Dook G. L. Q. letter & "dated Der 2326 **BOOK 2326** OF THE SURVEY OF THE and my of < Meridian, Of the. In the State of EXECUTED BY auf 1 alives situer In the capacity of U.S. Surveyor, under instructions dated Cluy N, 1910, issued by the United States Surveyor General to govern surveys included in Group No. ____, which were approved by the Commissioner of the General Land , 1910, pursuant to authority contained in the Act of Office, .. Sucher/ 4, 191₁ Congress dated March uly H ..., 191/ Survey commenced august J, 1911 Survey completed

INDEX DIAGRAM.

Township, Range

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Site and

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G.L.O. Letter "E" Phoenix 047482, dated July 2, 1942 vacates survey as to the West Side and West Side Turequise claims and cancels plat.

Corrective survey Book No. _____.

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BOOK 4008

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Meanders Page

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6-151

JAN 29. 1912

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we V

J.F.F PRELIMINARY OATHS OF ASSISTANTS. BOOK H. Bates Y. Brown WE, L. F. Bates, R. A. Coombs and A. E. Lyon do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision lines of Tp. 19 S. Rg. 25 E. and resurvey of the North boundary of Tp. 19 S. Rg. 25 E. H Bates Chainman. Subscribed and sworn to before me this <u>26</u> day of July , 19 11 by A. E. Lyon July 29th., 1911 U. Transi tman WE, R. L. Bates and H. R. Harvey do solemnly swear that we will well and truly 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 subdivision lines of Tp. 19 S. Rg. 25 E. and resurvey of the north boundary of Tp. 19 S. Rg. 25 E. tto...., Moundman. .., Moundman. Subscribed and sworn to before me this _____26 th $19 \, ll$ day of July U. S. Transitman. WE, F. E. Mills and E. Barnes do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the subdivision lines of Tp. 19 S. Rg. 25 E. and resurvey of the north boundary of Tp. 19 S. Rg. 25 E. 6 (G/ Mills , Axman. & Barnes day of July 19 ll Hesse U. S. Transitman. Ralph Brown and -F. We, P. B. Hilderbran, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the of the subdivision lines of Tp. 19 8 and resurvey of the. survey o north boundary of Tp. 19 S. Rg. 25 11, Flagman. prown 1 Subscribed and sworn to before me this ______26 th .____ day of July , 19 11 U. S. Transitman. 6-151

<u> </u>	bdivision of Township 19 South, Range 25 East.
Chains	• BOOK 2326
1	Survey commenced July 26, 1911, and executed with a W.
	and L. E. Gurley Solar Compass, not numbered. The
	horizontal limb is provided with two double verniers
	placed opposite each other, reading to single minutes of arc, which is also the least count of the verniers of
	the latitude and declination arcs. The instrument
۲	was examined and approved by the Supervising Surveyor.
	I examine the adjustments of the compass, and find them
	correct; then to test the solar apparatus, by comparing
	its indications, resulting from solar observations made
	during a.m. and p.m. hours, with a meridian determined
	by observations on Polaris, I proceed as follows:
	At the cor. of secs. 21.22, 27 and 28, Tp.19 S., Rg.25 E.
	latitude. 31°455'N., longitude,109°48'33"W., 1 set off
	31°455'N, on the lat.arc; 19°33'N, on the decl.arc; and
	at 5h.00m.p.m.,l.m.t., determine with the solar a meri-
	dian, and mark a point thereof, on a stone firmly set
	in the ground 5 chs. N.of my cor.
	At 11h.16m.p.m., by my watch, which has correct 1.m.t., I ob-
	serve polaris at E elongation & mark a point in the 1 line thus determined, on a peg driven in the ground, 5
] line thus determined, on a peg driven in the ground, o
	chs. N.of my station. July 26, 1911.
	· · · · · · · · · · · · · · · · · · ·
	July 27: At 6h. 30m., a.m., 1.m.t., I lay off the azimuth
	of Polaris, 1°23'to the west, and mark the meridian
	thus determined, by cutting a small groove in the stone
	set July the 26, on which the meridian coincides with
· .	the mark determined by the solar.
	At 7h.00m., 1.m.t., I set off 31°45 ¹ / ₂ 'N. on the lat.arc;
	19°25'N. on the declarc, and mark a point in the meri-
	dian determined with the solar, by a cross on the stone
	already set 5 chs. N.of my station; this mark coincides with the meridian established by the Polaris observa-
	tion.
	The solar apparatus by p.m. and a.m. observations defines
	positions for meridians which coincide with the meri-
	dian determined by Polaris observations; therefore, I
	conclude that the adjustments of the instrument are
	satisfactory.
· · · ·]	The magnetic bearing of the true meridian, at 7h.15m.a.m.,
	1.m.t., is N.13º15'W.; the angle thus determined gives
	the magnetic declination 13°15'E.
	I commence at the cor of secs .5, 6, 31 and 32 on the S.bdy.
-	of the township, heretofore described.
	Thence I run,
	N.0°01'E., bet. secs. 31 and 32.
8.25	Ascending. Top of ridge, bears NW. and SE.; thence through Gleeson
0.20	Mining Camp.
16.06	Cross road, bears E.and W.
34.54	Cross road, bears 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 S 32
	in E. and $\frac{1}{2}$ S 31 in W.half; raise a mound of stone 2
	ft.base, 12 ft. high, W.of cor. Pits impracticable.
50.14	Cross road, brs. NW.and SE.
63.94	Fence brs. NW.and SE.
64.55	Fence brs. NE. and SW.
79.40	Arizona Eastern R.R., NW.and SE.
80.00	Set an iron post 3 ft. long, 2 ind. diam., 24 ins. in the
	ground for cor.of secs. 29,30, 31 and 32, marked on
	brass cap, Tio S P 25 F in A holf:
	T 19 S R 25 E in \mathbb{C} .half;
	S 30 dn NW., S 29 in NE.,
	S = 29 in ME , $S = 32$ in SE , and
	5 31 in SW. quadrant; raise a mound of stone 2 ft.
ŕ	
	and and a set of the s

		2.	Subdi	vision of Township 19 South, Range 25 East.
		Ĩ	Chains	
7	151		<u> </u>	base, $1\frac{1}{2}$ ft. high, W.of cor. Pits impracticable.
	BOOK	2	326	Land, rolling and hilly,
	BOOK			Soil, coarse gravel and rocks, 3rd rate. No timber.
			ŝ	Undergrowth, mesquité.
			<i>.</i> *	From this cor. U.S.M.M.No.1, Turquoise Mining District,
				brs. N.20°E., 25.80 chs.
			40:00	West, on a random line, bet. secs.30 and 31 . Set temp. $\frac{1}{4}$ sec.cor.
			80.05	Intersect W.bdy.of Tp.18 lks. N.of cor. of sees.25,30,31
		ł	•	Inence I run,
			•	N.89°52'E. on a true line, bet. secs.30 and 31.
		1	26 61	Over rolling land.
			40.02	Wash, 15 lks.wide, course SE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
			t .	the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 30
				in N. and S 31 in S.half; raise a mound of stone 2 ft. base, 12 ft. high, N. of cor. Pits impracticable.
			47.80	Intersect W.side line Turf Mining Claim, Survey No.2657
			74.36	at S,12°02'E. 507 Iks. from NW. cor. Cross road, brs. NE.and SW.
			78.53	Arizona Eastern depot.
				Arizona Eastern R.R. The cor.of secs.29,30, 31 and 32.
				Land, rolling.
			• •	Soil, coarse gravel and rocks, 3rd rate. No timber.
			•	Undergrowth, mesquite and oak brush.
				July 27: At this cor. I set off 19°211'N.on the decl.arc, and observe the sun on the meridian at noon; the re-
				sulting lat. is 31° $44\frac{1}{2}$!N.
			• • • • • • • • • •	
				N.0°01'E., bet. secs. 29 and 30. Ascending through dense brush.
			- 18.90	Intersect N.end line of Batavia Mining Claim, Sur.No.2001,
			07 75	at S.65°38'W., 2.25 chs. from Cor.7. Top of ridge, bears E.and W., house bears S.88°35'W.
				Same house bears 3. 75° 20'W.
		t I		Cross road, bears E.and W. in wash 50 lks.wide, course E.
			40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 4 sec.cor., marked on brass cap S 29 in
		-		E. and $\frac{1}{4}$ S 30 in W.Half; raise a mound of stone 2 ft.
			75.25	base, $l\frac{1}{2}$ ft. high, W.of cor. Pits impracticable. Top of ridge, brs. E.and W.; descend.
			80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
			•	ground for cor.of secs.19,20, 29 and 30, marked on brass cap,
				T 19 S R 25 E in N.half;
				S 19 in NW., S 20 in NE.,
			•	S 29 in SE., and
				S 30 in SW. quadrant; raise a mound of stone 2 ft. base, $l\frac{1}{2}$ ft. high, W.of cor. Pits impracticable.
			•	Land, hilly.
				Soil, rocky and worthless, 4th rate.
			•	No timber. Undergrowth, oak brush and mesquite.
				July 27, 1911.
				July 28: At 7h.00m.a.m., 1.m.t., I set off 31°45½'N. on the lat.arc; 19°11½'N. on the decl. arc, and determine
				a meridian with the solar at the cor.of secs.19,20,29
				and 30. West, on a random line, bet. secs.19 and 30.
			40.00	Set temporary 4 sec.cor.
		•		

Subdivision of Township 19 South, Range 25 East. Chains. 80.30 Intersect W. bdy.of Tp. 9 lks.N.of cor.to secs. 19,24,25 and 30, heretofore described Thence I run, N.89°56'E. on a true line bet. secs.19 and 30.	58
Thence I run,	
 Ascend gradual slope. 40.15 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.19 in N. and S 30 in S.half; raise a mound of stone 2 ft. 	
base, l ¹ / ₂ ft. high, N.of cor. Pits impracticable. 46.20 Top of ridge, bears HW.and SE., descend. 54.00 Cross wash, 10 lks.wide, course SE.; ascend. 62.10 Top of ridge, bears NW.and SE.; descend.	
74.79 Cross road, bears N.and S. 80.30 The cor.of secs.19,20, 29 and 30. Land, hilly. Soil, rocky and worthless, 4th rate. No timber. No undergrowth.	
N.O°Ol'E., bet. secs.19 and 20. Ascending through scattering brush. 22.75 Top of ridge, bears E.and W.; descend.	
30.30Cross wash, 15 lks.wide, course NE.; over rolling land.38.70Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for witness $\frac{1}{4}$ sec.cor., marked on brass cap, W C $\frac{1}{4}$ in N.half,	
S 20 in SE., and S 19 in SW. quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W.of cor. Pits impracticable. 40.00 Cross wash, 15 1ks.wide, course NW. 45.00 Cross same wash, course NE.	
47.02 House bears N.36°17'E. 52.12 Cross road, bears NE. and SW. 64.25 Enter wash, 50 lks.wide, course SW. 76.40 Leave wash.	
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs.17,18,19 and 20, marked on brass cap, T 19 S R 25 E in N.half;	
S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW. quadrant; from which,	·
A hackberry, 8 ins.diam., bears N.57½°W., 1.34 chs. dist., marked T 19 S R 25 E S 18 B T. An oak, 12 ins. diam., bears 3.65°E., 2.19 chs. dist.,marked T 19 S R 25 E S 20 B T.	
No other trees available; dig pits 18x18x12 ins. ins. in each sec.5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, hilly and rolling.	
Soil, rocky, coarse and dry, 4th rate. No timber. Undergrowth, oak and mesquite. July 28: At this cor. I set off 19°08'N. on the decl.	
arc, and observe the sun on the meridian at noon; the resulting lat.is 31° 46 ¹ / ₂ 'N.	
West, on a random line, bet. secs. 18 and 19. 40.00 Set temp. $\frac{1}{4}$ sec. cor.	
80.00 Intersect W. bdy.of Tp. 23 lks.N.of the cor. of secs.13,18, 19 and 24, heretofore described. Thence I run, N.89°50'E. on a true line, bet. secs.18 and 19.	
Ascending through dense brush. 0.30 Cross wash, course NE. 13.00 Top of ridge, brs. NW.and SE.; descend.	
28.20 Cross wash, course SE.; ascend. 37.70 Top of ridge, brs. NW and SE., descend.	

	Chains.	division of Township 19 South, Range 25 East.
59	Unarns	
57 2 ³²⁶	40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
692	- () - (the ground for $\frac{1}{4}$ sec.Cor., marked on brass cap $\frac{1}{4}$ S 18
1		in N. and S 19 in S.half; raise a, mound of stone 2 ft.
N-		base, 12 ft. high, N. of cor. Pits impracticable.
0	66.15	Cross wash, 50 lks.wide, course NE.; ascend.
	74 .3Ŏ	Top of ridge, brs. N.and S.; descend.
	78.70	Cross wash, 50 lks.wide, course S; Macally
	80.00	The cor.of secs.17,18, 19 and 20.
		Land, mountainous.
		Soil, rocky and worthless, 4th rate.
		No timber.
		Undergrowth, mesquite and catclaw.
		July 28, 1911.
		July 29: At 7h. 00m., a.m., l.m.t., I set off 31°46 1. N. on
		the lat.arc; 18°572'N. on the decl. arc, and determine
		a meridian with the solar at the cor. of secs, 17,18,
		19 and 20.
		N.0°01'E., bet. secs.17 and 18.
		Over rolling land, through dense brush.
	0.30	Enter wash, 75 lks.wide, course SW., follow along same.
	3.41	Cross road, bears NW.and SE.
	11.40	Leave wash, bears NW.
	18,58	Fence bears NW.and SE.
		Cross same wash, bears NE.,
	23.15	House, west 86 lks.
	24.76	Fence bears NE.and SW.
	40.00	Set an iron post 3 ft. long, 1 in. in diam,, 26 ins. in
		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 17
		in \mathbb{B} . and $\frac{1}{2}$ 5 18 in W.half; raise a mound of stone
		2 ft. base, 1 ft. high. W.of cor. Pits impracticable.
	40.50	Cross wash, 60 lks.wide, course NE.
	56.67	Cross road bears NE.and SV.
	61 .90	Cross wash, 20 lks.wide, course NE.
	74 00	Cross road, bears NE. and SW.
		Cross same wash, 20 1ks.wide, course NW.
	80 00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
	50.00	the ground for cor.of secs.7,8,17 and 18, marked on
		brass cap,
		T 19 S R 25 E in N.half,
		S 7 in HW.,
		S 8 in NE.
		S 17 in SE., and
		S 18 in SW. quadrant; 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, coarse sand and gravel; dry, 3rd rate.
		No timber.
:		Undergrowth, mesquite and catclaw.
-		
		West, on a random line, bet. secs. 7 and 18.
	40.00	Set temp. 1/4 sec.cor.
	80.12	Intersect W.bdy.of Tp.11 1ks.5.of cor.of secs.7,12,13 and
		18, heretofore described.
		Thence I run,
		S.89°55'E. on a true line, bett secs.7 and 18.
		Ascending through dense brush.
t	10.27	Top of ridge, NE.and SW.; old deserted house bears N.61°
		$30^{\dagger}E.:$ descend.
	40.06	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
		the ground for a sec.cor. marked on brass cap, 4 5 7
		in N. and 5 18 in S.half; and raise a mound of stone
-		2 ft. base, 12 ft. high, N. of cor. Pits impractica-
		ble.
		Old deserted house bears $\mathbb{N}.44\frac{1}{2}^{\circ}\mathbb{W}.$
		One most 75 lice mide course TP
	55.37	Cross wash, 75 lks.wide, course HE.
	55.37 79.06	Cross wash, 75 lks.wide, course HE. Cross road, bears H.and S.
	55.37 79.06	Cross wash, 75 lks.wide, course HE.

