Ardard -

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

FIELD NOTES

BOOK 4380

of the

	Dependent Resurvey and survey of a	
	Portion of the West Boundary and	
	Subdivision, and survey of the	
	Mean High Water margin of the	
***************************************	1920 (abandoned) Channel of the	
	Colorado River; in	
	T.8 S., R.22 W.,	
•		
		1
. I.		***********************
	Of the Gila and Salt River Meridian,	
In the S	tate ofArizona.	***************************************
	EXECUTED BY	
:		•
	Quintin Campbell, Cadastral Engineer,	
Under s	pecial instructions datedDecember 9th, 1948_, which	
	surveys included under Group No258, bearing the approx	
-	or, Bureau of Land Management, science of the General Land Office under date of February 4, 194	-
	gnment instructions dated December 28 , 19 48.	
	Survey commenced January 6 , 1949.	
	Survey completed	

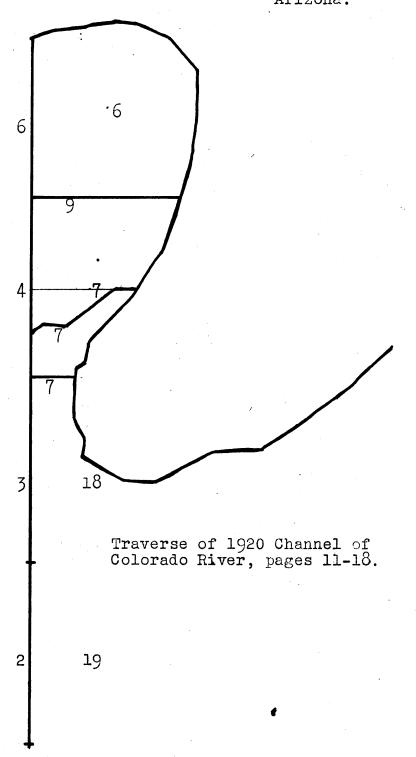
INDEX DIAGRAM.

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INDEX DIAGRAM

T.8 S., R.22 W., G.& S.R.M. Arizona.



10/18

T.8 S., R.22 W., G. & S.R. M., Arizona, was originally surveyed by Deputy T. F. White; disposals herein are based upon the plat of said survey approved May 18, 1874 on file in the Bureau of Land Management.

Retracement surveys executed by John L. Warboys, U.S.Surveyor, in 1928-29, in Ts.8 S., Rs.22 & 23 W., G.& S.R.M., indicated that the Colorado River, on June 8,1920, made an avulsive change and cut an entirely new channel across the narrows or neck of a bend, thereby shortening the river channel approximately seven miles. Due to the abrupt character of this change in channel the State boundary did not change but remained, as a permanent boundary, at the center line of the river channel occupied immediately prior thereto.

The Colorado River having been held to be a navigable stream in the locality, the lands in the bed of the abandoned channel passed to the States of Arizona and California upon their admission into the Union. The United States, as riparian owner of the abutting lands, is entitled to claim such lands to mean low or to mean high water mark, in conformity to the laws of the State. Changes in the river channel subsequent to the survey of 1874 and prior to 1920 were so pronounced as to require consideration of ownership of lands formed by accretion. This Department, in the case of R. M. Stricker et al (50 L.D. 357) cites the syllabus as follows:

"Where, prior to divestiture of the Government's title to public land abutting on a meander line, an accretion had formed and the original survey had ceased to correctly represent the approximate shore line, title to the added area does not pass under a patent for the surveyed upland."

See also 46 L.D. 461 and Wittmayer et ux v. U.S.., (18 Fed. 2nd. 808).

The following resurvey and survey was initiated on the official request of the Bureau of Reclamation. Office authority to proceed with the directed field work is contained in memorandum 'E' 45152 addressed to Regional Administrator, Region II, under date of October 21, 1948.

Before restoring any corner monuments, the lines of the original survey were retraced; no evidence of said survey was found. The resurvey was then based upon record position determined from the nearest identified corner south of the present channel of the Colorado River.

The survey was executed with W.& L.E. Gurley solar transit, serial No. 481350, elevations and river grade lines were determined with Gurley level No. 231439. The instruments were in good at justment, and were tested and found free from appreciable error prior to beginning the survey.

The direction of lines were determined by deflection from U.S. Coast & Geodetic Survey azimuth station YUMA, in latitude 32°42'42" N., and longitude 114° 37' 03.5" W., and carried forward by sustained angulation. River traverse lines were run by solar transit method, checked upon the direct lines of the survey grid. Measurements were made with Lufkin steel tapes, 5 chs. in length, graduated in tenths and links for the first 10 and 100 lks respectively and the balance at intervals of 10 lks. The tapes were first tested by comparison with a Lufkin standard steel tape, 1 ch. in length, and found correct. The calculated geographic position of the cor. of secs. 19,24,25 and 30,T.8 S.,Rs. 22 & 23 W.,is - Latitude; 32°42'47" N., and Longitude; 114°33'50" W.

2.

... Dependent Resurvey of Part of the W. Bdy. of T.8 S., R.22 W.

