Book E

2278

BOOK 2278

# FIELD NOTES

OF THE SURVEY OF THE

Most Boundary Dric Jp 70 D (PY) E.
22'78
<u></u>
2278
of the Grands Meridian,
anna
AS SURVEYED BY
Jugh Tall , United States Deputy Surveyor,
Under his Contract No. 16 3, dated May 16, 19/0
Under his Contract No. 163, dated May 16, 19/0 Survey commenced, 19/0, 19/0
Survey completed, Jec J., 19/0

Tov

## BOOK 2278

### NAMES AND DUTIES OF ASSISTANTS.

	 Dee 1	3.00	$G_{i}$
•			
	 	<del>-</del>	
			·
		·	·
			<del></del>
			·
	 		1
		·	
6—151			

FOOK 2278

#### INDEX DIAGRAM.

Township	70		, Range	5/ 8.	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	)14	13
19	20	21	22 9		24
30	29	28	27 mm	26	25
31	32	33	34	35	36

Meanders Page .....

6—151

OK 2278			F ASSISTANTS. Dee Bok
			he duties of chainmen; that we will level the
chain <b>upon</b> even a we will report the measuring, to the	and uneven ground, and plune true distances to all notab best of our skill and ability,	nb the tally pins le objects, and and in accorda	s, either by sticking or dropping the same; that the true lengths of all lines that we assist in nce with instructions given us, in the survey of
•	<u></u>		
•	•		, Chainman.
0 1 · 1 1			Chainman,
	worn to before me this		
day of	, 10	) 	
	SEAL (*		
Wre.		an é	1
			he duties of moundmen in the establishment
of corners, accor	ding to the instructions give	ven us, to the 1	best of our skill and ability, in the survey of
			, Moundman.
,			, Moundman.
Subscribed and sv	worn to before me this	)	
day of	, 19	}	
	******* *) SEAL (*)		
			1
·	• •	-	uties of axmen in the establishment of corners best of our skill and ability, in the survey of
·••	·		, Axman.
	•		
			, Axman.
•	worn to before me this		
day 01	, 19	,	
	W SEAL ()		
T			•
ŕ			, do solemnly swear that I will well and truly n me, to the best of my skill and ability, in the
perform the dutie			·
-			<b>●</b> *
-			Flaaman
survey of	worn to before me this		Flagman.

6—151

Chains. Knowing my instr. to be in adjustment from tests made Dec.

The Substitute of The Substitute of The Tom the Substitute of The Tom the Corner of The Tom the Corner of The Tom the Substitute of The Substi I run East on a true line bet. secs. 31 and 6 through greasewood underbrush.

Edge of Mesa bears N. and S., descend.
Foot of descent, bears N. and S.
Set a Basaltic stone, 12x7x6 ins., 8 ins. in the ground for the 1 sec. cor., mkd. 1 on N face, and raise a mound of stone, 2 ft. base, 12 ft.high; N. of cor. 33.50 35.50 40.00

Set a granite stone, 14x6x6 ins., 10 ins. in the ground for the cor. of secs. 5, 6, 31 and 32, mkd. with 1 notch on the W. and 5 notches on the E. edge, and raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor.

Land rolling. Soil 2nd rate. creasewood underbrush 80.00 creasewood underbrush.

Dec. 5th:- At this corner I set off 22°19\dec. on the decl. arc and at 11h.50m.a. m.l. m. t., obs. the sun on the mer., the resulting lat. is 31°43'N.

East on a true line bet. secs. 5 and 32 over rolling ground, through greasewood and mesquite brush.

- Set a granite stone, 12x7x6 ins., 8 ins. in the ground for the 1 sec. cor., mkd. 1 on N face, and raise a mound of xtone, 2 ft. base, 11 ft. high, N. of cor. 40.00
- Set a porphry stone, 15x8x6 ins., 10 ins. in the ground for the cor. of secs. 4, 5, 32 and 33, mkd. with 2 notches on the W. and 4 notches on the E. face and raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor.

  Land rolling. Soil 2nd rate. Greasewood and mesquite underbrush, 80.00 chs. 80.00

pec. 5th: - At 3h, p. m., l. m. t., I set off 22°20'S on the decl. arc, 58°17' on the co-lat. arc, and determine a mer. with the solar at this cor.

East on a true line bet. secs racing and 33 over rolling ground through greasewood brush.

Intersect the W. bdy. of the San Juan de las Boquillas y
Nogales Private and Grant at a point whence the 16 Mile
corner bears S.15.39 E. 12.38 chs. dist., which cor. is
a porphry stone, 6x20x6 ins. above ground, properly marked
and witnessed as described by the Surveyor General.
Set a porphry stone, 15x9x9 ins., 10 ins. in the ground
for the closing corner of fracl. secs. 33 and 4, mkd. CC on
W. With 6 groves on the N. and S faces, and raise a mound
of stone, 2 ft. base, 12 ft. high, W. of cor. 5.60

Land rolling. Soil 2nd rate. Greasewood brush.

Dec. 5th, 1910.

T	20	2	$\mathbf{R}$	21	म
-			4.1		

12016	Or Lattroude	is sud nel	eruures.		
Course. East	Dists. 165.60	N.	5.	E. 165.60	W.
S.15°39'E. S.10°02'E.	95.01 396.66		91.49 390.60	25.63 69.11	
West North	25 <b>9.</b> 85 480.00	480.00		- 4	259.85
Convergency		480.00	482.09	.16 260.50	259.85

Excess southings, 2.09.chs. Excess Eastings, .65 "

## GENERAL DESCRIPTION.

This township is rough and broken. A consderable number of cattle graze on it. The grass is very good. Practically no cultivation is be carried on in it. The Southern Pacific traversess the Northern part.

Thuga Idulal

## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

- Que Book M. LIST OF NAMES.

BOOK 2278

A list of the names of the individuals employed by	
, United States Deputy Surveyor, to assist in run	ning, measuring, and
narking the lines and corners described in the foregoing field notes of the survey of	
howing the respective capacities in which they acted:	
	, Chainman.
	, Chainman.
·	, Moundman.
	, Axman.
FINAL OATH OF ASSISTANTS.	
We hereby certify that we assisted	<del></del>
, United States Deputy Surve	yor, in surveying al
hose parts or portions of the	
·	
	of the $\dots$
of v	vhich are represented
n the foregoing field notes as having been surveyed by him and under his direction; has been in all respects, to the best of our knowledge and belief, well and faithful corner monuments established, according to the instructions furnished by the Underental for	ly surveyed, and the
	. Chainman.
	•
<del></del>	
Subscribed and sworn to before me this)	
day of, 19	
OCOCOCO O SEAL O OCOCOCO	

BOOK ....., United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from..... United States Surveyor General for \_\_\_\_\_\_, bearing date of the ....., 19 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ..... of the.\_\_\_\_ meridian, in the of 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 the foregoing are the original field notes of such survey. United States Deputy Surveyor. Subscribed by said ....., and sworn to before me) this \_\_\_\_\_\_, 19 APPROVAL OFFICE OF THE UNITED STATES The foregoing field notes of the survey of \_\_\_ executed by 3, dated ... May ...., 19/0, having been under his contract No. 16 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.

6-151

United States Surveyor General.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.