 Chains 79.62 Cross wash, 15 1%s.wide, course N. 60.12 The correst seese, 8, 17 and 18. Land, rolling and hilly. Soli, coarse gravel and ronke; dry, 4th rate. Budy design of the second and ronke; dry, 4th rate. Budy design of the second and ronke; dry, 4th rate. Soli, coarse gravel and ronke; dry, 4th rate. Budy design of the second and s. Over slightly rolling land, through dense brush. 7.00 Cross wash, 2 listwide, course W. 22.44 Windmill bears 1.40630 E. Over slightly rolling land, through dense brush. 7.00 Cross wash, 2 listwide, course W. 23.44 Windmill bears 1.40630 E. 40.00 After gravel and worked on brass cap 8 d in the second bear scale and and the second second second and the second and the second second second and the second se		S	BOOK 2026 5 Subdivision of Township 19 South, Range 25 East. 5	
 79.82 Cross mash, 15 1cc.wide, course N. 60.12 The corr of secs.7.8.17 and 18. 10.11 Course gravel and roke; dry, 4th rate. 10.12 Course gravel and roke; dry, 4th rate. 11.12 Course gravel and roke; dry, 4th rate. 12.20 Cross road, hears 1.2042/N. 12.20 Cross road, hears 1.2043/N. 12.20 Cross road, hears 1.2043/N. 12.20 Cross road, hears 1.2043/N. 26.44 Windmill bears 1.2042/N. 26.45 Windmill bears 1.2042/N. 26.46 Windmill bears 1.2042/N. 26.47 Windmill bears 1.2042/N. 26.48 Windmill bears 1.2042/N. 26.49 Cross road, bears 1.2044. 26.40 Cort. 3 ft. 1005, 2 ins. in diam., 26 ins. in the ground for extra 5.6,7 and 8, marked on these cop. 27.20 S ft. 121, 202 S in J. half. 28 d in NY. 29 d in SY. 20 d in SY. 20 d in SY. 20 d in SY. 21 d in NY. 22 d in SY. 23 d in SY. 24 d in SY. 24 d in NY. 25 d in SY. 26 d in NY. 27 d in NY. 28 d in NY. 29 d in SY. 20 d in SY. 21 d in NY. 22 d in SY. 23 d in SY. 24 d in NY. 24 d in NY. 25 d in SY. 26 d in NY. 27 d in A roke on the decl and the nound of earth 4 ft. 28 d in SY. 29 d in SY. 20 d in SY. 20 d in SY. 21 d in NY. 22 d i			<u></u>	
 H.0°01'E., bet. secs.7 and 8. Over slightly rolling land, through dense brush. 7.00 Cross read, 2 its wide, course IN. 22.04 Windmill bears (A0230'E.) 40.00 \$4t an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for \$sec.or. marked on brass cap S & In E. and \$ S 7 in W.Raff; dig pits loxlok12 ins. F. and Stof cor. 3 ft. dist., and raise a mound of earth 3g ft. base, 12 ft. high, "of cor. 53.18 bross mash, 2 ht. of sec.or. windmill, bears 6 N, add 8. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 6, marked on bress cap. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 6, marked on bress cap. S f in NV. S f in SV. quadrant; dig pits l5k15k12 ins. in each sec.3g ft dist., and raise a nound of earth 4 ft base, 2 ft. high, W.of cor. Land, elightly rolling. Soil, gravel, dry, coarse texture, 2nd.rets. No the lat.arc; 1529'N. on the declare, and determine a merid so with the colar at the cor. of secs.5, 6, 7 and 12. heretione decuped in the lat.arc; 1629'N. on the declare, and determine a merid so with the colar at the cor. of secs.5, 6, 7 and 12. heretione decuped in the sec. the dime, bet. secs.6 and 7. Soit terp. & sec.or. Soit terp. of sec.or, marked on brass cap \$5 ft. Thence I run, NeB965'E., on a true line, bet.secs.6 and 7. Sot an iron poet 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec.or., marked on brass cap \$5 ft. In the sec. the dime, course 52. Sot an iron poet 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec.or., marked on brass cap \$5 ft. In M. and 3 7 in S.half; and raise a mound of stone 2 ft. base, 14 ft. high, ft. of cor. Pits impracticable. Land, Thends, Through dense brush. So	~		The cor.of secs.7,8,17 and 18. Land, rolling and hilly. Soil, coarse gravel and rocks; dry, 4th rate. No timber. Undergrowth, mesquite. July 29: At this cor. I set off 18°54'N. on the decl. arc, and observe the sun on the meridian at noon; the	160 .
 the lat.arc; 18°29'N. on the decl.arc, and determine a meridian with the solar at the cor.of secs.5,6,7 and 8. Thence I run, West, on a random 'line, bet. secs.6 and 7. 40.00 Set temp. 1 sec.cor. 30.14 Intersect W.bdy.of Tp., 11 lks.N.of cor. of secs.1,6,7 and 12, heretofore described Thence I run, N.89°55'E., on a true line, bet.secs.6 and 7. 2.14 Cross wash, 70 lks.wide, course NE. 27.24 Cross same wash, course SE. 40.07 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1 sec.cor. marked on brass cap 1 S 6 in N. and S 7 in S.half; and raise a mound of stone 2 ft. base, 12 ft. high, N.of cor. Pits impracticable. 80.14 The cor.of secs.5, 6, 7 and 8. Land, rolling. Soil, coarse gravel and rocks, 4th rate. No timber. N.0°Ol'E., bet. secs.5 and 6. Over rolling land, through dense brush. 18.36 Fence bears E.and W. 		12.20 26.44 40.00 53.18 58.87 80.00	<pre>resulting lat.is 31°47½'N. </pre>	L. -
		80.14 2.14 27.24 40.07 80.14	<pre>the lat.arc; 18°29'N. on the decl.arc, and determine a meridian with the solar at the cor.of secs.5,6,7 and 8. Thence I run, West, on a random line, bet. secs.6 and 7. Set temp. 1 sec.cor. Intersect W.bdy.of Tp., 11 lks.H.of cor. of secs.1,6,7 and 12, heretofore described Thence I run, N.89°55'E., on a true line, bet.secs.6 and 7. Over rolling land, through dense brush. Cross wash, 70 lks.wide, course NE. Cross same wash, course SE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1 sec.cor. marked on brass cap 1 S 6 in N. and S 7 in S.half; and raise a mound of stone 2 ft. base, 11 ft. high, N.of cor. Pits impracticable. The cor.of secs.5,6, 7 and 8. Land, rolling. Soil, coarse gravel and rocks, 4th rate. No timber. Undergrowth, mesquite and catclaw. N.0°01'E., bet. secs.5 and 6. Over rolling land, through dense brush.</pre>	
	•	1		

,	Chains	ivision of Township.19 South, Range 25 East.
1320		the ground for $\frac{1}{4}$ sec.cor., marked on brass cap, S 5 in E. and $\frac{1}{4}$ S 6 in W.half; raise a mound of stone
	85.98	2 ft.base, l ¹ / ₂ ft. high, W.of cor. Pits impracticable. Intersect N.bdy.of Tp. 4.15 chs. N.89°37'E.of cor.of secs. 31 and 32, which is a stone marked and witnessed as
	. •	described by the Surveyor General. Set an iron post 3 ft .long, 2 ins. diam., 24 ins. in the ground for closing cor.of secs. 5 and 6, marked on
		brass cap, C C S of center, T 18 S R 25 E S 31 S 32 in N.half, S 5 in SE., and
		S 6 in SW. quadrant; raise a mound of stone 2 ft. base, l ¹ / ₂ ft. high, S. of cor. Pits impracticable. Land, rolling.
		Soil, coarse gravel and rocks, dry, 4th rate. No timber. Undergrowth, mesquite and catclaw.
	•	July 31, 1911. Alfred M. Olivar
		U.S. Transitman.
с.	•	Survey commenced July 26, 1911, and executed with an A.
		Lietz Co. light mountain transit, No.5631, with a so- lar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of the arc, which is also
	•	the least count of the verniers of the latitude and declination arcs. The instrument was examined and approved by the Supervis-
		ing Surveyor. I examine the adjustments of the transit, and find them
		correct; then, to test the solar apparatus, by compar- ing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian de- termined by observations on Polaris, I proceed as fol- lows:
		At camp near the cor.of secs.21,22, 27 and 28, Tp.19 3., Rg. 25 E., latitude, 31°45½'N.; longitude,109°48'33" W., I set off 31° 45½'N, on the lat.arc; 19°33'N.on the decl.arc;and at 5h.00m., a.m., l.m.t., determine
	ł	with the solar a meridian, and mark a point thereof on a stone firmly set in the ground 5 chs. N.of the sta- tion.
		At llh.16m.p.m., by my watch, which has correct 1 m.t., I observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N.of my station.
		July 26, 1911.
		July 27: At 6h.30m.,a.m.,l.m.t., I lay off on the asimuth of Polaris, 1°23' to the west, and mark the meridian
		thus determined by cutting a small groove in the stone set July 26, on which the meridian coincides with the mark determined by the solar.
		At 7h.00m.,a.m., l.m.t., I set off 31° 45½'N. on the lat. arc; 19°25'N. on the decl.arc, and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs . N.of my station; this mark coincides with the meridian established by the
		Polaris observation. The solar apparatus by p.m. and a.m. observations defines positions for meridians which coincide with the
		meridian determined by Polaris observations; therefore

	BOOR Store 19 South Range 25 East.	
	ubdivision of Township 19 South, Range 25 East.	
Chains.		
	I conclude that the adjustments of the instrument are sat-	16
	isfactory.	
	The magnetic bearing of the true meridian, at 7h.15m.a.m.	
	is N.13°15'W.; the angle thus determined gives the	
	mag. decl. 13°15'E.	
	I commence at the cor. of secs. 4,5,32 and 33 on the S.	
	bdy.of the township, heretofore described. Thence I run,	
	N.0°01' E., bet. secs. 32 and 33 .	
	Over rolling land, through dense brush.	
19.55	Cross wash, 20 1ks.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.for., marked on brass cap, S 33	
	in E. and $\frac{1}{4}$ S 32 in W.half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor. Pits impracticable.	
53.83	Cross Arizona Eastern R.R. bears NE. and SW.;ascend.	
61.50	Top of ridge, bears E.and W.; descend.	
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the	
	ground for cor. of secs. 28,29,32 and 33, marked on brass	
	cap,	
	T 19 S, R 25 E in N.half,	
	S 29 in NW., S 28 in NE.,	
	5 20 in NE., S 33 in SE., and	
	S 32 in SW. quadrant; raise a mound of stone 2 ft.	
	base, l_2 ft. high, W. of or. Pits impracticable.	
	Land, rolling and hilly.	
	Soil, calcareous,4th rate.	
	No timber.	
	Undergrowth, oak brush, catclaw and cactus.	
	West, on a random line, bet. secs.29 and 32.	
	Set temp. 4 sec.cor.	
80.04	Intersect N and S. line 26 lks.N.of cor.of secs.29,30,31 and 32.	
•	Thence I run,	
	N.89°49'E.on a true line, bet. secs.29 and 32.	
	Ascending through dense brush.	
	Top of rocky hill; descend.	
40.02	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 29	
	in N. and S 32 in S.half; raise a mound of stone 2 ft.	
	base. 1 $\frac{1}{2}$ ft. high. N.of cor. Pits impracticable.	
40.26	Intersect E.side line Whoop Up Mining Claim, Sur No.2383 A.	
	at S.16° 32'E., 10.00 chs. from NE.cor.	
80.04		
	Land, mountainous.	
	Soil, limestone rock, 4th rate. No timber.	
	Undergrowth, greasewood, oak brush and cacti.	
	July 27: At this cor. I set off 19° 212'N. on the decl.	
	arc, and observe the sun on the meridian at noon; the	
•	resulting lat.is 31°44½'II.	
•		
	N.0001'E., bet. secs.28 and 29.	
	Descending through dense brush.	
18.65	Cross road, bears IE.and SW.	
19.45	Cross wash, 20 1ks.wide, course NE.; ascend.	
25.95	Top of ridge, bears NE.and SW.; descend. Cross wash, 15 1ks.wide, course NE.; ascend.	
29.95	Set on iron nost 3 ft. long. 1 in. in diam., 20 ins. in	
40.00	the ground for - sec. cor marked on brass cap. 5 20 11	
	T and 1 S 29 in W.half: raise a mound of stone 2 10.	
	hase 1 ft. high. W. of cor. Pits impracticable.	
48.65	Ton of ridge bears IE.and SW.; descend.	
59.05	Cross wash 20]ks.wide. course NE:; ascend.	
72.65	Top of ridge, brs.E.and W.; descend.	

Lange and the second se		ivision of Township.19 South Range 25 East.
163	Chains	
163 232	76.68	Intersect S.end line of Edith Mining Claim, survey No. 2458, N.89°35'W., 1.92 chs. from cor.No.2.
dt .	80.00	Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 20,21,28 and 29, marked on
,ou		brass cap,
		T 19 S R 25 E in N.half; S 20 in NW.,
		S 21 in NE., S 28 in SE., and
		5 29 in SW. quadrant; raise a mound of stone 2 ft.
		base, 12 ft. high, W.of cor. Pits impracticable. Land, mountainous.
		Soil, rocky and worthless, 4th rate. No timber.
		Undergrowth, oak brush and cacti.
		July 27, 1911.
		July 28: At 7h.00m., a.m., 1.m.t., I set off. 31°45½'N.on the lat.arc; 19°11½'N. on the decl.arc, and determine a meridian with the solar at the cor.of secs. 20,21,28 and 29.
		West on a random line, bet. secs.20 and 29.
		Set temp. ‡ sec.cor. Intersect the N.and S. line, 7 lks.N.of the cor.of secs. 19,20, 29 and 30. Therea I was
		Thence I run, N.89°57'E. on a true line, bet. secs.20 and 29.
	1.28	Descending through scattering brush. Cross wash, 8 lks.wide, course SE.
	6.40	Top of small ridge, bears N.and S.; descend. Cross wash, 15 lks.wide, course SW., ascend.
	*40.04	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 20 in N. and S 29 in S.half; raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft. high, N.of cor. Pits impracticable.
	43.88 64.30	Top of ridge, brs. IW.and SE.; descend. Intersect W.side line of Alice Mining Claim, Sur.No.2458, N.0°37' E., 3.26 chs. from cor.No.3.
, 2	80.08	The cor. of secs. 20,21,28 and 29.
		Land, mountainous. Soil, rocky and worthless, 4th rate.
		No timber. Undergrowth,oak brush and cacti.
		N.0°01' E. bet. secs.20 and 21 Over rolling country, through dense brush.
	7.20	Cross wash, 20 1ks.wide, course NE. Cross road, bears SE. and NW.
	35.37	Cross road, bears HW. and SE.
	40.00	Set an iron post 3 ft. long, 1 in.diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 21 in E.,
		and $\frac{1}{4}$ S 20 in W.half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor. Pits impracticable.
	40.45	From this cor. U.S.M.M.No.2 brs. N.68°08'E.34.35 chs.dist.
	43.78	Cross wash 20 lks.wide, course SE. Cross road, bears HW.and SE.
	45.13	El Paso and Southwestern R.R.bears E.and W. Set an iron post 3 ft. long, 2 ins diam., 24 ins. in the
		ground for cor.of secs.16,17,20 and 21, marked on brass
		cap, T 19 S R 25 E in N.half;
		S 17 in NW.,
		S 16 in HE., S 21 in SE., and
		S 20 in SW.quadrant; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor. Pits impracticable.
		Land, rolling and hilly.
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	BOOK 2828
 S Chains	ubdivision of Township 19 South, Range 25 East. 9.
	Soil, rocky and worthless, 4th rate. No timber. Undergrowth,oak brush, catclaw and cacti, July 28: At this cor. I set off 19°08N. on the decl.arc, and observe the sun on the meridian at noon; the result- ing lat.is 31°46½'N. From this cor. U.S.M.M.No.1319, brs. N.27°02' W.
40.00 80.00	Intersect N. and S.line 3 lks.S.of cor.of secs.17,18,19 and 20. Thence I run,
72.42 17.20 39.80 40.00	Top of ridge, brs. N.and S.; descend.
45.22 62.30 65.96 75.65 80.00	From this cor. U.S.M.M. No.1319, bears N.52° 20'E. Intersect W.side line of Concer Bug Mining Claim, Sur.2608. S.W.cor.of claim bears S.26°50'E., 4.55 chs. dist. Cross wash, 20 lks.wide, course NE.; ascend. Cross road, bears NE.and SW. Top of ridge, bears N.and S.; descend. The cor.of secs.16,17,20 and 21. Land. rolling and mountainous.
	Soil, rocky and worthless, 4th rate. No timber. Undergrowth,oak brush, catclaw and cacti. July 28, 1911.
7.60 8.30 9.20 12.30 15.00 27.00 35.00 40.00 49.15 52.20 67.60 77.65 79.75 80.00	Cross road, bears NE.and SW. Cross wash, 20 lks.wide, course NE., ascend. El Paso and Southwestern R.R., bears E.and W. Top of ridge, brs. E.and W.; descend. Cross wash, 30 lks.wide, course NW.; ascend. Top of ridge, brs.E.and W.; descend. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 16 in E., and $\frac{1}{4}$ S 17 in W.helf; raise a mound of stone 2 ft. base, $l\frac{1}{2}$ ft. high, W.of cor. Pits impracticable. Cross wash, 10 lks.wide, course NE. Cross wash, 20 lks.wide, course SE.; ascend. Top of ridge, brs.E.and W.; descend. Cross wash, 10 lks.wide, course SE. Cross wash, 10 lks.wide, course SE.