G.&	S.	R.	M.
-----	----	----	----

		G.& S.R.M.
	Chains	
		Reestablishment of survey executed by T. F. White, Deputy Surveyor, in 1874.
		The cor. of secs. 19, 24, 25 and 30, T.8 S., Rs.22 & 23 W. is evidenced by a Bureau of Reclamation regulation iron post monument, 2 ins. diam., buried 18 ins. below surface of the ground, with brass cap mkd.
		T8s R23W R22W S 24 S 19 S 25 S 30
		1941
		Additionally mark brass cap B L M 1949.
	`.	A four strand barbed wire fencing extends N. and S. from the corner.
		North, bet. secs. 19 and 24.
•		Over level land, along wire fencing through cultivated field.
	15.00	Leave cultivated land, desc. 5 ft. into bottom land, subject to overflow; enter dense undergrowth, bearing NW. and SE. End of wire fencing.
	24.70	Left margin of main channel of Colorado River, in bluff bank, 4 ft. high, bearing N.80°W.
		To determine the distance across the river, designate this point as station A, and set flag B. on line on the north bank, from which flag C., N.85°01'W., 6.80 chs. dist. therefrom bears N.17°55'W.
		All angles by repetition, closing error of 10" is dropped in the final calculation.
		67°06'\ 6.80 B 94°59'
	40.00	Point for 4 sec. cor., falls in Colorado River, course N.80°W.
		Distance across the river is 20.36 chs.
	45.06	Point B. North margin of Colorado River, on bluff bank 6 ft. high, bearing N.85°W.
		Point for meander cor. of secs. 19 and 24, Ts. 8 S., Rs. 22 & 23 W. falls in an impermanent location.
	47.00	Point for witness # sec. cor.,
		Set an iron post, 3 ft. long, 3 ins. diam., in concrete cone 6 ins., diam., 30 ins. in the ground, with brass cap mkd.
	•	s 24 s 19
	•	1949

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Dependent Resurvey of Part of the W. Bdy. of T.8 S., R.22 W.

		G.& S.R. M.	_
	Chains		
	. • • •	Bury a broken white glass bottle alongside post.	
	47.10	Point for witness meander cor.	
	<u>-</u>	Set an iron post, 3 ins. diam., 30 ins. long, in concrete cone 6 ins. diam., 30 ins. in the ground, with brass cap mkd.	
		T8s	
		R23W, R22W	
•		s 24 s 19	
	•	W C	
		1949	
		Bury a broken brown glass bottle alongside post.	
		Continue over nearly level land, through dense undergrowth.	1
	80.00	Point for cor. of secs. 13, 18, 19 and 24, at record dist. in latitude; there is no remaining evidence of the original corner.	
		Set an iron post, 3 ins. diam., 3 ft. long, in concrete cone, 6 ins. diam., 28 ins. in the ground, with brass cap mkd.	
		T8s R23W R22W	
		S 13 S 18 S 24 S 19	
		1949	
	No. of the second	Bury broken brown and white glass alongside post. Set a section of iron pipe, 2 ins. diam., 8 ft. long, 24 ins. in the ground, 2 lks. S. of post.	
		Land, nearly level sedimentary bottom. Soil, river silt and sand, 1st rate. Timber, scattered cottonwood. Undergrowth, salt-cedar, arrowweed, willow, mesquite.	
		North, bet. secs. 13 and 18.	
		Over bottom land, through dense undergrowth. An irrigation ditch flowing north, parallels line about 1.65 chs. to the W. Unimproved roadways parallel ditch on the E. and W.	
	15.00	Leave heavy undergrowth, continue through low arrowweed bearing NE. and SW.	
	27.90	Shallow wash, drains to SW.	
	30.00	Lateral ditch, extends West, along S. side of cultivated field, from a point 1.60 chs. W.	
	40.00	Point for $\frac{1}{4}$ sec. cor. of secs. 13 and 18, at record dist., in latitude. There is no remaining evidence of the original corner.	

Dependent Resurvey of Part of the W. Bdy. of T.8 S., R.22 W. G.& S.R.M.

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	n	м	- 4	11	~
•		·	_	**	ິ

Set an iron post, 3 ft. long, 2 ins. diam., in concrete block, 5 ins. square, 30 ins. in the ground, with brass cap mkd.

$$\frac{1}{4}$$
 S 13 | S 18

Bury a white glass bottle and 3 granite rocks alongside iron post. Set a pine post, 6 ins. square, 7 ft. long, 2 ft. in the ground, 5 lks. N. of corner.

Irrigation ditch, on E. side of cultivated field, bears West 1.20 chs. dist.

Continue over level bottom land, through light arrowweed.

North line of cultivated land, lying west of irrigation ditch, bears West 1.20 chs. dist.

80.00 Point for cor. of secs. 7, 12, 13 and 18, at record dist., in latitude. There is no remaining evidence of the original corner.

Set an iron post, 3 ft. long, 3 ins. diam., in concrete cone 6 ins. diam., 30 ins. in the ground, with brass cap mkd.

