the sun on the meridian at noon; the resulting
		lat. is 35°14'N.
	1	Thence I run
	.	N 0 03'W. on random line bet.secs.5 and 6.
40.0	no l	Set temp. 4 sec. cor.
80.0		Intergent the W have as my ware we have
100.0		Intersect the N.bdy.of Tp.7 1ks.w. of the cor. of secs. 5,6,31 and 32.
		Thence I run
		South on thus 14ms hat are a second
		South on true line bet.secs.5 and 6.
		Over rolling land thru exceptionally dense cacti
2.6	30	underprush, yery difficult to chain thru
4	00	Wash, 10 lks. wide, course sw.
13.9	-0	Wash, 40 lkslwide, course SW.
17.5		Wash, 40.1kslwide, course Sw.
22.4		Wash, 70 lks. wide, course SW.
40.0)4	Set a granite stone.18X10X6ins12ins.in the ground
		IOF & Sec. cor.; marked on W. face: dig nits. 181181121ng
	İ	n. and S. of Stone, 3ft. dist.: and raise a mound of earth.
	-	og it. base, ig it. high, w. of cor.
80.0	4	The cor., of secs. 5,6,7 and 8.
		Land, rolling.
		Soil, gravelly; 2nd rate.
		No timber.
		Underbrush, dense cacti.
		Rolling land gavened with annual and
	١.	Rolling land covered with exceptionally dense cacti
		underbrush, very difficult and slow to chain thru, excep-
		tionally difficult to survey, 80.04 chs.
		February 16,1910.

Subdivision of Tp. 21 N., Rg. 18 West.

GENERAL DESCRIPTION

This Tp. is mostly rolling land and covered with a d dense growth of underbrush.

There are no settlers.
There is no water in this Tp.
The extreme Eastern edge of this Tp is mineral land.

Bred W. Rodof.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.	
A list of the names of the individuals employed by Rud W. A	odol
, United States Deputy Surveyor, to assist in	
, Officed States Deputy Surveyor, to assist in	running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of Zhe..... subdivision lines of Yourship 21 North Pange 18 West.

showing the respective capacities in which they acted:

a. P. Kerno.	, Chainman
Bert Lyon	, Chainman
Bert Lyon Palph R Ellio	, Moundman
	, Moundman
R.M. Stark	, Axman.
Q.M. Carpen	, Axman.
George Newell	, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted.	at red 7	W. OPO	doll		
	TT	nitad States T	V	in constant	g alk
those parts or portions of the subding Range 18 West	ion lines	of Too	onskip	21 Horthy	
Range 18 West	-				
			·		
			0.1	f the Vila &	Est

Pini Base 8 meridian, Penilon of augona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for ...

Subscribed and sworn to before me this.....

Mg remail i

196 26 2195 BOOK 2195

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Wied W. Podoff , United States Deputy Surveyor, do
solemnly swear that, in pursuance of a contract received from Frank S. Sugallo.
United States Surveyor General for Cruyona, bearing date of the day of March, 1909, I have well, faithfully, and truly, in my own
proper person, and in strict conformity with the instructions furnished by the United States Surveyor
General for Cryona , the Manual of Surveying Instructions, and the laws of the
United States, surveyed all those parts or portions of the subdivisor lines of Townships 2/ North Pange Is West
Township 2! Horly Crange I & West
·
·
of the Hila O Salt
Rive Base & meridian, in the Besselow of Grigona, which are represented in the
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly
swear that all the corners of said survey have been established and perpetuated in strict accordance with
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
General for Grigona and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey.
(Xied W). (Rodol)
United States Deputy Surveyor.
Subscribed by said will work to before me this day of many, 1960
this 2th day of Mars 1960
day of, 100
the ant dehalle
9000000 6 SEAL 0
000000 Mennyo Huend go
- Cingou
APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Inerry Chy Mug 18 , 190 1910
The foregoing field notes of the survey of the authorisiand lines
The foregoing neith notes of the survey of the strivey of the survey of
The second of th
Dare Mendian Cayana,
<u> </u>
executed by Tael W. Rodelf N.O. Deput, Ourgen
under his contract No. / J, dated March 10 (,1009, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.
Mann on guill
United States Surveyor General.
I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.
United States Surveyor General