165 00	Chains.	in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth	•
J'Sh'		4 ft.base, 2 ft. high, W.of cor.	
65 22 B		Land, rolling and hilly.	•
)'		Soil, rocky and worthless, 4th rate. No timber.	
		Undergrowth, oak brush, catclaw and cacti.	-
			-
		West, on a random line, bet. secs.8 and 17.	
		Set temp. $\frac{1}{4}$ sec.cor. Intersect N. and S.line, 5 lks.M.of cor.of secs.7,8,17	
	10.00	and 18.	
		Thence I run,	
		N.89°58'E., on a true line, bet. secs.8 and 17. Over rolling land, through dense brush.	
	11.38	Cross road, bears NE and SW.	
	12.03	Cross road brs. NE. and SW.	
	16.68	Cross road, brs.N.and S.	
	25.15	Cross wash, 10 lks.wide, course NE. Cross road, brs. NW.and SE.	
	35.68	Cross road, brs.NW.and SE.	
	36.33	Cross wash, 10 lks.wide, course SE.	
	39.99	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 8	
		in N. and S 17 in S.half; dig pits 18x18x12 ins.E.and	•
		W.of cor. 31 ft. dist., and raised a mound of earth 32	
	40 77	ft.base, l_2 ft. high, N.of cor.	
	49.33	Cross road, brs.N.and S. Cross wash, 1.00 ch. wide, course SE.	
	79.48	Cross road, brs.NW. and SE.	
	79.98	The cor.of secs.8,9,16 and 17.	۹
		Land, rolling.	_
		Soil, very sandy loam, over 2 ft. deep; dry, coarse tex- ture, 2nd rate.	
		No timber.	
	· · ·	Undergrowth, oak brush and cacti.	
		N.0°01' E., pet. secs.8 and 9.	
•		Over rolling land, through scattering brush.	
	7.95	Cross wash, 50 lks.wide, course SE.	
	40.00	Cross wash, 1.50 chs. wide, course SW. 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 9 in	
		E. and $\frac{1}{4}$ S 8 in W.half; 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.	
	55.35	Cross wash, 12 1ks.wide, course NE.	
	68.55	Cross road, brs. NW.and SE.	
	80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs.4,5,8 and 9, marked on brass	
		cap,	
		T 19 S R 25 E in N.half,	
		S 5 in NW.,	
		S 4 in NE., S 9 in SE., and	
		S 8 in SW. quadrant; raise a mound of stone 2 ft.	
		base, $l\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.	4.
		Land, rolling. Soil, very sandy loam over 2 ft. deep; coarse texture, dry	Ģ
		2nd rate.	•
		No timber. Undergrowth, mesquite and cacti.	
		August 1: At this cor. I lay off 18° , $10\frac{1}{2}$ N.on the decl.	
		arc, and observe the sun on the meridian at noon; the	
		resulting lat.is 31°48'N.	
	_		
		West, on a random line, bet. secs.5 and 8.	
	40.00	Set temporary $\frac{1}{4}$ sec.cor.	
	79.96	Intersect N.and S. line 5 1ks.S.of cor.of secs.5,6,7 and 8	•

g	ubdivision of Township 19 South Range 25 East.	11.
Chains.	$\frac{1}{1} \frac{1}{1} \frac{1}$	•••• / /
	Thence I run,	16
	3.89°58'E. on a true line, bet. secs.5 and 8.	
0.21	Over rolling land, through scattering brush. Cross fence, brs. N.and S.	
23.41	Fence, brs. NW. and SE.	
33.61	Fence, brs. NW.and SE.	
39.76	Cross wash, 10 lks.wide, course NE. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the	
00.00	ground for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 5 in	
	N. and S 8 in S. half; 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.	
	Fence, brs.N.and S.	
45.21	Cross road, brs.N.and S.	
46.56	Cross road, brs. NW.and SE. Cross road, brs. NW.and SE.	
79.96	The cor. of secs. 4, 5, 8 and 9.	
	Land. rolling.	_
	Soil, very sandy loam over 2 ft. deep; dry, coarse texture 2nd rate.	ະ,
	No timber.	
	Undergrowth, mesquite and cacti.	
ę		
	N.0001'E., bet. secs.4 and 5.	
100 15	Over rolling land, through dense brush.	
18.45 20.45	Cross wash, 75 lks.wide, course NE. Cross wash, 1.00 ch. 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, 54 in	
	E. and $\frac{1}{4}$ S 5 in W, half; dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft.	
	base, l ¹ / ₂ ft. high, W.of cor.	
69.80	Cross road, prs. NE. and SW.	
86.46	Intersect N.bdy.of Tp., 4.18 chs.N.89°42'E, of cor.of secs. 32 and 33. A stone marked and witnessed as de-	
:	scribed by the Surveyor General.	
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in	
	the ground for closing cor. of secs. 4 and 5, marked on brass cap.	
	C C,S.of center,	
	T 18 S R 25 E S 32 S 33 in \mathbb{N} .half;	
	S 4 in SE., and S 5 in SW. quadrant; dig pits 24x18x12 ins.cross-	
	wise on each line E. and W. 3 ft. and S. of cor. 7 ft.	
	dist., and raise a mound of earth 4 ft. base, 2 ft.	
	high, S. of cor.	
	Land, rolling. Soil, very sandy loam, over 2 ft. deep, dry, coarse tex-	
. د	ture, 2nd rate.	
•	No timber.	
	Undergrowth, mesquite and cacti. August 1, 1911.	
	•	
	July 29, 1911: At 7h.00m.a.m., 1.m.t., I set off 31°44' N. on the lat.arc; 18°58'N. on the decl.arc, and de-	
	termine a meridian with the solar at the cor.of secs.	
.	3.4.33 and 34 on the S. bdy. of the Tp., heretofore described	
	$\mathbb{N}.0002$ 'E. bet. secs.33 and 34.	
	Over rolling land, through dense brush.	
14.60	Cross wash, 10 1ks.wide, course E. Cross wash, 5 1ks.wide, course SE.	
31.25 40.00	$d_{1} + d_{2} + d_{2} + d_{2} + d_{3} + d_{4} + d_{4$	
	the ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 34 in	
	E. and $\frac{1}{4}$ S 33 in W.half; dig pits $18x18x12$ ins.N.and	

40.00 79.98 11.70 30.65 39.99	 S.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W.of cor. Cross wash, 8 lks.wide, course SE. Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the corof secs.27,28,33 and 34, marked on brass cap, T 19 S R 25 E in N.half; S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. West, on a random line, bet. secs.28 and 33. Set temp. ½ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89591E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross Arizona 53 in S.half; dig pits 18x18x12 ins. in the ground for ½ sec.cor., marked on brass cap. 4 S28 in N. And S3 in S.half; dig pits 18x18x12 ins. in the ground for ½ sec.cor.
40.00 79.98 11.70 30.65 39.99	<pre>Cross wash, 8 lks.wide, course SE. Cross wash,8 lks.wide, course SE. Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the corof secs.27,28,33 and 34, marked on brass cap, T 19 S R 25 E in N.half; S 28 in NW., S 27 in NE., S 34 in SE., and a 33 in SV. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti.</pre>
40.00 79.98 11.70 30.65 39.99	<pre>Cross wash,8 lks.wide, course SE. Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the corof secs.27,28,33 and 34, marked on brass cap, T 19 S R 25 E in N.half; S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SV. quadrant; dig pits l8x18x12 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti.</pre>
40.00 79.98 11.70 30.65 39.99	 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the corof secs.27,28,33 and 34, marked on brass cap, T 19 S R 25 E in N.half; S 28 in NW., S 27 in NE., S 33 in SU. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ½ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. dian., 26 ins. in the ground for ¼ sec.cor.; marked on brass cap ¼ S 28 in N. and S 3 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
40.00 79.98 11.70 30.65 39.99	<pre>ground for the corof secs.27,28,33 and 34, marked on brass cap, T 19 S R 25 E in N.half; S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SV. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti.</pre>
40.00 79.98 11.70 30.65 39.99	 brass cap, T 19 S R 25 E in N.half; S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ½ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ½ sec.cor. marked on brass cap ½ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling.
40.00 79.98 11.70 30.65 39.99	 S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SV. quadrant; 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. Lapd, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89659'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor. marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
40.00 79.98 11.70 30.65 39.99	 S 27 in NE., S 34 in SE., and S 33 in SW. quadrant; 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. Länd, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ½ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. dian., 26 ins. in the ground for ½ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,26,33 and 34. Land, rolling.
40.00 79.98 11.70 30.65 39.99	<pre>S 34 in SE., and S 33 in SV. quadrant; 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 loam, over 2 ft. deep; dry, medium texture,1st rate. No timber. Undergrowth,mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SV. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry,medium texture;</pre>
40.00 79.98 11.70 30.65 39.99	 S 33 in SW. quadrant; 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. Länd, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor.; marked on brass cap. ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
40.00 79.98 11.70 30.65 39.99	<pre>sec.5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap. ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,26,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
40.00 79.98 11.70 30.65 39.99	 base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. 4 sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 4 sec.cor.; marked on brass cap. 4 S28 in N. and S 35 in S.half; dig pits l&xl&xl2 ins.E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft.base, 1½ ft. high, N.of cor. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
40.00 79.98 11.70 30.65 39.99	 Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N.and S. line 3 1ks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor.; marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
79.98 11.70 30.65 39.99	<pre>rate. No timber. Undergrowth,mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam,over 2 ft.deep; dry,medium texture;</pre>
79.98 11.70 30.65 39.99	No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. $\frac{1}{4}$ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SV. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor.; marked on brass cap $\frac{1}{4}$ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
79.98 11.70 30.65 39.99	<pre>Undergrowth, mesquite and cacti. West, on a random line, bet. secs.28 and 33. Set temp. ¼ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
79.98 11.70 30.65 39.99	<pre>West, on a random line, bet. secs.28 and 33. Set temp. 1 sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for 1 sec.cor., marked on brass cap 1 S 28 in N. and S 33 in S.half; dig pits 18x18x12 ins.E.and W.of cor. 3 ft.dist., and raise a mound of earth 31 ft.base, 11 ft. high, N.of cor. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
79.98 11.70 30.65 39.99	<pre>Set temp. ¼ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
79.98 11.70 30.65 39.99	<pre>Set temp. ¼ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
79.98 11.70 30.65 39.99	<pre>Set temp. ¼ sec.cor. Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
79.98 11.70 30.65 39.99	<pre>Intersect N.and S. line 3 lks.S.of the cor.of secs.28,29, 32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; dig pits l8x18x12 ins.E.and W.of cor. 3 ft.dist., and raise a mound of earth 3½ ft.base, l½ ft. high, N.of cor. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam,over 2 ft.deep; dry,medium texture;</pre>
11.70 30.65 39.99	<pre>32 and 33. Thence I run, S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
30.65 39.99	 S.89°59'E. on a true line, bet. secs.28 and 33. Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 4 sec.cor., marked on brass cap 4 S 28 in N. and S 33 in S.half; dig pits 18x18x12 ins E.and W.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft.base, 1¹/₂ ft. high, N.of cor. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
30.65 39.99	<pre>Over rolling land, through scattering brush, Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 4 sec.cor., marked on brass cap 4 S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
30.65 39.99	<pre>Cross Arizona Eastern R.R., bears NE.and SW. Cross road, brs. N.and S. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
30.65 39.99	<pre>Cross road, brs. N.and S. Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
39.99	<pre>Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;</pre>
•	ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 28 in N. and S 33 in S.half; 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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
79.98	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. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
79.98	ft.base, l_2^1 ft. high, N.of cor. The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
79.98	The cor.of secs.27,28,33 and 34. Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
19.90	Land, rolling. Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
× .	Soil, very sandy loam, over 2 ft.deep; dry, medium texture;
	lst.rate.
i	No timber.
	Undergrowth, mesquite and cacti.
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· .	N.0°02'E., bet. secs.27 and 28.
	Over level land.
	Cross road, brs.NW.and SE.
	Cross Arizona Eastern R.R., bears NE.and SW.
	Cross Arizona Eastern R.R., bears HW.and SE. Set an iron post 3 ft. long, 1 in . in diam., 26 ins. in
40.00	the ground for 4 sec.cor., marked on brass cap S 27 ir
	E. and $\frac{1}{4}$ S 28 in W.half; raise a mound of stone 2 ft.
	base, $1\frac{1}{2}$ ft. high, W.of cor. Pits impracticable.
	Fence, bears E.and W.
	Fence bears E.and W.
 77 50	Cross road, brs.E.and W. Cross wash, 20 lks.wide, course NE.
 80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. ir
00.00	the ground for cor of secs.21,22,27 and 28, marked on
	brass cap,
	T 19 S R 25 E in N.half;
	S 21 in NW.,
	S 22 in NE., S 27 in SE., and
	S 28 in SW.quadrant; dig pits 18x18x12 ins. in each
	El et dist and mains a mound of anth A ft
	Bec. D2 It. dist., and raise a mound of earth 4 it.
	sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor.
	base, 2 ft. high, W.of cor. Land level.
•	base, 2 ft. high, W.of cor. Land, level. Soil, sandy loam over 2 ft. deep; dry, medium texture;
	<pre>base, 2 ft. high,W.of cor. Land, level. Soil, sandy loam over 2 ft. deep; dry, medium texture; lst rate.</pre>
	base, 2 ft. high, W.of cor. Land, level. Soil, sandy loam over 2 ft. deep; dry, medium texture;
-	<pre>base, 2 ft. high,W.of cor. Land, level. Soil, sandy loam over 2 ft. deep; dry, medium texture; lst rate.</pre>