T8S R23W R22W S 12 S 7 S 13 S 18

1949

Bury a brown glass bottle and 3 granite rocks alongside iron post.

Land, sedimentary river bottom.

Soil, silt, 1st rate.

Timber, scattered cottonwood, mesquite and willow. Undergrowth, arrowweed.

North, bet. secs. 7 and 12.

Over level bottom land, through light undergrowth.

19.00 Point for meander cor. of secs. 7 and 12, at record dist., in latitude. There is no remaining evidence of the origin al monument.

This point is now Angle Point No. 1 of a traverse line defining a portion of the 1874 meanders of the Colorado River in fractional sec. 7.

Set an iron post, 3 ft. long, 3 ins. diam., in concrete cone 6 ins. diam.; 28 ins. in the ground, with brass cap mkd.

U. S. GOVERNMENT PRINTING OFFICE 16-285

Dependent Resurvey of Parts of the W. Bdy.vef T.8 S., R.22 W.

.....G.& S.R.M.

BOOK 4380

	Chains		
	្មស្រំ •បានឧបាទទេ	Test of the second of the seco	
		R23W _{R22W} .iemol jamel vail nedicedit vandaeribe. 1949 .calancem , no mil	
***	na anad carriera 20 toka nena non	Set a piece of railroad iron 5 ft. long, 2 ft. in the ground, 4 lks. S. of corner.	
		From this point a Bureau of Reclamation bench mark, published elevation 137.17 ft., a regulation brass tablet 4 ins. diam., seated in concrete form 6 ins. diam., 12 ins. above ground, firmly set; bears N.44°38'E., 3.96 chs. dist. This monument is on Line R S 7, at Sta. 0+00 and R S 6, at Sta. 102+72.4.	
	97.37 i	delte inko odia ili doloka partetterend der erendigi, reliki	
		Survey of Part of the W. Bdy. of T.8 S., R.22 W.	
		North bet. secs. 7 and 12, continuing measurement.	· · · · · · · · · · · · · · · · · · ·
*	2 3-90 2-5-05-0	Irrigation ditch, paralleling this line, here turns to the	
	40.00	Point for 4 sec. cor. of secs. 7 and 12.	
	ක්ෂාව උපණා ක්ෂාව් ව ණා	Set an iron post, 3 ft. long, 2 ins. diam., in concrete cone 6 ins. diam., 30 ins. in the ground, with brass cap mkd.	
		4	
		S 12 S 7	
	ojija serioc	Bury a ring of granite rock around iron post, 10 ins. below surface of ground. Set a piece of 3 in. angle iron, 5 ft. long, 2 ft. in the ground, 4 lks. N. of corner.	
		A residence bears S.72°19'W., 37.25 chs.dist.	
	_	Roadway; bears N.70°W. and S.70°E.	
		Boadway, bears NE. and SW.	
	72.40	Enter cultivated field, bearing E. and W.	
		Point for cor. of secs. 1, 6, 7 and 12.	
		Set an iron post, 3 ft. long, 3 ins. diam., in concrete cone, 6 ins. diam., 28 ins. in the ground, with brass cap mkd.	
j.	ne north	T8s T8s Region of the second	
	: 90.81	constitution of the deal of the 1949 and the translation of the transl	
	angle	Bury a brown glass bottle and granite rock, 12 x 8 x 8 in this and passed and granite rock, 12 x 8 x 8	

102

6 BOOK 4380

.. Co. Survey of Part of the W. Bdy ver T48 spar 22 W.

.G.&.S.R.M.

	terne de la companya	
	Chains	The state of the s
		Set a piece of east iron pipe, 5 ft. long, 3 ins. diam., 18 ins. in the ground, 2½ lks. N. of corner.
6)		Land, level. Soil, sedimentary silt, lst. rate. Timber, mesquite. 2424 Undergrowth, arrowweed.
		North, bet: secs. 1. and 6. 100 voice of the control of the contro
	2.90	Irrigation ditch, course E.
	18.00	An abandoned house bears 5.89° E. 7.50 chs. dist. Leave field, enter light undergrowth.
		Roadway, bears E. and W.
	23.40	Old road, bears NE. and Switte
	33.63	High tension power line, 5 wires on double wood poles, bears N.86° 08'30"E. and S.86° 08' 30"W. Service roadway follows power line.
	40.00	Point for 4 sec. cor. of secs. 1 and 6.
and the second s	្តៃ មិនប្រធិប្បធិប្បធិប្ប រដ្ឋ មិស្តិ ខ្សួនបា	Set an iron post, 3 ft. long, 2 ins. diam., in concrete cone 6 ins. diam., 30 ins. in the ground, with brass cap mkd.
		Sls6 1949 Bury broken white glass and at few granite rocks along side iron post.
*		Mean high water line of left bank of the 1920 (abandoned) channel of the Colorado River, bearing E. and W.
		Point for cor. of secs. 1 and 6; and angle point No. 27.
		Set an iron post, 3 ft. long, 3 installam., Photoncrete cone 6 ins. diam., 28 ins in the ground, with brass cap mkd.
		.s. dans C AP927 to .m. a west taken Cl
- describiros en una sempli (c.) in a semps semi-	## 2 0 3 6 \$ 6 9 10 5 8 6 \$ 10 5 86	s of .meii .adi ? , wol si \$ 6 bee . which .e
April 1 Company Compan		Bury broken white bottle glass alongside of iron post. Set railroad iron 6 ft. long, 2 ft. in the ground, 3 lks. S. of corner.
comprehensive for the state of many temperature provides the state of		This connect is set at elevation of 133.00 ft., above meanuses level
	1	The state of the s

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Survey of Part of the W. Bdy. of T.3 S., R. 22 W. G.& S.R.M. BOOK 4380

Chains

point No. 46, T.16 S., R. 23 E., S.B.M., California, bears N.0 30 W., 16.14 chs. dist., described in the field notes of resurveys executed in 1949.

Land, level.

Soil, sedimentary silt, 1st. rate.

Timber, mesquite and cottonwood.

Undergrowth, arrowweed, willow, sage and mesquite.

Dependent Resurvey of a Portion of the Subdivision,

T.8 S., R.22 W.

From the cor. of secs. 7, 12, 13 and 18, on W. bdy. of the Tp.

N.89°33'E., on record bearing, bet. secs. 7 and 18.

Over level land, through dense undergrowth.

18.80 Mean high water line of left bank of 1920 (abandoned) channel of the Colorado River.

Point for cor. of secs. 7 and 18, and angle point No. 11.

Set an iron post, 3 ft. long, 3 ins. diam., in concrete cone, 6 ins. diam., 28 ins. in the ground, with brass cap mkd.

T8S / AP 11 S 18 AP 11

This monument is set at an elevation of 136.9 ft., above mean sea level.

From this point the cor. of secs. 21 and 28, and angle point No. 24, T.16 S., R. 23 E., S.B.M., Calif., bears N.48°24'E., 25.66 chs. dist., described in the field notes of survey executed in 1949.

Land, level.

Soil, silt, 1st. rate.

Timber, scattered cottonwood.

Undergrowth, arrowweed, mesquite and willow.

Partial Subdivision of Sec. 7, T. 8 S., R. 22 W.

From the $\frac{1}{4}$ sec. cor. of secs. 7 and 12 on the W. bdy. of the township.

N. 89° 33' E., on the E. and W. center line of sec. 7.

38.73 Intersect the 1874 meander line of the left margin of the Colorado River.

39.89 Point for the center $\frac{1}{4}$ sec. cor. of sec. 7.

Set an iron post, 3 ft. long, 1 in. diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.

 $C_{\frac{1}{4}}$, o S 7

1949

Partial Subdivision of Sec. 7, T. 8 S., R. 22 W., . G.&S.R.M. Chains Set a railroad rail, 5 ft. long, 2 ft. in the ground, 4 lks. E. of cor. 48.21 Intersect traverse of mean high water line of left bank of the 1920 (abandoned) channel of the Colorado River. Point for the $\frac{1}{4}$ sec. cor. of sec. 7. Set an iron post, 3 ft. long, 2 ins. diam., in concrete form, 5 ins. square, 30 ins. in the ground, with brass cap mkd. 1949 From point of intersection, AP 16 on the traverse of the left bank of the 1920 (abandoned) channel of the Colorado River bears S. 23° 18' W., 4.63 chs. dist. From Angle Point No. 1, on the W. bdy. of sec. 7, restoring, as a permanent boundary, the 1874 meander line of the left margin of the Colorado River. Over level land, through dense undergrowth. N. 45°30°E., 5.90 chs. Point for angle point No. 2. Set an iron post, 3 ft. long, 1 in diam., in concrete cone, 6 ins. diam., 28 ins. in the ground, with brass cap mkd. AP 2 T8s R22W 1949. Set a railroad iron, 5 ft. long, 2 ft. in the ground, 4 lks. E. of cor. S. 86° 00'E., 14.75 chs. Point for angle point No. 3. Set an iron post, 3 ft. long, 1 in diam., in concrete cone 6 ins. diam., 30 ins. in the ground, with

brass cap mkd.

AP 3 S 7 T8s **R22W**

1949

Set a railroad iron 4 ft. long, 2 ft. in the ground, 4 lks. W. of cor.,

N.47°00'E., 15.50 chs. Point for angle point No. 4.

Set an iron post, 3 ft. long, 1 in diam., in concrete form, 5 ins. square, 28 ins. in the ground, with brass cap mkd.