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BOOK 2009 13. Subdivision of Township 19 South, Range 25 East. Chains. 168 No undergrowth. July 29: At this cor. I set off 18°54'N., on the decl.arc, and observe the sun on the meridian at noon; the resulting lat.is 31°442'N. _____ West, on a random line, bet. secs.21 and 28. Set temp. $\frac{1}{4}$ sec.cor. 40.00 Intersect N.and S.line, 3 lks.N.of Cor.of secs.20,21,28 80.02 and 29. Thence I run, N.89°59'E. on a true line, bet. secs 21 and 28. Descending through scattering brush. Intersect E.side line of Edith Mining Claim, Sur No.2458, N.1°28' E., 3.33 chs. from SE. cor. 2.00 Cross wash, 15 lks.wide, course SW., ascend. Top of ridge, brs.N.and S.; descend. Foot of ridge, El Paso and Southwestern R.R., bears N.and 15.32 24.67 37.77 Foot of ridge, El Paso and Southwestern R.R., bears A.and S., over rolling land.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., marked on brass cap 4 S 21 in E. and S 28 in S.half; dig pits 18x18x12 ins. E.and W.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft.base, 1¹/₂ ft. high, N.of cor.
Cross road, brs. HW.and SE.
Cross road, brs. NE and SW.
The cor.of secs.21,22,27 and 28.
Land, rolling and hilly. 40.01 42.72 71.67 78.47 80.02 Land, rolling and hilly. Soil, very sandy loam, over 2 ft. deep; dry, coarse texture, 2nd rate, except 37.77 chs., which is rocky and worthless, 4th rate. No timber. Underbrush, oak brush, catclaw and cacti. N.0°02'E., bet. secs.21 and 22. Ascending through dense brush. Cross road, brs.NE.and SW. Cross road, brs.NW.and SE. 1.17 Cross road, brs.NW.and SE. Telephone line, bears NW.and SE. Cross wash, 30 lks, wide, course E. Cross road, brs.E.and W. El Paso and Southwestern R.R., bears NE.and SW. 3.05 5.70 7.50 11.25 El Paso and Southwestern R.R., bears NE.and SW. Top of hill, brs. E.and W.; descend. Cross wash, 30 lks.wide, course E.; ascend. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., marked on brass cap, 5 22 in E. and 4 S 21 in W.half; raise a mound of stone 2 ft.base, 12 ft. high, W.of cor. Pits impracticable. Top of ridge, brs.E.and W.; descend. Cross wash, 8 lks.wide, course NE. Cross wash, 15 lks.wide, course SE. Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs.15,16,21 and 22, marked on brass cap. 14.50 26.60 30.20 40.00 45.00 50.30 66.40 76.26 80.00 brass cap, T 19 S, R 25 E in N.half; S 16 in HW., S 15 in NE., S 22 in SE., and S 21 in SW. quadrant; raise a mound of stone 2 ft.base, 12 ft. high, W.of cor. Pits impracticable. Land, hilly. Soil, rocky and worthless, 4th rate. No timber. Undergrowth, meaquite, catclaw, greasewood and cacti. د. مرکز میکاند از میکاند.