Chains	
	AP 4 S 7 T8S
	/TÖS' R22W
.	
	1949
	Set a railroad iron, 6 ft. long, 2 ft. in the ground, 4 lks. S. of cor.
	N. 48000'E., 11.39 chs. Intersect the E. and W. center line of sec. 7 at a point N.89033'E. 38.73 chs. dist. from the ½ sec. cor. of secs. 7 and 12.
	Point for angle point No. 5.
	Set an iron post, 3 ft. long, 1 in. diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.
	C AP. 5 C S 7 T8S R22W 1949
	Set a railroad rail, 4 ft. long, 2 ft. in the ground, 4 lks. W. of cor.
	Survey of Part of the Subdivision of T. 8 S., R. 22 W.
	From the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp.
	East, bet. secs. 6 and 7.
	Over level land, through cultivated field.
13.40	Irrigation ditch, course S.70°E. Leave field.
14.20	Garrison's house, bears N., 18.10 chs. dist.
14.60	Fence parallel to ditch; enter pasture.
27.75	Fence, bears N.andS.; leave pasture and enter undergrowth.
39.89	Point for the 4 sec. cor. of secs. 6 and 7.
	Set an iron post, 3 ft. long, 2 ins. diam., in concrete
	cone, 6 ins. diam., at top, 30 ins. in the ground, with brass cap mkd.
	s 6
-	½ ————————————————————————————————————
	1949
	. Bury a white glass bottle alongside the iron post.
55.00	Enter sandy area, bears N. and S.; scattering undergrowth.

. S. GOVERNMENT PRINTING OFFICE 16-28520-



Survey of Part of the Subdivision, T.8S., R. 22 W.

Chains 63.58

Intersect traverse of mean high water line of the left bank of the 1920 (abandoned) channel of the Colorado River, bears NE. and SW.

Point for the cor. of secs. 6 and 7, and angle point No. 18.

Set an iron post, 3 ft. long, 3 ins. diam., in concrete cone 6 ins. diam. at top, 28 ins. in the ground, with brass cap mkd.

from which

A honey mesquite, 10 ins. diam., the E. fork, bears N.85 15 W., 185 lks. dist., mkd. T8S R22W S6 BT.

Set a railroad iron, 4 ft. long, 2 ft. in the ground, 3 lks. W. of cor.

Land, level.

Soil, sandy silt, 1st and 2nd rate.

Timber, none; undergrowth, scattered arrowweed and willow.

Traverse of the Left Bank of the 1920 (abandoned) channel of the Colorado River, at Mean High Water, down stream.

The left margin of the 1920 (abandoned) channel of the Colorado River, at mean high water, is designated as a permanent boundary.

Mean elevation of the water level was determined from the Bureau of Reclamation river gauge readings, compiled from 1899 to 1920, at Station T 7, Yuma, Arizona.

The discharge flow of the Gila River, which enters the Colorado River above this gauge station, was eliminated prior to final grade determination. The final gradient, through the area under survey, was calculated to be 1.20 ft. per mile; final returns are fairly consistent therewith.

The initial point of this traverse, and Angle Point No. 1 thereof, is situated at the point of departure of the 1920 (abandoned) channel from the present right margin of the Colorado River, here flowing S.25°W.

At point for corner.

Set a railroad rail, 4 ft. long, 3 ft. in the ground, for angle point No. 1.

At a point, N.60°W., 1.00 ch. dist. from the corner.

Set an iron post, 3 ft. long, 2 ins. diam., in concrete cone, 6 ins. diam at top, 28 ins. in the ground, for a reference monument, with brass cap mkd.

Lamber (Afterwards) of Sthe elief to Bank to fithe elig20 (abandoned) Channel . assetta dof the Colorado River, at Mean High Water, Down stream.

BOOK T.8.S., R.22 W. Chains .ou delect plant wor daile R2 R2 Control on St. Loak, I S RM. St. Loak, I S RM. Sten., in concrete cone o inc. 1949 Cis., it is the around. R22W At a point S.60°W., 1.00 ch. dist from cor. Set an iron post, 3 ft. long, 2 ins. diam., in concrete cone, 5 ins. diam., 28 ins. in the ground, for reference monument, with brass cap mkd. RMAP 1 **7**88 idom bili potno bhe cor, of dec 177 and 28, emalemple boint No. 120 d., R.LS M., 8.3.5 (1841) bomme M.LSJS'B., il.ip. 968. eig • 1949 From Angle Point No. 1, the cor. of secs. 22 and 27, and angle point No. 9, T.16 S., R.23 E., S.B.M., California, bears N.89°21'W., 19.74 chs. dist., described in the field notes of survey executed in 1949. i .3cof .3c t .dasc continued of mean high water of left bank of .bmc 1920 (abandoned) channel of the Colorado River, in secs.8, S.37°50'W., 29.88 chs. Point for angle point No. 2. Set an iron post, 3 ft. long, 1 in diam., in concrete form 5 ins. (± / square, 28 ins. in the ground, with brass cap mkd. T8s R22W Tot a reilmose iron & Mt. Long, 3 &t. is the Fround, 4 kg. W. AP 2/ S 17 1949 Serves Sind blown fand duger. Set a railroad iron 4 ft. long, 2 ft. in the ground, 3 lks. E. of Wind and earle point Well Ti cor. (0 05.3 Point for angle point No. 3. Set an iron post, 3 ft. long, 1 in diam., in concrete cone 6 ins. diam., 32 ins. in the ground, with brass cap mkd. .bila das acari cario ' T8s 198 R22W S 17 OND! 1949 S.53.28 W., 24.15 chs. Point for angle point No. 4. Cround 10 Set an iron post, 3 ft. long, 1 in diam., in concrete cone 6 ins. diam., 30 ins. in the ground, with .t 21.00 chs. cross did chanel ouesare u.30 m. jaro. jaro 6 lb. alist. usare mand ameer brass cap mkd. T8s

1949

AP 4/R22W

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Harring (Traverse) of the Left Banks of the el 920 (abandened) Channel

> . .T.8.S. R.22 W.

S.87°40'W., 23.93 chs., Point for angle point No. 5.

> Set an iron post, 3 ft. long. 1 in. diam., in concrete cone, 6 ins. diam., 30 ins. in the ground, with brass cap mkd.

AP 5

1949

From this point the cor. of secs. 27 and 28, and angle point No. 15, T.16 S., R.23 E., S.B.M., Calif., bears N.1°15'E., 11.40 chs. dist., described in the field notes of survey executed in 1949.

S.64°34'W., 29:00 chs., Point for angle point No. 6.

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N.52° 30 W., 23.10 chs.

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15.30 chs: 9

Set an iron post, 3 ft. long, l in diam., in concrete cone 6 ins. diam., 20 ins. in the ground, with brass cap mkd.

AP 6 s 18 T8s R22W 1949

Set a railroad iron 6 ft. long, 3 ft. in the ground, 4 lks. W. 3 ft. in the ground, 4 lks. W. of cor.

Across wind blown sand dunes optionalization in option in State (worker). through very light undergrowth.

Point for angle point No. 7.

Set an iron post, 3 ft. long, 1 in diam., in concrete cone 6 ins. diam., 28 ins. in the ground, with brass cap mkd.

AP 7 s 18 T8s **R22W**

1949

Set an iron pipe, 3 ins. diam. 8 ft. long, 3 ft. in the ground, 3 lks. W. of cor.

At 21.00 chs. cross old channel course S.30°W. Asc. bank 8 ft. high. Leave sand dunes.

Point for angle point No. 8.

Set an iron post, 3 ft. long, 1 in diam., in concrete form 5 ins.

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388 7 71

W 80. 6 . 8 0.2

		of drips elyns wor dried	square, 30 ins. in the ground, with brass cap mkd.
	i jaoi	Usb an iron post, y yb.	
	round,	great ai . Rai uS , ear ces	S 18 AP 8
		enden jernar cop gukt.	R22W
		1	1949
			Set a railroad iron 2 ft. long,
		61:42	l ft. in the ground, l lk. W. of cor.
	nergin	n:16.34 E.,	Along sharply defined bank, 8 ft. high, through dense arrowweed.
-			Point for angle point No. 9.
	to god a	o has equiped to said of above the	
	NT .	Coint for angle Soint I	Set an iron post, 3 ft. long, 1 in diam., in concrete cone 6 ins. diam., 30 ins. in the ground,
			with brass cap mkd.
. 6	ai Z mac	whet an iron post, J ft. in concrete gr	s 18\
	round,	argero, BS fins. finithes with the wind.	T8S AP 9 R2ZW
*			1949
	New Control	N.21.59'W:, 11.02 chs.	Point for angle point No. 10.
		and the second second	Set an iron post, 3 ft. long, 2
	v fo early	in james jaolejesmiduot.	ins. diam., in concrete form 5 ins. square, 30 ins. in the
	.in in	stant tunt, about 0 1	ground, with brass cap mkd.
	s to bus	entroa sir .eit 00.0 fr	s 18 to 18
+	extendin	estron slouph of Wasert	T8S AP 10
			R22W \
		one diroll adored in the	1949
•	ជន៤ ខែ ១	W. 2.13'E., 18.04 chs.	To cor. of fractional secs. 7 and 18, and angle point No. 11, desc-
		M dailog eligus mos saciotes	ribed on page 7.
	long, l	Live of inchesost, it it.	
:sr	form 5 f	is. dies. in concrete december 20 ing in the	
: f :	چــ ۷۰۰ دور در ا	Test akd. geo accord akd.	Thence, in sec. 7.
		N.12°38'E., 2.66 chs.	Point for angle point No. 12.
			Set an iron post, 3 ft. long, 1
		in the second of	in diam., in concrete form 5 ins. square, 28 ins. in the ground,
			with brass cap mkd.
	o. lo	Point for angle point is	. 310 20
		Set on iron post, 3 ft.	R22W AP 12
		iin diami, in concrete f	s 7
		i i i i i i i i sa ci cap pak d.	1949
	•	12년 12년 전 전 12년 - 1	This cor. is on top of a well defined bank, about 10 ft. high,
			sloping steeply to the E., and
			opposite the south end of a pocket of water, 2 chs. wide, and
	doidw		about 8 chs. long.

Traverse of the Left Bank of the 1920 (abandoned) Channel of the Colorado River, at Mean High Water, Downstream.

T.8 S., R.22 W.