<pre>16 Onalms 16 Provided Control of the part of a control frame for the set of the se</pre>	14.	Subdivision of Township 9 South. Range 25 East.
 20 and 21. There I run, 3.69650 E., bet. secs. 16 and 21, on a true line Descending through dense brush. 20.96 Cross road, bears IW.and 32. 31.41 Intersecting is a line of throw Mine claim, Sur No.2456 at 35.04 [D Fense and Solies.wide, convects]. 37.04 ED Fense and Solies.wide, convects]. 36.05 Est an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 2 sec.cor., marked on brases cap 3 16 in I. and S 21 in S.half; reise a mound of stone 2 ft. base, 12 ft. high, Nof core. Fits impracticable. 51.54 Top of ridge, brs.N.and S. 36.29 ED Face and Solikowestern R.R., bears N.B. and ST. 30.04 The core.of secs.15, 16, 21 and 22. 12.00 transition. 30.11 rocky and worthless, 4th rate. No timber. Undergrowth, catclaw, oak brush and cacti. July 29, 1911. August 2: At 7h.00m., a.m., 1.m.t., I set off 319465th.on the lat.arc; 17955th.on the decl.arc, and 4ctermine a meridian with the solar at the core secs.15, 16, 21 and 22. NoCCZE., bet. secs. 15 and 16. Gver volling land, through scattering brush. 3.55 Cross wash 30 New Wide, course HE. 3.40 El Paso and Southwestern R.R., bears E.W.and ST. 4.40 El Paso and Southwestern R.R., bears E.W.and ST. 4.40 El Paso and Southwestern R.R., bears E.M. and ST. 4.50 Cross road, bre. HE and ST. 57.72 Cross road, bre. HE.M.and ST. 56.732 Cross road, bre. HE.M.and ST. 57.742 Cross road, bre. HE.M.and ST. 56.55 Cross wash, 1.5 Ches. wide, course E. 75.74 Cross road, bre. HE.M.and ST. 56.56 Cross wash, 1.5 Ches. wide, course E. 76.91 Fence, bears E.M. and ST. 56.56 Cross road, bre. HE.M.and ST. 57.72 Cross road, bre. HE.M.and ST. 57.73 Cross ro	//09 Cha	
 20 and 21. There I run, 3.69650 E., bet. secs. 16 and 21, on a true line Descending through dense brush. 20.96 Cross road, bears IW.and 32. 31.41 Intersecting is a line of throw Mine claim, Sur No.2456 at 35.04 [D Fense and Solies.wide, convects]. 37.04 ED Fense and Solies.wide, convects]. 36.05 Est an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 2 sec.cor., marked on brases cap 3 16 in I. and S 21 in S.half; reise a mound of stone 2 ft. base, 12 ft. high, Nof core. Fits impracticable. 51.54 Top of ridge, brs.N.and S. 36.29 ED Face and Solikowestern R.R., bears N.B. and ST. 30.04 The core.of secs.15, 16, 21 and 22. 12.00 transition. 30.11 rocky and worthless, 4th rate. No timber. Undergrowth, catclaw, oak brush and cacti. July 29, 1911. August 2: At 7h.00m., a.m., 1.m.t., I set off 319465th.on the lat.arc; 17955th.on the decl.arc, and 4ctermine a meridian with the solar at the core secs.15, 16, 21 and 22. NoCCZE., bet. secs. 15 and 16. Gver volling land, through scattering brush. 3.55 Cross wash 30 New Wide, course HE. 3.40 El Paso and Southwestern R.R., bears E.W.and ST. 4.40 El Paso and Southwestern R.R., bears E.W.and ST. 4.40 El Paso and Southwestern R.R., bears E.M. and ST. 4.50 Cross road, bre. HE and ST. 57.72 Cross road, bre. HE.M.and ST. 56.732 Cross road, bre. HE.M.and ST. 57.742 Cross road, bre. HE.M.and ST. 56.55 Cross wash, 1.5 Ches. wide, course E. 75.74 Cross road, bre. HE.M.and ST. 56.56 Cross wash, 1.5 Ches. wide, course E. 76.91 Fence, bears E.M. and ST. 56.56 Cross road, bre. HE.M.and ST. 57.72 Cross road, bre. HE.M.and ST. 57.73 Cross ro	232 40	DO Set temp. $\frac{1}{4}$ sec. cor.
<pre>Thence I run, S.6995015., bet. secs. 16 and 21, on a true line. Descending through dense brush. 20.95 Cross read, bears NW.end 53. 31.44 Intersect E.side line of Mary Mine claim,Sur.No.2458 at S.06 Cross wash, 30 Fs.wide, course IS. 37.04 EI Fass and Southwestern R., bears NW.end SU. 40.02 Set an iron post 3 ft. long, 1 fs. dism., 26 ins. in the ground for i sec.cor., marked on brass cap (3 ld in E. and 521 in S.maif; raise a mound of store 2 ft. 51.54 For sec.ld ft. long, 1 fs. dism., 26 ins. 51.54 For sec.ld ft. down and store 12. 51.54 For sec.ld ft. down and store 2 ft. 51.54 For sec.ld ft. down and store 2 ft. 53.04 Cross weak 15 New Fide, course 12. 53.04 Cross weak 15 New Fide, course 12. 53.04 Cross weak 15 New Fide, and 20. 53.04 Dross weak 15 New Fide, and 20. 53.05 New Fide, and 20. 54.05 New Fide, and 20. 55.05 New Fide, and 20. 55.05 New Fide, and 55. 55.25 Cross weak, 14.55 New Fide, and 45. 55.25 Cross weak, 14.55 New Fide, and fide, an</pre>	80 4008	
 Descending through dense brush. 20.06 Gross read, bears HW. and SJ. 31.14 Intersect E.side line of Hary.Mine claim,Sur.No.2458 at 5.06 Gross wash, 30 hts.wide, course HJ. 37.04 EL Fess and Southwestern R.R., bears I.W. and SD. 40.02 Bet an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for j sec.or., marked on brass cap j 3 l6 in E. and S 21 in S.half; raise a mound of stone 2 ft. 51.54 Top of ridge, bras.and S, bears IW. and SV. 63.64 Top so and Bouthwestern H.R., bears IW. and SV. 63.64 Top so and Bouthwestern H.R., bears IW. and SV. 63.64 These set of 16 has a stone at 22. 60.64 These set of 16 has a stone at 22. 60.64 These set of 16 has a stone at 22. 60.64 These set of 16 has a stone at 22. 60.74 Land, hilly. 60.75 Land W. and Worthless, 4th rate. 10 these r. of 17.00 m, a.m., l.m.t., I set off 310464 theorem the latter; 17050 the sectering and 4 stermine a meridian with the solar st the core of secs.lo.16.21 No.02 the set of 0.00 start st the core of secs.lo.16.21 No.02 the set of 0.00 start st the core of secs.lo.16.21 No.02 the set of the sectering brush. 9.65 Cross wash, 18.00 the set st W and SY. 9.64 DI Bes and Southwestern R.R., bears IW and SY. 9.65 Cross wash, 18.00 the set st W and SY. 9.66 Distance of the set st a start on brass cap 15 in R. and j S 16 in W.half, jig.pits 16x16x12 ins. in 40.00 Et and ins. a start ins. in 36 of r. jet set of the set start on brass cap 15 in R. and j S 16 in W.half, jig.pits 16x16x12 ins. in 40.00 Et and ins. St. long, 2 ins.dim., 24 ins. in the ground for j sec.or. marked on brass cap 15 in R. and j S 16 in W.half, jig.pits 16x16x12 ins. in 40.00 Et an iron post 3 ft. long, 2 ins.dim., 24 ins. in the ground for jet sec.or. marked on brass cap 15 in R. and j S 16 in W.half, sec or sec. 3 (10, 10, 10, 10, 10, 10, 10, 10, 10, 10,		Thence I run,
 31.14 Intersect N. side ine of Mary Mine claim, Sur Mo.2458 at 1.79 chs. from cort.5. 35.04 Cross wash. 30 Dis.wide, course EX. 37.04 ER Fase and Southwestern R.R., bears Wand SE. 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for j sec.orr., marked on brass cap j 3 l6 in T. and 3 21 in S.half; raise a mound of stone 2 ft. base, l2 ft. high.Mof corr. Pite impracticable. 51.54 Top of ridge, brs.M. and S. 56.29 ER Fase and Southwestern R.R., bears M.M. SW. (3.04 The corr.of sec. 15, 16, 10 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.47 the corr.of sec. 15, 16, 21 at 22. 10.40 The corr.of sec. 15, 16, 21 at 22. 11.40 timber. 11.40 timber. 11.40 timber. 11.40 timber. 12.41 the solar at the corr.of secs.16, 16, 21 at 20. 14.40 ET and Subtwestern R.R., bears Wand SE. 14.40 EX is and Southwestern R.R., bears Wand SE. 14.40 EX is an inon post 3 ft. dong, 1 in. diam., 26 ins. in the ground for 3 sec.or., marked on brass cap 215 in the ground for 3 is 10 in 11 diam. 26 ins. in the ground for 3 is 10 in 12. 15.63 Cross wash, 1.50 chs. wide, course EX. 44.65 Cross road, brs. EX.and SW. 55.72 Cross road, brs. EX.and SW. 57.72 Cross road, brs. EX.and SW. 57.72 Cross road, brs. HE and SW. 57.83 Fence, bears E. and SW. 57.84 Fence, bears E. and SW. 58.55 Cross wash, 1.50 chs. wide, course EX. 59.60 proves 1.5 10 in 12., S 15 in 12. and SW. 57.72 Cross road, brs. EX.and SW. 57.84 Fence, bears E. and W. 58.55 road, brs., Ba.and SW. 57.64 Fe		Descending through dense brush.
 35.04 Cross wash, 30 Its.wide, course LZ. 37.04 El Passo and Southwestern R.R., beers W.and SE. 40.02 Set an iron post 3 ft. long, 1 in. diar., 26 ins. in the ground for g sec.orr. marked on brass cap f 3 l6 in I. and 3 21 in S.half; raise a mound of stone 2 ft. base, 14 ft. high, M.of corr. Pits impracticable. 51.54 Top of ridge, brs.J.and S, 56.29 El Passo and Southwestern R.R., bears MZ.and SW. 63.04 Cross wash 15 LKs.wide, course LZ. 60.04 The cor.of secs.l5.16.21 and 22. Land, hilly. Soil, rocky and worthless, 4th rate. No timber. Undergrowth, catclew, oak brush and cacti. July 29, 1911. August 2: At 7h.00m. a.m., l.m.t. I set off 31°46f*N.on the lat.arc; 17°55f*N. on the decl.arc, and determine a meridian with the solar at the cor.of secs.l5.16.21 w. Jong 22. N. Jong 22. N. Jong 22. Soil, bet. secs. 15 and 16. Soil and 25. Soil and 25	31	14 Intersect E.side line of Mary Mine claim, Sur. No.2458 at
 40.02 Set an iron post 3 ft. long, i in. diam., 26 ins. in the ground for j sec.or., marked on brease cap j 3 16 in N. and 3 21 in S. half; raise a mound of stone 2 ft. base, 1j ft. high, N.of cor. Pits impracticable. 51.54 Top of ridge, brs.i.and S. 56.25 El Paso and Southwestern R.R., bears NZ.and SW. 63.04 Cross wesh 15 1ks.wide, course 1E. 60.04 The cor. of secs.15,16,21 and 22. Land, hilly. Soil, rocky and worthless, 4th rate. No. 1, rocky and worthless, 4th rate. July 29, 1911. August 2: At 7h.00m., a.m., 1.m.t., I set off 31.0465/h.on the hat.arc, 17050/W. on the deal.arc, and 4termine a meridian with the solar at the cor.of secs.15,16,21 m.0002/E. bet. secs. 15 and 16. Over rolling land, through soattering brush. 9.55 Cross mash, 30 1ks.wide, course EE. 14.40 El Paso and Southwestern R.R., bears IW.and SE. 1. Solar and set in the ground for 4 sec.or., marked on brease cap 3 15 in B. and 4 5 16 in W.holf. dig. pits 18X18X12 ins.N. and 3.57 for a.s. 3 ft. long, 1 in. in diam., 26 ins. in the ground for 4 sec.or., marked on breas cap 3 15 in B. and 4 5 16 in W.holf. dig. pits 18X18X12 ins.N. and 3.57 ft. beas, 1.57 and SW. 56.50 Cross read, brs. JE and SW. 56.50 Cross read, brs. and SW. 56.50 Cross read, brs. and SW. <l< td=""><td></td><td>04 Cross wash, 30 lks.wide, course NE.</td></l<>		04 Cross wash, 30 lks.wide, course NE.
 N. and S 21 in S.half; raise a mound of stone 2 ft. base, 1 ft. high, lof oor. Pits impraticeble. 51.54 Top of ridge, brs.i.and S, 56.29 El Pase and Southwestern R.R., bears ME. and SW. 63.04 The cort of sees.15,16,21 and 22. Land, hilly. Joil, rocky and worthless, 4th rate. No timber. Undergrowth, catclaw,oak brush and cacti. July 29, 1911. August 2: At Th.00m., a.m., l.m.t., I set off Sle462'N.on the lat.arc; 197654'N. on the declare, and 4detrmine a meridian with the solar at the cort of sees.15,16,21 and 22. N.0002'E., bet. sees.15 and 16. Over rolling land, through secttering brush. 14.40 El Base and Southwestern R.R., bears NW.and ST. the ground for J sees.00 rol. Join of earth System States and the solar at the cort of sees.15,16,21 and 30 cort. 3 ft. long, 1 in. in diam., 26 ins. in the ground for J sees.00 rol. States and roles a mound of earth System to rest St. long, 1 in. in diam., 26 ins. in the ground for J sees.00 rol. States and roles a mound of earth System brus. ME.and SW. 60.00 Set an iron post 3 ft. long, 2 ins.dim., 24 ins. in the ground for or.of secs.9,10,15 and 16, marked on brass cosp, T 19 S R 25 F in El.and SW. 61.61 Dress meah, 1.50 chs. wide, course E. 76.91 Fence, bears Elend SW. 76.91 Fence, bears Elend SW. 76.91 Fence, bears 2. St. in El.and SW. 76.91 Fence, bears 2. St. in El.and SW. 76.91 Fence, bears 2. St. in El.and SW. 76.91 Fence, bears 2. St. in St., and roles a mound of earth Sy ft. disc., and T 19 S R 25 F in El.and SW. 76.91 Fence, bears 2. St. in St., and role a mound of earth a d. ft. base, 2 ft. high, word cor. 76.91 Fence, bears 2. St. in Elend SC. 76.91 Fence, bears 2. St. in St., and roles a mound of earth a ft. base, 2 ft. high, word cor. 76.91 In SV. quadrant; dig pits 18x18x12 ins. in each sec. St ft. dist., and roles a mound of earth a ft. base, 2 ft. high, Word cor. 77.1 Eard, rolli		02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 base, 12 ft. high, N.of cor. Pits impracticable. 51.54 Top of ridge, trs.S. And S. 56.25 El Paso and Southwestern R.R., bears DE. and S.V. 65.04 Cross weak 15 lts.wide, course DE. 80.04 Ind, Milly. Boil, rocky and worthless, 4th rate. Worker, and worker, and state an		ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 16 in N. and S 21 in S.half; raise a mound of stone 2 ft.
 56.29 El Paso and Southeestern R.R., bears NE.and SV. 65.40 Cross weak 15 liks.wide, course LE. 80.01 Inocky and worthless, 4th rate. No timber. Undergrowth, catclaw,oak brush and casti. July 29, 1911. August 2: At 7h.00m. a.m., l.m.t., I set off 31°46½ W.on the lat.arc; 197694 W.on the declarc, and determine a meridian with the solar at the cor.of secs.15, 16, 21 and 22. N.0002 E., bet. secs. 15 and 16. 9.55 Cross wash, 30 like.wide, course NE. 14.40 El Paso and Southeestern R.R., bears Wiend SE. 40.00 Stan iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for a sec. cor., marked on brass cap 8 l5 in R. and 25 l6 in W.hoff cor. 6 57.20 Cross mash, 1.50 chs. wide, course E. 76.31 Fonce, bears E.and W. 58.50 Cross mash, 1.50 chs. wide, course E. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for a sec.cor., marked on brass cap 8 l5 in R. and 2 S l6 in W.hoff dig pits l&NAS12 ins.N. and 3.07 cor. 3 ft. dist, and raise a mound of earth 3 ft. bess, là ft. long, 2 ins.dim., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap. T 19 S R 25 E in E.holf; 50 So cross mash, 1.50 chs. wide, course E. 76.31 Fonce, bears E.and W. 51 Jin SE., and S 15 in SE. Land, rollide. Soil, sendy loam, over 2 ft. deep; dry, medium texture, lat rate. No timber. Undergrowth, mesquite and cacti. Therefore N and S. line 3 like.N.of cor. of secs. 8,9,16 and 17. Thence I run, 	51	base, $l\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 80.04 The cor.of secs.15,16,21 and 22. Land, hilly. Soil, rocky and worthless, 4th rate. No timber. Undergrowth, catclaw,oak brush and cacti. July 29, 1911. August 2: At 7h.00m, a.m., 1.m.t., I set off 31946g'lon the lat.arc; 1765g'l. on the decl.arc, and 4etermine a meridian with the soler at the cor.of secs.15,16,21 and 22. N.0002'E. bet. secs. 15 and 16. Over rolling land, through scattering brush. 9.55 Cross wash, 30 lks-wide, course ME: 14.40 El Paso and Southwestern R.R. bears LW and SE. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for i sec.cor. marked on brass cap S 15 in R. and j S 16 in W.half; dig pits l&xl&xl [1 s.J. and j S 16 in W.half; dig pits l&xl&xl [1 s.J. and j S 16 in W.half; 57.2 Cross read, brs. HE.and SW. 57.2 Cross read, brs. HE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 60.00 Set an iron post 3 ft. long, 2 ins.dimm., 24 ins. in the ground for cor.of; secs. 9,10,15 and 16, marked on brass cap. T 19 S R 25 E in M.half; S 9 in iW., S 10 in 3E., S 10 in 3E., S 16 in SE., and S 16 in SW. quadrant; dig pits 18X18X12 ins. in each sec. 55 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sendy loam, over 2 ft. deep; dry, medium texture, list rate. No timber. Undergrowth, mesquite and cacti. "Test, on a random line, bet. secs.9 and 16. 40.00 Intersect H.and S. line 3 lks.H.of cor. of secs. 8,9,16 and 17. Thence I run, 	56	29 El Paso and Southwestern R.R., bears NE.and SW.
 Soil, rocky and worthless, 4th rate. No timber. Undergrowth, catclaw,oak brush and cacti. July 29, 1911. July 20, 1911. July 21, 1951. July 22. July 21, 1950. July 22. July 21. July 22. July 22. July 21. July 22. July 21. July 22. July 21. July 2		04 The cor.of secs.15,16,21 and 22.
 Undergrowth, catclaw,oak brush and cacti. July 29, 1911. John M. Massan July 29, 1911. July 20, 101 fill, 101		Soil, rocky and worthless, 4th rate.
 John M. Masan U. S. Transitman. August 2: At 7h.00m. a.m., l.m.t., I set off 31046¹/₂. on the lat.arc; 17699¹/₂. on the decl.arc, and determine a meridian with the soler at the cor. of secs. 15, 16, 21 and 22. N.0002'E., bet. secs. 15 and 16. Over rolling land, through scattering brush. 9.55 Cross wash, 30 lks.wide, course ME. 14.40 El Paso and Southwestern R.R., bears NW.and SE. 40.00 Set an iron poet 3 ft. long, l.in. in diam., 26 ins. in the ground for ¹/₂ sec.cor. marked on brass cap S 15 in E. and ¹/₂ S 16 in W.hnlf; dig pits 18x18x12 ins.N. and S. of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft. bese, l¹/₂ ft. high, W.of cor. 40.87 Cross road, brs. ME.and SW. 57.92 Cross road, brs. ME.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fonce, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.dirm., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in H.half; S 9 in NW., S 10 in NE., S 16 in SW. quadrant; dig pits 18x18x12 ins. in each sec. 5f ft. dist., and reise a mound of earth 4 ft. base, 2 ft. dist., and reise a mound of earth 4 ft. base, 2 ft. high, W.of cort. Land, rolling: Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. Test, on a random line, bet. secs.9 and 16. 80.02 Intersect N.and S. line 3 lks.N.of cort. of secs. 8,9,16 and 17. Thence I run, 		
 V. S. Transitzan. August 2: At 7h.00m.a.m., 1.m.t., I set off Sl²46¹/₂¹/₂. on the lat.arc; 17°59¹/₂¹/₂. on the decl.arc, and determine a meridian with the solar at the cor.of secs.15,16,21 and 22. N.0°02'E., bet. secs. 15 and 16. Over rolling land, through scattering brush. Cross wash, 30 lKs.wide, course NE. 14.40 El Paso and Southwestern R.R., bears LW.and SE. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ½ sec.cor., marked on brass cap S 15 in E. and ½ S 16 in W.half; dig pits 18×18×12 ins.N. and S.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft. bese, 1¹/₂ ft. high, W.of cor. 40.87 Cross road, brs. hE.and SW. 57.72 Cross road, brs. hE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9, 10, 15 and 16, marked on brass cap, T 19 S R 25 E in H.helf; S 9 in IW., S 10 in HE., S 15 in SE., and S 16 in SW. quadrant; dig pits 18×18×12 ins. in each sec. 5¹/₂ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, meaquite and cacti. Test, on a random line, bet. secs.9 and 16. 60.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8, 9, 16 and 17. Thence I run, 		
 August 2: At 7h.00m., a.m., l.m.t., I set off 31°46½ W.on the lat.arc; 17°59½ W. on the decl.arc, and determine a meridian with the solar at the cor.of secs.15,16,21 and 22. N.0°02'E., bet. secs. 15 and 16. Over rolling land, through scattering brush. 9.55 Cross wash, 30 lks.wide, course NE. 14.40 El Paso and Southwestern R.R., bears LW.and SE. 40.00 Set an iron post 3 ft. long, l in. in diam., 26 ins. in the ground for ½ sec.cor. marked on brass cap 3 15 in E. and ½ S 16 in W.half; dig pits 16x18x12 ins.J. and 3.61 cor. 3 ft. dist, and raise a mound of earth 3½ ft. base, 1½ ft. high.W.of cor. 40.67 Cross road, brs. HE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor. secs. 9,10,15 and 16, marked on brass cap. T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. "est, on a random line, bet. secs.9 and 16. 40.00 Set temporary ½ sec.cor". 80.00 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. 		John F. Hesse
<pre>the lat.arc; 17659½'N. on the decl.arc, and determine a meridian with the solar at the cor.of secs.15,16,21 and 22. N.0°02'E., bet. secs. 15 and 16. Over rolling land, through scattering brush. 9.55 Cross wash, 30 lks.wide, course NE. 14.40 El Paso and Southwestern R.R., bears UW.and SE. 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 15 in E. and ± S 16 in W.half; dig pits 18x18x12 ins.N. and S.of cor. 3 ft. dist., and raise a mound of earth 3 ft. bese, 1± ft. high, W.of cor. Cross road, brs. ME.and SW. 57.72 Cross road, brs. ME.and SW. 58.50 Cross wash, 1.50 ths. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of: secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in IW., S 10 in ME., S 10 in ME., S 10 in ME., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. "Test, on a random line, bet. secs.9 and 16. Set temporary ½ sec.cor. 80.02 Intersect N.and S. line 3 lks.M.of cor. of secs. 8,9,16 and 17. Thence I run,</pre>		U.S. Transitman.
<pre>the lat.arc; 17059±1N. on the decl.arc, and determine a meridian with the solar at the cor.of secs.15,16,21 and 22. N.0002'E., bet. secs. 15 and 16. Over rolling land, through scattering brush. 2.55 Cross wash, 30 lks.wide, course NE. 14.40 El Paso and Southwestern R.R., bears HW.and SE. 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 15 in E. and ± S 16 in W.half; dig pits 18x18x12 ins.N. and S.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 1± ft. nigh, W.of cor. Cross road, brs. HE.and SW. 57.72 Cross road, brs. HE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of: secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in HW. S 10 in ME., S 10 in ME., S 10 in ME., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, lat rate. No timber. Undergrowth, meaguite and cacti. Test, on a random line, bet. secs.9 and 16. Set temporary ± sec.cor. 80.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run,</pre>	**	
 a meridian with the solar at the cor.of secs.15,16,21 and 22. N.0002'E., bet. secs. 15 and 16. Over rolling land, through scattering brush. 9.55 Cross wash, 30 lks.wide, course NE. 14.40 El Paso and Southwestern R.R., bears NW.and SE. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1 sec.cor., marked on brass cap S 15 in E. and 1 S 16 in W.half; dig pits 18x18x12 ins.N. and S.of cor. 3 ft. dist., and raise a mound of earth 37 ft. bese, 17 ft. high, W.of cor. 40.87 Cross road, brs. ME.and SW. 57.72 Cross road, brs. ME.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SV. quadrant; dig pits 18x18x12 ins. in each sec. 5% ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. Test, on a random line, bet. secs.9 and 16. Set temporary ½ sec.cor'. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		August 2: At 7h.00m., a.m., l.m.t., I set off $31^{\circ}46\frac{1}{2}$ 'N.on
 N.0°02'E, bet. secs. 15 and 16. Over rolling land, through scattering brush. 9.55 Cross wash, 30 lks.wide, course NE. 14.40 El Paso and Southwestern R.R., bears lW.and SE. 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 15 in E. and ± S 16 in W.half; dig pits 18x18x12 ins.N. and S.of cor. 3 ft. dist., and raise a mound of earth St ft. bese, l± ft. high,W.of cor. 40.87 Cross road, brs. NE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. Yest, on a random line, bet. secs.9 and 16. Yest, on a random line, bet. secs.9 and 16. SoiO2 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		a meridian with the solar at the cor.of secs.15,16,21
 9.55 Cross wash, 30 lks.wide, course NE. 14.40 El Paso and Southwestern R.R., bears NW.and SE. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1 sec.cor., marked on brass cap 3 15 in E. and 1 S l6 in W.half; dig pits 16x16x12 ins.N. and S.of cor.3 ft. dist, and raise a mound of earth 31 ft. bese, 11 ft. high, W.of cor. 40.87 Cross read, brs. NE.and SW. 57.72 Cross read, brs. NE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in N.half; S 9 in NW., S 10 in NE., S 16 in SE., and S 16 in SE., and S 16 in SW. quadrant; dig pits 16x18x12 ins. in each sec. 51 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rste. No timber. Undergrowth, mesquite and cacti. "east, on a random line, bet. secs.9 end 16. Set remporary 1 sec.cor. No timber. Undergrowth, mesquite and cacti. Thence I run, 		
 14.40 El Paso and Southwestern R.R., bears hW.and SE. 40.00 Set an iron post 3 ft. long, l in. in diam., 26 ins. in the ground for ½ sec.cor., marked on brass cap S 15 in E. and ½ S 16 in W.half; dig pits 18x18x12 ins.N. and S.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high. Wof cor. 40.87 Cross road, brs. NE.and SW. 57.72 Cross road, brs. NE.and SW. 57.72 Cross road, brs. NE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of: secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in H.half; S 9 in IW., S 10 in ME., S 16 in SW. quadrent; 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 loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. 	9.	
 the ground for ‡ sec.cor., marked on brass cap S 15 in E. and \$ S 16 in W.half; 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. 40.87 Cross road, brs. NE.and SW. 57.72 Cross road, brs. NE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of: secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.9 and 16. Set temporary ½ sec.cor. 80.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 	14.	0 El Paso and Southwestern R.R., bears NW.and SE.
 and S.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W.of cor. 40.87 Cross road, brs. NE.and SW. 57.72 Cross road, brs. NE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of. secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in H.haif; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. 40.00 Set temporary ½ sec.cor. and 17. Thence I run, 		the ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 15
 40.87 Cross road, brs. NE.and SW. 57.72 Cross road, brs. NE.and SW. 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rste. No timber. Undergrowth, mesquite and cacti. 		and S.of cor. 3 ft. dist., and raise a mound of earth
 58.50 Cross wash, 1.50 chs. wide, course E. 76.91 Fence, bears E.and W. 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. 40.00 West, on a random line, bet. secs.9 and 16. 80.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		7 Cross road, brs. NE. and SW.
 80.00 Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in M.half; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; dig pits 18x18x12 ins. in each sec. 5¹/₂ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. 40.00 Set temporary ½ sec.cor. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 	58.	0 Cross wash, 1.50 chs. widę, course E.
<pre>ground for cor.of: secs. 9,10,15 and 16, marked on brass cap, T 19 S R 25 E in H.half; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti.</pre>		
 T 19 S R 25 E in M.half; S 9 in NW., S 10 in ME., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.9 and 16. 40.00 Set temporary ½ sec.cor. Intersect N.and S. line 3 1ks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		ground for cor.of secs. 9,10,15 and 16, marked on
 S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.9 and 16. Set temporary ½ sec.cor. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		T 19 S \hat{R} 25 E in H.half;
 S 16 in SW. quadrant; 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 loam, over 2 ft. deep; dry, medium texture, 1st rate. No timber. Undergrowth, mesquite and cacti. West, on a random line, bet. secs.9 and 16. Set temporary ½ sec.cor. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		S 10 in NE.,
 4 ft. base, 2 ft. high, W.of cor. Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. 40.00 Set temporary ½ sec.cor. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		S 16 in SW. quadrant; dig pits 18x18x12 ins. in
 Soil, sandy loam, over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti. 40.00 40.00 40.00 Set temporary ½ sec.cor. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		4 ft. base, 2 ft. high, W.of cor.
 1st rate. No timber. Undergrowth, mesquite and cacti. 40.00 40.00 80.02 40.00 Set temporary ½ sec.cor. Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run, 		Land, rolling. Soil, sandy loam, over 2 ft. deep; dry, medium texture,
40.00 80.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run,		lst rate.
40.00 Set temporary 1 sec.cor. 80.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run,		
40.00 Set temporary 1 sec.cor. 80.02 Intersect N.and S. line 3 lks.N.of cor. of secs. 8,9,16 and 17. Thence I run,		West on a random line bet. secs.9 and 16.
and 17. Thence I run,		0 Set temporary 2 sec.cor.
	. 08	and 17.