, 1 H U (N)	N.47°58'E., 5.21 chs.	Point for angle point No. 13.
	i i i i i i i i i i i i i i i i i i i	Set an iron post, 3 ft. long, 1 in. diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.
. 40%	epel Nga sali gendakt saket	T8S R22W AP 13 S 7
	l st. ig ter berestel, '	1949
	N.20936'E., 8.18 chs.	At 3.00 chs. leave north margin of water, at base of steep bank about 8 ft. high.
	iolist dept despis vaira i ves an iros dest, parastra in nier, in descrete o	At end of course, and on top of steep bank
	y disc. Joi to di	Point for angle point No. 14.
	.ornono rentales /disc - Per Ber - Sish	Set an iron post, 3 ft. long, l in diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.
.32.	Colling as the Nobel States	T8S R22W AP 14 \$ 7 SO.11 AT 2013.
9.0	30t entireproduct, 7 st. inc. aias., Lia coussciotes inc. aquare, 36 iss. is spress, vish bress tobs	1949 Continue along crest of steeply sloping bank, about 8 ft. high.
	N.45°18'E., 23.62	At 5.00 chs. the south end of a narrow slough of water extending to the N., bears East 1 ch. dist.
	67.57	At 19.00 chs. North end of slough.
. 12 . 13 . 14	No cor. o precisione?	At end of course, on top of bank,
	in a same bedin	Point for angle point No. 15.
	Blance, in sec. 7.	Set an iron post, 3 ft. long, 1 in. diam., in concrete form 5 ins square, 28 ins. in the ground, with brass cap mkd.
* C & * 3	o motor elgas roji daio l	T8S 70.S 10795 R22W AP 15
	Sec as ive. pest,	S 7
	and selected as community	1949
	N.31°19'E., 6.65 chs.	Point for angle point No. 16
	1940 1940	Set an iron post, 3 ft. long, 1 in diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.
	This cor. is que top el e defined (bask, spect it : sloping stec (if to te : :) opposité (ble rest) to	T8S R22W AP 16 S 7
		1949 from which

To be indicated iron, i to long to the control of t	A cottonwood, 28 ins. diam. bears S.28 2°E., 209 lks. dist., mkd. AP 16 BT
rewoo of \$23.18 E., 25.09 chs. no aeris & wires on E' \$20.00 chs.	Along top of sloping bank, 6 ft. high, through dense arrowweed.
certila cood poles, beers v.660(6'3 cod d.66.969'5. Veservice rosd fellews this ling.	At 4.63 chs., intersect \(\frac{1}{4} \) sec. cor. of sec. 7, described on page 9.
10 3. (1 chs., pris 5 for 900: 000; 000; 000; 000; 000; 000; 000;	
o set ?. Sow or here coeff, 5 is. leag. 2 is. dien. in octorate come c ins. Som of inc. in the ground, 8	in diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.
. Opinica main 1917	T8S R22W AP 17 S 7
Trucky Services with ch	1949
ole Se. 72. casteror Lau, hears	Bury broken, white bottle along- side iron post.
ergan tot Wilder 25 et 100 in the in	Along gently sloping bank, in low sand dunes and light undergrowth.
Z2.08 chs. i. die is concrete three 5 ins. i. dies is concrete three 5 ins. concrete three 5 ins. concrete three 5 ins.	The cor. of frac. secs. 6 and 7, and angle point No. 18, described on page 10.
	Thence, in sec. 6.
	Along sandy beach slope, through light undergrowth.
N:15.07'E., 19.76 chs.	Point for angle point No. 19.
True de de la desergia de la religio de la r	Set an iron post, 3 ft. long, 1 in. diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.
Win ower or dree. seen. 15 and L. word end	m8g/
At the conting in the their or	1949
N.13.504E., 18.11 chs.	Point for angle point No. 20.
:BS . # Jakog signs were rate.	in diam., in concrete form 5 ins. square, 27 ins. in the ground,
	with brass cap mkd. T8s /
in dien. in goboreta form whin. spread, is in m. dr bho ground. strict drawn end und.	R22W AP 20 S 6
	1949

BOOK 4580 Barraverse of the Left Bank of the 1920 (abandoned) Channel sende as of the Colorado River, at Mean High Water, Down stream.

T.8 S., R.22 W.

Set a railroad iron, 4 ft. long, 2 ft. in the ground, 3 lks. E. o

N. 2°45'E., 15.50 chs.

ing "sectore" masi alidu isansi sett

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anicols ylong, gard also this

., ., ., 600 - 612 - , 200 - 515

At 1.87 chs., an electric power transmission line, 5 wires on double wood poles, bears N.86 09 E and S.86 09 W. A service road follows this line.

At 3.32 chs., point for $\frac{1}{4}$ sec. cor. of sec. 6, 40.00 chs. in latitude from the cor. of secs. 6 and 7.

Set an iron post, 3 ft. long, 2 in. diam., in concrete cone 6 ins. diam., 27 ins. in the ground, with brass cap mkd.

1 S 6

1949

from which

Pole No. 72, on power line, bears S.3°45'E., 1.32 chs. dist.

At end of course: point for angle point No. 21.

Set an iron post, 3 ft. long, 1 in diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.

T8S R22W AP 21 s 6

1949

Set a pine post, 6 ft. long, 4 in. square, 2 ft. in the ground, 3 lks. W. of cor., - also set a rail-road iron, 3 ft. long, 18 ins. in the ground, 2 lks. E. of cor.