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Chains.	division of Township 9 South, Range 25 East. 2326.15.
	Over rollingland, through scattering brush.
1.40	Oross road, bears NW.and SE.
5.10	Fence, bears N.and S.
5.91	Fence, bears M.and S.
7.08	Cross road, bears HW.and SE.
17.52	Cross wash, 1.00 ch. wide, course SE.
40.01	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
• •	ground for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 9 in N.,
	and S 16 in S.half; 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 ¹ / ₂ ft. high, N.of cor.
41.07	Cross road, brs. N.and S.
41.40	Fence, brs.N.and S.
80.02	The cor.of secs.9,10,15 and 16.
	Land, rolling.
	Soil, sandy loam, over 2 ft.deep, dry; medium texture;
	lst rate.
	No timber.
•••	Underbrush, mesquite and cacti.
	N.0°02' E., bet. secs.9 and 10.
	Over rolling land, through scattering brush.
16.76	Fence, bears E.and W.
23.98	Cross road, brs.HE.and SW.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
20100	ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 10 in E,
• .	and $\frac{1}{4}$ S 9 in W.half; dig pits 18x18x12 ins., N.and S.of
¢ i	cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
	base, 1 ¹ / ₂ ft. high, W.of cor.
43.11	Cross wash, 8 1ks.wide, course SE.
52.84	Cross road, bears NE.and SW.
60.90	Cross wash, 10 lks.wide, course NE.
80.00	Set an iron post 3 ft. long, 2 ins .diam., 24 ins.in the
	ground, for cor.of secs. 3,4,9 and 10, marked on
	brass cap,
· ·	T 19 S R 25 E in N.half;
	S 4 in NW.,
	S 3 in NE.
	S 10 in SE., and
	S 9 in SW. quadrant; 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, over 2, ft. deep; dry, medium texture; 1st
	rate.
Y	No timber.
, ·	Undergrowth, mesquite and cacti.
	August 2: At this cor. I set off 17° $55\frac{1}{2}$ 'N. on the decl.
•	arc, and observe the sun on the meridian at noon; the
	resulting lat.is 31°48'H.
•	· · · · · · · · · · · · · · · · · · ·
	e e e e e e e e e e e e e e e e e e e
	West, on a random line, bet. secs.4 and 9.
	Set temp. 1/4 sec.cor.
80.10	Intersect N.and S. line 3 lks.S.of cor.of secs.4,5,8 and
	9.
	Thence I run,
	S.89°59'E. on a true line, bet. secs.4 and 9.
	Over rolling land, through dense brush.
11.19	Ascend rocky ridge.
22.10	Top of ridge, brs. H. and S.; descend.
36 .45	Foot of ridge, cross road, bears IE.and SW.; over rolling
	land.
40.05	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
1	the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 4
	in N. and S 9 in S.half; raise a mound of stone 2 ft. base, $l\frac{1}{2}$ ft. high, N.of cor. Pits impracticable.

7/ 2328 54	Chains	livision of Township 19 South, Range 25 East,
// 329	72.43	Cross road, bears NE.and SW.
L	80.10	The cor.of secs.3,4,9 and 10.
D _k		Land, rolling and hilly.
		Soil, rocky and worthless, 4th rate.
		No timber.
		Undergrowth, catclaw and cacti.
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	•	
		N.0°02' E., bet. secs. 3 and 4.
	28.58	Over rolling land, through scattering brush. Cross road, bears 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 S 3 in
		E. and $\frac{1}{4}$ S 4 in W.half; dig pits 18x18x12 ins. N.and
		S. of cor: 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$
	86 83	ft.base, 1 ¹ / ₂ ft. high, W.of cor. Intersect N.bdy.of Tp., 4.24 chs. N.89°47'E. of cor.of
	00.00	secs. 33 and 34; a stone marked and witnessed as de-
		scribed by the Surveyor General.
		Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in
		the ground for closing cor.of secs. 3 and 4, marked
		on brass cap, C C, S of center,
		T 18 S R 25 E S 33 S 34 in N.half;
		S 3 in SE., and
		S 4 in SW. quadrant; dig pits 24x18x12 ins.crosswise
	:	on each line, E.and W. 3 ft., and S.of cor. 7 ft. dist.
		and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
		Land, rolling.
		Soil, very sandy loam, over 2 ft. deep; dry, medium tex-
		ture; 2nd rate.
		No timber.
		Undergrowth, mesquite and cacti. August 2, 1911.
		July 31: At 7h.00m., a.m., 1.m.t., I set off $31^{\circ}43\frac{1}{2}$ 'N.on
		the lat.arc; 18°29'N. on the decl.arc, and determine
		a meridian with the solar at the cor.of secs.2,3,34
		and 35 on the S.bdy.of the Tp., heretofore described
		N.0°02' E., bet. secs.34 and 35.
	25.00	Over rolling land, through dense brush. Cross wash, 1.00 ch. wide, course NE.
	35.88	Cross road, bears NW.and SE.
	40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
		ground for 1 sec.cor. marked on brass cap. S 35 on E.
		and $\frac{1}{4}$ S 34 on W.half; dig pits 18x18x12 ins., M.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.
	40.95	Cross road, bears NNW. and SSE.
		Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the
		ground for cor.of secs.26,27,34 and 35, marked on brass
		cap,
		T 19 S R 25 E in N.half, S 27 in NW.,
		S 26 in NE.,
		S 35 in SE., and
		S 34 in SW. quadrant; 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, over 2 ft. fleep, mixed with coarse
		gravel, dry; 2nd rate.
		No timber. Undergrowth, mesquite and cacti.
1		

17.	Subdivision of Township 19 South, Range 25 East.
Chains.	
	West, on a random line, bet. secs.27 and 34.
40.00	Set temp. 1 sec.cor.
80.02	Intersect N.and S. line, 10 lks.N.of cor. of secs. 27,28, 33 and 34.
	Thence I run.
	N.89°56'E. on a true line, bet. secs.27 and 34.
80.00	Over rolling land, through scattering brush.
39.80	Cross road, brs. NW.and SE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
40.01	the ground for $\frac{1}{2}$ sec. cor. marked on brass cap $\frac{1}{2}$ S Z/
	in N., and S 34 in S.half; raise a mound of stone 2 It.
54.65	base, 12 ft. high, N.of cor. Pits impracticable. Cross wash, 10 lks.wide, course SE.
67.35	Cross wash, 30 1ks.wide, course NE.
75.25	Cross road, bears N.and D.
80.02	The cor of secs.26,27,34 and 35.
	Land, rolling. Soil, very sandy loam, mixed with coarse gravel and rocks,
	2nd note
	No timber. Undergrowth, mesquite and cacti.
.	
	N.0002'E., bet. secs.26 and 27.
	Over rolling land, through scattering brush.
1.00 7.33	Cross wash, 20 lks.wide, course SE. Cross road, brs. IE.and SW.
14.00	Cross road, bears NW, and SE.
24.85	Cross road, bears NE.and SW.
28.06	Arizona Eastern R.R., bears WNW. and ESE. Cross road, bears NW.and SE.
39.75	Cross week 10 lks.wide, course SE.
40.00	Get on iron nost 3 ft. long, 1 in. diam. 20 ins. in the
	ground for $\frac{1}{4}$ sec.cor., marked on brass cap, S 26 on E. and $\frac{1}{4}$ S 27 on W.half; dig pits 18x18x12 ins. N.and S.
	of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
	base. 14 ft. high, W.of cor.
43.05	Cross road, bears NW.and SE.
45.43	Cross road, bears W.and SE. Cross wash, 20 1ks.wide, course NE.
74.62	Cross road, bears ENE. and WSW.
74.86	Telephone line bears WIW. and ESE.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs.22,23,26 and 27, marked on brass
	cap,
	T 19 S R 25 E in \mathbb{N} .half;
	S 22 in HW.
	S 23 in NE., S 26 in SE., and
	s 27 in SW, quadrant: dig pits 18x18x12 ins. in
	each sec. 51 ft. dist., and raise a mound of earth 4
	ft. base, 2 ft. high, W.of cor. Land, rolling.
	Soil, sandy loam, mixed with coarse gravel, 2nd rate. No
	timber
:	Undergrowth, mesquite, cacti and broomweed. July 31: At this cor. I set off 18° 25½'N. on the decl.
	arc. and observe the sun on the merrian at moon, the
	resulting lat. is 31° $45\frac{1}{2}$ ' N.
¢	West, on a random line, bet. secs.22 and 27.
40.00	$3a \pm a a a$
7 9 .9 8	
	Thence I run, East, on a true line, bet. secs.22 and 27.
	Over rolling land, through scattering blush.
	Grand moch. 35 lkg. wide course by
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 20 inst in
	the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 22
< lo est	

Conserver .

hains	BOOK 2326 Subdivision of Township 19 South, Range 25 East.
	in N. and S 27 in S.half; dig pits $18x18x12$ ins E.and W.of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$
41.12	ft. base, $l\frac{1}{2}$ ft. high, N.of cor. Cross road, bears WNW. and ESE.
42.28	Telephone line bears WNW. and ESE.
	Cross wash, 8 lks.wide, course SE. Cross road, brs. NW. and SE.
79.98	The cor.of secs.22,23,26 and 27.
•	Land, rolling. Soil, sandy loam mixed with coarse gravel, 2nd rate.
	No timber. Undergrowth, mesquite and cacti.
	N 00001E bet seen 90 and 07
	N.0°02'E.bet. secs.22 and 23. Over rolling land, through scattering brush.
19.00	Cross wash, 2.00 chs. wide, course NE. Cross wash, 20 lks.wide, course SE.
39.58	Cross road, brs. NW. and 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, S 23
	in E., and $\frac{1}{4}$ S 22 in W.half; dig pits 18×12 fns. N and S.of cor. 3 ft. dist., and raise a mound of
44.05	earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. W.of cor.
57.26	El Paso and Southwestern R.R., bears NW.and SE. Cross road, bears NE. and SW.
65. 00	Cross wash, 50 lks.wide, course SE. Cross road, bears NE.and SW.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
	ground for the cor.of secs.14,15,22 and 23, marked on brass cap,
	T 19 3 Ř 25 E in N.half; S 15 in NW.,
•	5 14 in NE.,
	S 23 in SE., and S 22 in SW. quadrant; raise a mound of stone 2 ft.
	base, 12 ft. high, W.of cor. Pits impracticable. Land, rolling.
	Soil, sandy loam, mixed with coarse gravel and rocks, 2nd rate.
	No timber.
	Undergrowth, broomweed and cacti.

40.00	West, on a random line, bet. secs.15 and 22. Set temp. $\frac{1}{4}$ sec.cor.
	Intersect N.and S. line 3 Tks.S.of cor.of secs.15,16,21
	and 22. Thence I run,
	S.89°59'E., on a true line, bet. secs.15 and 22. Over rolling land, through scattering brush.
	Cross wash, 10 lks.wide, course SE.
	El Paso and Southwestern R.R., bears IW.and SE. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
•	ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 15 in N. and S 22 in S.half; raise a mound of stone 2 ft.
n a 70	base, $l\frac{1}{2}$ ft. high, N, of cor. Pits impracticable.
10.38 80.02	Cross road, bears ME.and SV. The cor.of secs.14,15,22 and 23.
	Land, rolling. Soil, sandy loam, mixed with coarse gravel and rocks,
	3rd rate.
	No timber. Undergrowth, mesquite, catclaw and cacti.
	July 31, 1911.
	August 3: At 7h.00m., a.m., 1.m.t., I set off $31^{\circ}46\frac{1}{2}$ 'N.on
	the lat.arc; 17°44'N. on the decl.arc. and determine

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S	BOOK 2326 ubdivision of Township 19 South, Range 25 East.
Chains	•
	a meridian with the solar at the cor.of secs.14,15,22
	and 23.
	N.0°02'E., bet. secs.14 and 15. Over rolling land, through scattering brush.
12.00	
24.36	Cross wash, 50 lks.wide, course SE.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
	ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 14 in E. and $\frac{1}{4}$ S 15 in W.half; 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 ¹ / ₂ ft. high, W.of cor.
51.28 70.82	Cross road, brs. NW.and SE. Cross road, bears NE.and SW.
80.00	Set an iron post 3 ft. long. 2 ins. diam., 24 ins. in
	the ground for cor.of secs.10,11,14 and 15, marked on
	brass cap,
	T 19 S R 25 E in N.half; S 10 in NW.,
•	S 11 in NE.,
	S 14 in SE., and
	S 15 in SW. quadrant; 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, mixed with coarse gravel, 2nd rate. No timber.
	Undergrowth, mesquite and cacti.
	West, on a random line, bet. secs.10 and 15.
40.00	Set temp. 4 sec.cor.
80.04	Intersect N.and S. line 7 lks.N.of the cor.of secs.9,10, 15 and 16.
	Thence I run,
	N.89°57'E.on a true line, bet. secs.10 and 15.
6.25	Over rolling land. Cross road, bears NE.and SW.; chimney on adobe house,
0.20	brs. N.48° 47'E.
40.02	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
	ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 10 in N. and S 15 in S.half; dig pits 18x18x12 ins. E.and W.of
	cor. 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft.
ι·	base, $l\frac{1}{2}$ ft. high, N. of cor.
42.29	Fence bears N.and S.
42.36 80.04	Chimney on adobe house, bears N.77°07'W. The cor.of secs.10,11, 14 and 15.
00.01	Land, rolling.
1. 1.	Soil, sandy loam, mixed with coarse gravel, 2nd rate.
	No timber.
	No undergrowth.
	N.0°02' E., bet. secs. 10 and 11.
	Over rolling land, through scattering cacti.
20.65	Cross road, bears NE.and SW. Cross road, bears NE.and SW.
25.00 37.70	Cross road, bears NE.and SW. Cross wash 20 lks.wide, course SE.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
	the ground for 1 sec.cor., marked on brass cap, S 11
	in E. and $\frac{1}{4}$ S 10 in W.half; dig pits $18 \times 18 \times 12$ ins. H.
•	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.
67.50	Cross road, bears NE.and SW.
72.58	Cross wash 8 lks.wide. course SE.
80.00	Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the
	ground for cor of secs. 2,3,10 and 11, marked on
	brass cap, T 19 S R 25 E in N.half;
	S 3 in NW.,
	na na serie de la companya de la com No de la companya de l
en al ser da arrier	

77	Chains .	
7.5 235	Ø	S2 in NE.,
23		S 11 in SE., and
ot		S 10 in SW. quadrant; dig pits 18x18x12 ins. in each
<i>y</i> O		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, mixed with coarse gravel, 2nd rate.
		No timber.
		Undergrowth, cacti.
		August 3: At this cor. I set off 17°40'N. on the decl.
		arc, and observe the sun on the meridian at noon; the
		resulting lat. is 31°48'N.
	×	
		West, on a random line, bet. secs.3 and 10.
	40.00	Set temp. 1/2 sec.cor.
	80.06	Intersect H.and S. line, 3 lks.S.of cor. of secs.3,4,9
		and 10. Thence I run,
		S.89°59'E., on a true line, bet. secs.3 and 10.
		Over rolling land.
		Cross road, bears NE and SW.
		Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
		ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 3 in
		N. and S 10 in S.half; 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.
	54.60	Cross wash, 8 lks.wide, course HE.
	73.66	Cross road, bears NE.and SW.
	80.06	The cor.of secs.2, 3,10 and 11.
		Land, rolling.
	t t '	Soil, very sandy loam, over 2 ft. deep; dry, coarse tex-
		ture; 2nd rate.
		No timber.
	-	
	, r	N.0°02' E., bet. secs. 2 and 3.
		Over rolling land.
τ		Cross road, bears NE.and SW.
		Cross wash, 15 1ks.wide, course NE.
	40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 2 in E.,
		and $\frac{1}{4}$ S 3 in W.half; dig pits 18x18x12 ins. N.and S.
		of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
		base, 12 ft. high, W.of cor.
	87.24	Intersect N.bdy.of Tp.4.18 chs. N.89°44'E. of cor.of secs
		34 and 35, a stone marked and witnessed as described
		by the Surveyor General.
		Set an iron post 3 ft.long, 2 ins.diam., 24 ins. in the
		ground for closing cor.of secs.2 and 3, marked on brass cap,
		C C, S of center,
		T 18 3 R 25 E S 34 S 35 in N.half;
		S 2 in SE., and
		3 3 in SW. quadrant; dig pits 24x18x12 ins.crosswise
		on each line, E.and W. 3 ft., and S.7 ft. dist., and
		raise a mound of earth 4 ft.base, 2 ft. high, S.of cor.
		Land, rolling. Soil, sandy loam, mixed with coarse gravel, 2nd rate.
		No timber.
		August 3, 1911.
		John & Hesse U. S. Transitman.
		, U.S. Transitman.
		Tular 21. At the same of soften 1 0 25 and 24 an the is har-
		July 31: At the cor. of sets. 1,2,35 and 36 on the S.bdy. of the Tp , I set off 18°25½'N.on the decl.arc, and
		observe the ave as the second the dect ard, and
		observe the sun on the meridian at nooh; the resulting

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POCK 2326 Subdivision of Township 19 South, Range 25 East. Chains . 176 lat is $31^{\circ}43^{\frac{1}{2}}$ 'N, N.0°03'E., bet. secs.35 and 36. Over level land, through dense brush. Over level land, through dense brush. Cross wash, 15 lks.wide, course SE. Set an iron post, 3 ft. long, 1 in.diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap S 36 in E. and ¼ S 35 in W.half; 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. Cross wash, 30 lks.wide, course E. Cross wash, 23 lks.wide, course SE. Set an iron post 3 ft. long 2 ins. diam. 24 ins. in the 38.75 40.00 45.65 65.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs.25,26,35 and 36, marked on brass 80.00 cap, T 19 S R 25 E in N.half, S 26 in NW., S 25 in NE., S 36 in SE., and S 35 in SW. quadrant; 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. Soil, gravel over 2 ft.deep; dry, medium texture; 1st rate. No timber. Undergrowth, mesquite and catclaw. West, on a random line, bet. secs.26 and 35. Set temp. $\frac{1}{4}$ sec.cor. Intersect N.and S.line at the cor.of secs.26,27,34 and 35. 40.00 79**..9**8 Thence I run, East, on a true line, bet. secs.26 and 35. Over level land, through dense brush. Cross wash, 20 lks.wide, course SE. Cross same wash, course NE. 4.23 22.38 Cross same wash, course SE. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 26 in N. and S 35 in S.half; dig pits 18x18x12 ins. E.and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. 24.08 39.99 base, $1\frac{1}{2}$ ft. high, H.of cor. The cor.of secs.25, 26, 35 and 36. 79.98 Land, level. Soil, gravel, over 2 ft. deep, dry, medium texture; 1st rate. No timber. Undergrowth, mesquite. July 31, 1911. August 1: At 7h.00m., a.m., 1.m.t., I set: off 31°44½'N. on the lat.arc; 18°14½'N. on the decl.arc, and deter-mine a meridian with the solar at the cor.of secs.25, 26,35 and 36. East, on a random line, bet. secs.25 and 36. 40.00 Set temp. 4 sec.cor Intersect E.bdy.of Tp. 18 1ks. 5, 2905 E. of cor. of secs. 25, 30, 31 and 36, a mound witnessed as described by the 92.58 Surveyor General . Thence I run, S.89°53'W., on a true line, bet. secs.25 and 36. Over level land, through scattering brush. Cross road, brs. NW.and SE. 14.58 Arizona Eastern R.R., bears NE.and SW. Arizona Eastern R.R. (side track) bears NW.and SE. 31.44 31.96 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the 52.58 ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 25 in N. and S 36 in S.half; dig pits 18x18x12 ins.E.and V.

		ubdivision of Township 19 South, Range 25 East.
177	Chains.	
$\left(\begin{array}{c} 7 \end{array} \right)$	0,50	of cor. 3 ft.dist., and raise a mound of earth $3\frac{1}{2}$ ft.
à	72.18	base, 1 ¹ / ₂ ft. high, N.of cor. Cross wash, 10 lks.wide, course SE.
,0 ⁰ ,	87.73	Cross wash, 10 lks.wide, course SE.
	92.58	The cor.of secs.25,26,35 and 36.
		Land, level. Soil, sandy loam, over 2 ft. deep; dry, medium texture;
		lst rate.
		No timber.
		Undergrowth, mesquite and cacti.
		N.0°03' E., bet. secs. 25 and 26.
		Over level land, through dense brush.
	1.58	Cross wash, 15 1ks.wide, course E.
	16.82	Arizona Eastern R.R., bears WNW. and ESE.
	26.60 33.80	Cross road, bears NE.and SV. Cross wash, 10 1ks.wide, course SW.
	40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
		ground for $\frac{1}{4}$ sec.cor. marked on brass cap S 25 in E.,
		and $\frac{1}{4}$ S 26 in W.half; dig pits $18 \times 12 \times 12$ ins. N.and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
		or cor. 5 it. fist., and raise a mound of earth 5_2 it. base, $1\frac{1}{2}$ ft. high, W.of cor.
	56 .3 0	Cross road, brs. NW.and SE.
	63.04	Telephone line, bears NW.and SE.
	76.34	El Paso and Southwestern R.R., bears NW.and SE. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
	80.00	in the ground for cor.of secs.23,24,25 and 26, marked
		on brass cap,
		T 19 S R 25 E in N.half,
		S 23 in NW., S 24 in NE.,
		S 25 in SE., and
		S 26 in SW. quadrant; 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.
		Soil, sandy loam, over 2 ft. deep; dry, medium texture;
		lst rate.
		No timber. Undergrowth, mesquite.
		West, on a random line, bet. secs.23 and 26.
	40.00	Set temp. $\frac{1}{2}$ sec.cor.
	80.02	Intersect N.and S. line, 3 lks.S.of cor.of secs.22,23,26
		and 27. Thence I run,
		S.89°59'E., on a true line, bet. secs.23 and 26.
		Over level land, through dense brush.
	35.70	
,	40.01	ground for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 23 in
	• •	N. and S 26 in S.half; dig pits 18x18x12 ins.E.and W.
	۲	of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$
	41.91	ft.base, 12 ft. high; N.of cor. Fence bears N.and S.; house bears S.2.27 chs.dist.
	74.21	El Paso and Southwestern R.R.: bears NW.and SE.
	80.02	The cor. of secs. 25, 24, 25 and 26.
		Land, level. Soil, sandy loam, over 2 ft. deep; dry, medium texture;
		lst rate.
		No timber. Undergrowth, mesquite.
		August 1: At this cor. I set off 18° 102'N.on the decl.
		arc, and observe the sun on the meridian at noon; the
		resulting lat. is 31° $45\frac{1}{2}$!N.
		East, on a random line, bet. secs.24 and 25.
	40.00	Set temp. $\frac{1}{4}$ sec.cor.
	40.00	Set temp. $\frac{1}{4}$ sec.cor.

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		BOOK 2828 :23	$\overline{}$
•	Chains. 89.44	Intersect E. bdy. of Tp.7 lks.S.2°05'E.of cor. of secs. 19, 24, 25 and 30, a mound, witnessed as described by the Surveyor General.	178
	16.99 49.44		
	60.39 83.39	in N. and S 25 in S.half; 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. Cross wash, 10 1ks.wide, course SE. Cross road, bears NW.and SE.	
	89.44	The cor.of secs.23,24,25 and 26. Land, level. Soil, sandy loam, over 2 ft. deep, dry; medium texture, lst rate. No timber. Undergrowth, mesquite.	
	6.53 40.00		
<u> </u>	75.75 80.00	ft.base, 11 ft. high, W.of cor. Cross road, bears E.and W. Set an iron post 3 ft. long, 2 ins.diam., 24 ins. in the ground for cor.of secs. 13,14,23 and 24, marked on brass cap, T 19 S R 25 E in N.half,	
		S 14 in NW., S 13 in NE., S 24 in SE., and S 23 in SW. quadrant; 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. Soil, sandy loam over 2 ft. deep; dry, medium texture, lst rate. No timber. Undergrowth, mesquite and cacti.	
		August 1, 1911.	
· · ·	40.00 80.06 34.16 40.03	<pre>Intersect N.and S.line 3 lks. N.of cor.of secs.14,15,22 and 23. Thence I run, N.89°59'E. on a true line, bet. secs.14 and 23. Over level land, through dense brush. Cross road, bears HE.and SW. Set an iron post 3 ft. long, l in. in diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap ¼ S 14 in N. and S 23 in S.half; dig pits 18x18x12 ins. E.and W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 1½ ft. high, N.of cor.</pre>	

		bdivision of Tiwnship 19 South, Range 25 East.
179	Chains .	
2326)	No timber. Undergrowth, mesquite, catclaw and cacti.
2004		
2		
		East, on a random line, bet. secs.13 and 24.
	40.00	Set temp. ‡ sec.cor. Intersect E.bdylof Tp., 15 lks.S.2°05'E.of cor.of secs.13,18,
		and 24, a mound witnessed as described by the Surveyor
		General. Thence I run.
		S.89°54'W., on a true line, bet. secs.13 and 24.
	2.64	Over level land, through dense brush. Arizona Eastern R.R., bears NE.and SW.
	9.69	Cross road, bears NW.and SE.
	40.30	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 13 in
•		N. and S 24 in S.half; 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, 11 ft. high, N.of cor.
	86.36	The cor.of secs.13,14,23 and 24.
		Land, level. Soil, sandy loam, over 2 ft. deep; dry, medium texture; 1st
		rate. No timber.
	, ,	Undergrowth, mesquite and cacti.
		August 2: At this cor, I set of 17°551'N.on the decl.arc, and observe the sun on the meridian at noon; the re-
	·	sulting lat. is $31^\circ 46\frac{1}{2}$ 'N.
•		N.0°03' E., bet. secs. 13 and 14. Over level land, through dense brush.
		Cross road, brs. NW.and SE.
	25.07 40.00	Cross road, brs. NE.and SW. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
		ground for $\frac{1}{2}$ sec.cor., marked in brass S 13 in E. and
		$\frac{1}{4}$ S 14 in W.half; dig pits 18x18x12 ins. N.and S.of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
	80.00	base, l ¹ / ₂ ft. high, W.of cor.
	80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs.11,12,13 and 14, marked on
		brass cap,
		T 19 S R 25 E in N.half, S 11 in NW.,
		S.12 in NE., S 13 in SE., and
		S 14 in SW. quadrants; 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.
	. t	Soil, sandy loam, over 2 ft. deep; dry, medium texture, 1st rate.
		No timber.
	•	Undergrowth, mesquite and cacti. August 2, 1911.
		August 3; At 7h.00m.a.m., l.m.t., I set off 31°47 ¹ / ₂ 'N.on the lat.arc; 17°44'N. on the decl.arc, and determine
		a meridian with the solar at the cor.of secs.11,12,13
		and 14. West, on a random line, bet. secs.ll and 14.
	40.00	Set temp. 1 sec.cor.
	80.12	Intersect N.and S. line 5 lks.S.of cor. of secs.10,11,14
		and 15. Thence I run,
		3.89°58'E. on a true line, bet. secs.ll and '14.
		Over level land, through dense brush.

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	BOOK 2326 Subdivision of Township 19 South, Range 25 East.
Chains.	Subdivision of Township 19 South, Range 25 East.
21.99 40.06	Cross road, bears 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 11
	in N. and S 14 in S.half; dig pits 18×12 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.
80.12	The cor.of secs. 11,12,13 and 14.
	Land, level. Soil, sandy loam, over 2 ft. deep; dry, medium texture,
·	lst rate.
	No timber. Undergrowth, mesquite and cacti.
	August 3, 1911.
	August 2: East, on a random line, bet. secs.12 and 13.
40.00	Set temp. 1 sec.cor.
83.24	Intersect E.bdy.30 lks. S. 2905!B.of cor.of secs.7, 12, 13
,	and 18, a mound witnessed as described by the Surveyor General.
	Thence I run.
	S.89°47'W., on a true line, bet. secs.12 and 13. Over level land.
43.24	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 12
	in N. and S 13 in S.half; 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 ¹ / ₂ ft. high, N. of cor.
83.24	The cor.of secs.11,12,13 and 14.
	Land, level. Soil, sandy loam, over 2 ft deep, dry, medium texture;
:	lst rate.
	No timber. August 2, 1911.
	August 3: N.0°03'E., bet. secs.ll and 12. Over level land.
25.00	Cross road, bears NE and SW.
28.65	Cross wash, 15 1ks.wide, course E. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
40.00	the ground for $\frac{1}{2}$ sec.cor., marked on brass cap S 12 in
	E. and $\frac{1}{4}$ S 11 in W.half; dig pits 18x18x12 ins. H.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.
43.40	Cross wash, 20 lks.wide, course E.
80.00	Set an iron post 3 ft.long, 2 ins. diam., 24 ins. in the ground for cor.of secs.l,2,ll and 12, marked on brass
	cap.
	T 19 S R 25 E in N.half,
	3,2 in NW., 3 l in NE.,
•••	S 12 in SE., and
	S ll in SW. quadrant; 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.
	Lend level.
	Soil, sandy loam, over 2 ft. deep, dry, medium texture; lst rate.
	No timber.
	West, on a random line, bet. secs.2 and 11.
40.00	Set temp & sec.cor.
80.10	Intersect N.and S. line, 7 1ks.S.of cor.of secs 2, 3, 10
	and ll. Thence I run,
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	- 6	Sub	disting of Massachine 20 Grather Device OF That
/	.26.	Chains	livision of Township 19 South, Range 25 East.
181	2328		S.89°57'E., on a true line, bet. secs.2 and ll.
OK	.20		Over level land.
J O		40.05	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 2 in N. and S 11 in S.half; dig pits $18x18x12$ ins. E.and
			W.of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$
			ft.base, $l\frac{1}{2}$ ft. high, N.of cor.
		80.10	The cor. of secs.1,2,11 and 12.
		τ	Land, level. Soil, sandy loam, over 2 ft. deep; dry, medium texture;
			lst rate.
			No timber.
			August 3: At this cor. I set off 17°40'N. on the decl. arc. and observe the sun on the meridian at noon; the
			resulting lat. is 31°48'N.
			East, on a random line, bet. secs.1 and 12.
		40.00	Set temp. 1 sec.cor.
		80.10	Intersect E.bdy.42 1ks S.2°05!E. of cor.of secs.1,6,7 and 12, a mound witnessed as described by the Surveyor
			General.
			Thence I run,
			5.89°42' W. on a true line, bet. secs.1 and 12. Over level land.
		40.10	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]
			in N. and S 12 in S.half; 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.
		80.10	The cor.of secs.1,2,11 and 12.
		•	Land, level.
			Soil, sandy loam, over 2 ft. deep; dry, medium texture; lst rate.
		۰	No timber.
			North 0°03'E. bet. secs.l and 2.
		40 00	Over level land. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
		40.00	the ground for $\frac{1}{4}$ sec.cor., marked on brass cap S 1 in
			E. and $\frac{1}{4}$ S 2 in W.half; dig pits 18x18x12 ins. N.and
			S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$
		87.65	ft.base, 1 ¹ / ₂ ft. high, W.of cor. Intersect N.bdy.of Tp., 4.12 chs. N.89°41'E.of cor.of
		2.00	secs.35 and 36, a stone marked and witnessed as de-
			scribed by the Surveyor General.
			Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for closing cor.of secs.l and 2, marked
			on brass cap,
			CCS of center,
			T 18 S R 25 E, S 35, S 36 in N.half,
			S 1 in SE., and S 2 in SW. quadrant; dig pits 24x18x12 ins.cross-
		•	wise of each line, E. and W. 3 ft., and S. of cor. 7 tft.
			dist., and raise a mound of earth 4 ft.base, 2 ft.
			high, S. of cor. Land, level.
		• •	Soil, sandy loam, over 2 ft. deep; dry, medium texture; 1st
			rate.
			No timber.
			all In Mas
			August 3, 1911. August 3, 1911. U. S. Transitman.
			U. S. Transitman.
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GENERAL DESCRIPTION

While in the field, I was given to understand by the Mining Company that the group of claims in secs. 16, 17, 20 and 21 formed one contiguous area of patented ground. At that time I had no knowledge of Mineral Survey No. 2636 and several others that have apparently been patented since.

This township is rough and mountainous in the western portion and rolling and level in the east where the soil is a sandy loam generally covered with a growth of mesquite brush and cactus. The Turquoise Mining District lies along the foot hills of the Dragoon Mountains in the southwestern portion of the township and the camp of Gleeson and Courtland are largely depopulated.

alfred n. Thiss

J. S. Transitman,

OOK	2326
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		pept of the North Boundary of Tp. 19 S., Rg. 25 E.	, ,
1.	Chains	August 4: I begin at the cor of Ts. 18 & 19 S., Rgs. 25 and	•
		26 E., which I find marked and witnessed as described by	
	• .	the Surveyor General Thence I run West bet. secs. 1 and 36. Over level land.	•
	3.03	Arizona and Eastern R. R., bears N. 5° 10' W. and S. 5°	
• .		10' E.	
	40.09	Fall 15 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, a	
	• •	stone, marked and witnessed as described by the Surveyor	
		General. The course of this $\frac{1}{2}$ mile is S. 89° 47' W.	
	i •	40.09 chs.	
		Thence I run West from # sec. cor.	
		Cross road, bears N.E. and S.W.	
	40.03	Fall 22 lks. N. of cor. of secs. 1, 2, 35 and 36, a stone, marked and witnessed as described by the Surveyor General.	
		The course of this $\frac{1}{2}$ mile is S. 89° 41' W.	
		Land, level. Soil, sandy loam over 2 ft. deep; dry;	
		medium texture 1st rate.	
		No timber. No undergrowth.	
		West bet. secs. 2 and 35. Over level land	
	40,00	Fall 16 1ks. N. of the 4 sec. cor. bet. secs. 2 and 35, a	
	يە ئەربىي ي	stone, marked and witnessed as described by the Surveyor General. The course of this ½ mile is S. 89° 46' W.	
		40 chs.	
	• -	Thence I run West from $\frac{1}{4}$ sec. cor.	
	40.02	Fall 19 1ks. N. of cor. of secs. 2, 3, 34 and 35, astone,	
		marked and witnessed as described by the Surveyor	
		General. The course of thiss $\frac{1}{2}$ mile is S. 89° 44' W.	
		40.02 chs.	
		Land, level. Soil, sandy loam over 2 ft. deep; dry;	
		medium texture; 1st rate. No timber. No undergrowth.	
i		No cimper. No undergrowon,	
		West bet, secs, 3 and 34. Over level land.	
	40.04	Fall 16 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, a	
		stone, marked and witnessed as described by the Surveyor	
		General.	
		The course of this 1 mile is S. 89° 46' W. 40.04 chs.	
	01 11	Thence I run West from $\frac{1}{4}$ sec. cor.	
		Cross road, bears N. and S. Fall 15 lks. N. of cor. of secs. 3, 4, 33 and 34, a stone,	
	30,03	marked and witnessed as described by the Surveyor	
		General.	
		The course of this ½ mile is S. 89° 47' W. 40.04 chs.	
		Land, level. Soil, sandy loam over 2 ft. deep; dry;	
		medium texture; 1st rate.	
		No timber. No undergrowth. August 4: At this cor. I set off 17° 24½' N. on the	
		decl. arc and observe the sun on the meridian at noon:	
		the resulting lat. is 31° 49' N.	
		West bet. secs. 4 and 33. Over level land, through	
		scattering brush.	
	40.0 4	Fall 22 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33,	
		a stone, marked and witnessed as described by the Survey- or General	
]	The course of this 1/2 mile is S.89° 41' W. 40.04 chs.	
	•	Thence I run West from $\frac{1}{2}$ sec. cor.	•
	23, 59	Cross road, bears N. E. and S. W.	-
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OOK 2326 Retracement of the North bdy of Township 19 S., R. 25 E 29. Chains 18 Fall 21 lks.N.of cor.of secs.4,5,32 and 33, a stone mark-ed and witnessed as described by the Surveyor General. 40.02 The course of this half mile is S.89942'W., 40.02 chs. Land, level. Soil, sandy loam over 2 ft. deep, dry, medium texture; 1st tate. No timber. Undergrowth; mesquite and cacti. West, bet. secs.5 and 32. Over level land, through dense brush. Cross road, bears N.and S. 13.00 Fall 21 lks.N.of the $\frac{1}{4}$ sec.cor., bet.secs.5 and 32, a stone marked and witnessed as described by the Surveyor 39.99 General. this half mile is S.89942'W., 39.99 chs. The course of Thence I run, West, from $\frac{1}{4}$ sec.cor. Fall 27 lks.N.of the cor. of secs.5,6,31 and 32, a stone 39.93 marked and witnessed as described by the Surveyor General. The course of this $\frac{1}{2}$ mile is S.89°37'W, 39.93 chs. Land, level: Soil, sandy loam over 2 ft.deep; dry, medium texture; 1st rate. No timber. Undergrowth, mesquite and cacti. 13 West, bet. secs.6 and 31. Over rolling land, through dense brush. Fall 18 lks.N.of the ± sec.cor., bet. secs.6 and 31, a stone marked and witnessed as described by the Surveyor 40.00 The course of this half mile is S.89°45' W., General. 40.00 chs. Thence I run, West, from $\frac{1}{4}$ sec.cor. Cross wash, 70 lks.wide, course NE. 24.25 Fall 30 lks. N.of the cor. of Ts. 18 and 19 S., Rs. 24 and 25 36.03 E., a stone marked and witnessed as described by the Surveyor General. Thescourse of this half mile is S.89°31'W. Land, rolling. Soil, sandy loam over 2 ft. deep; dry, medium texture; lst rate. No timber. Undergrowth, mesquite and cacti. August 4, 1911 alfird M. Cliss U. S.Transitman.

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yov 2328	6.71 35.61	Thence N.2°05 Over 1 Cross : Cross : Fall 14 Set a for x12	the ea I run W., b evel 1 fence, Arizon 4 lks. oy and granit 4 sec ins.	ast bdy bet. se and. bears a and E.of r d reest te ston c.cor., N.and	.of the second s	and sw and Sw rn Ry s of n in s $\kappa 6$ in s $\delta \frac{1}{4}$ stone	wnshi 6. bean old 1 same] s., on V.1 3 ft	s NOW secto place 2 ins face, a	viou ar or:, as f ir and	nd SS which collow dig p and re	SEL SEL SEL SEL SEL SEL SEL SEL SEL SEL	de- und 18x18 a
	8.18 11.40 12.18 12.16 25.58 47.51	 mound of earth 3½ ft. base, 1½ ft. high, W.of cor. The course of this half mile is N.2°17'W.,40.05 chs. Thence from ¼ sec.cor., I run, N.02°05'W. Cross telegraph line, bears MW. and SSE. Cross fence, bears E.and W. Cross fence bears E.and W. Cross fence brs.NE.and SW. Fall 63 lks.E.of the cor. of Tps.18 and 19 S.,Rs.25 and 26 E., marked and witnessed as described by the Surveyor General. The course of this half mile is N.2°51' W. Land, level. Soil, sandy loam, medium texture, dry; lst rate. 										
		No tim	ber.	20 (an j	1,, t		·····			8, 19		
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FINAL OATHS OF DEPUTY SU	RVEYOR AND HIS AS	SISTANTS. /
LIST OF	= NAMES.	BOOK 232
A list of the names of the individuals employ	yed by John F, Hess	
, United States	Transi tman Deputy Surveyor, to assist in re	unning, measuring, and
narking the lines and corners described in the fore	going field notes of the survey of	of the
ubdivision lines of Tp. 19 S. Rg.		f the north
cundary of Tp. 19 S. Rg. 25 E. showing the respective capacities in which they act	ed:	
J. H. Bates	C.Y. Brown, L.F.	Bates, Chainman.
R. A. Coomba	3, A. E. Lyon	, Chainman.
	R. L. Bates	, Moundman.
·····	H. R. Harvey	, Moundman.
· · · · · · · · · · · · · · · · · · ·	E. E. Mills	, Axman.
	E. Barnes	, Axman.
Ralph Brown	, P. B. Hilderbran	, Flagman.
FINAL OATH	OF ASSISTANTS.	
We hereby certify that we assisted <u>John</u>	F. Hesse and Alfred	N. Oliver
	Transit , United States Deputy Sur	men veyor, in surveying all
hose parts or portions of the subdivision 1:		
resurvey of the north boundary of		
		An Gila and
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the in Heneral for Arizona.	l by him and under his directio edge and belief, well and faithf	, which are represented n; and that said survey fully surveyed, and the
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the i	y of Arizona I by him and under his directio edge and belief, well and faithf	, which are represented n; and that said survey fully surveyed, and the Jnited States Surveyor
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the i	y of Arizona I by him and under his direction edge and belief, well and faithfunctions furnished by the U $y_{H} y_{H} y_{H}$, which are represented n; and that said survey fully surveyed, and the Jnited States Surveyor Commun., Chainman.
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the i	y of Arizona I by him and under his direction edge and belief, well and faithfunctions furnished by the U $y_{H} y_{H} y_{H}$, which are represented n; and that said survey fully surveyed, and the Jnited States Surveyor , Chainman. , Chainman.
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the i	y of Arizona I by him and under his direction edge and belief, well and faithfunctions furnished by the U $y_{H} y_{H} y_{H}$, which are represented n; and that said survey fully surveyed, and the Inited States Surveyor Commun., Chainman. Chainman. Moundman.
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the i	y of Arizona I by him and under his direction edge and belief, well and faithfunctions furnished by the U $y_{H} y_{H} y_{H}$, which are represented n; and that said survey fully surveyed, and the Inited States Surveyor Contemportal Chainman. Chainman. Moundman. Moundman.
Salt River meridian, Territor n the foregoing field notes as having been surveyed has been in all respects, to the best of our knowle corner monuments established, according to the i	y of Arizona I by him and under his direction edge and belief, well and faithfunctions furnished by the U $y_{H} y_{H} y_{H}$, which are represented n; and that said survey fully surveyed, and the Inited States Surveyor Contemportal Chainman. Chainman. Moundman. Moundman. Axman.

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FINAL OATH OF UNITED STATES DEI

I, We, John P. Nesse and affred U. Oliver United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of the proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ______, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision lines of 195. Rg. 25 6. and resurvey of the N. bdy. of P195R25 6. of the Zela and Salt River meridian, in the Persitory of anyona , 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 _______ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. John 4) United States-Deputy S and sworn to before me) Subscribed by said this____/8/18 day of uly Oliver aug V SURVEYOR-GENE OF ABIZONA APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of _. J19/DC 25 5. une Sortion of the 15 executed by J____, dated _____ under his cor ract No. critically examined, and the necessary corrections and/explanations made, the said field notes, and the surveys they describe, are hereby approved. United States Surveyor General. 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. 6—151