The cor. of frac. secs. 15 and 16 and angle point No. 36, T.16 S., R.23 E., S.B.M., California, bears N.30°19'E., 12.46 chs., dist., described in the field notes of resurveys executed in 1949.

A frame residence, occupied by a Negro family, bears N.56°E., 7.60 chs. dist.

N.38°15'W., 20.90 chs.

i (, areb aeriki eta 126 Grandusa **di** ...arka ai

.93, 205 101 3070.

Point for angle point No. 22:

Set an iron post, 3 ft. long, 1 in diam., in concrete form 5 ins. square, 27 ins. in the ground, with brass cap mkd.

channel (befraverse of the fielt find of the 1920 (abandoned) Channel .nserts myoof, the Colorado River, at Mean High Water, Bown stream.

BOOK 4380

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			the management	AP 22
		, brwous,	squire, 70 inc. ir the	
			. Axis digo believed as he	T8S
				R22W S 6
				1949
			The state of the s	-743
			A ME	from which
		ರು .೩ ಜ್	coed bear alo 00.0 te	A tamarisk, 15 ins. diam., bears
			ि स्टिडिंग कि सिंह स्टिंग के स्टिंग के स	S.73°E., 165 lks. dist., mkd.
		plant,	sters older, a pumpin	,AP 22 BT
		ideuse's	in due chanch from the	Set a railroad iron 5 ft. long,
			nersing of nerboughtein, these, belowe 40 ohr., h	2 ft. in the ground, 3 lks. SE. of
ξ.			.falb .exil 01	cor.
	1	~ ~		
		101	N:64.30 Wn -110.80 chs.	Point for angle point No. 23.
				Set an iron post, 3 ft. long, 1 in.
	1	tong,	Hat had iron poet, 3 ft in concrete	diam., in concrete form 5 ins.
		the	in. ayuare, 20 ins. in	square, 28 ins. in the ground, with brass cap mkd.
		micd.	grand, with brass dap	with brass cap mku.
				AP 23
İ				T8S
			(19 - 19 19 19 19 19 19 19 19 19 19 19 19 19	R22W \
			1885	
1			670^{7}	1949
į				Set a railroad iron 4 ft. long, 2
ļ	4	pe, 3 ft	je s vitremus tile pi	ft. in the ground, 2 lks. S. of
			Theme, this. Giam., 15 site steel of the Section of the steel of the s	cor.
1.				
1		20 A	N.74.00'W.,	Along low sand bank, sloping N.
			7.70 chs.	Point for angle point No. 24.
1.	4	Long,	Set an iron post, 3 ft	
• 54 1	-	T C arron	in mice., in concrete scure, in the	Set an iron post, 3 ft. long, 1 in. diam., in concrete form 5 ins.
İ			with orase cap mid.	square, 30 ins. in the ground,
1				with brass cap mkd.
				AP 24
				\$ 6
		,		T8S
				R22W
-				1949
i	•	ft. Long	Get remilroed iron 4 C. St. th the ground, 2	
		u von v voethaatsk under	.7.2 20	Set a railroad iron, 4 ft. long, 2 ft. in the ground, 3 lks. SE. of
				cor.
		 cently	over ilet land, slopin	The NE. corner of concrete foundat-
			be ale Morth.	ion of Barret's residence bears
		our A	Whe cor. or secsical an	S.65½°W., 87 lks. dist.
-	t	tle poin	is released to the same of the	
-		. eas	6. 76 30 W. C. 7. 80 che.	At 3.74 chs., point for 4 sec. cor
				of sec. 6, 39.89 chs. in departure from the cor. of secs. 1 and 6, on
	+		كأميد ويداوي ويجارون ويجاريه المحامية ويعاريها ويروان والأميد ويجارون ويجارون والمرابية	W. bdy. of Tp.
		· ·		Set an iron post, 3 ft. long, 2 in diam., in concrete form 5 ins.
-				

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Traverse of the Left Bank of the 1920 (abandoned) Channel of the Colorado River, at Mean High Water, Down stream.

> square, 30 ins. in the ground, with brass cap mkd.

4 S 6

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Sets railrest boss 2 ft. in the roles, wr.

Pakey edges mot treist

Set on iros se a, jaro dina... in eseco es co squere, CC / Tr. is to a with brown pagest.

Sec e reillroch trou 11. 15. in the ground, 8 like.

N.87°30'W., 13.30 chs.

Set an iron onet, 3 it. June, 1 dia. June, 1 dia., 1 dia., 1 december 10xm 5 inc. Set onet. Sourd, 1 dia. See oned. Sourd, 1 dia.

dnej baso wel greia

1949

At 6.00 chs., road bears E. to Barret's house.

At 6.50 chs., a pumping plant, in dug channel from the south margin of narrow lake, extending East, about 30 chs., bears North 40 lks. dist.

At end of course: point for angle point No. 25.

Set an iron post, 3 ft. long, in. diam., in concrete form 5 ins. square, 28 ins. in the ground, with brass cap mkd.

AP 25 **s** 6 **T85** R22W

1949

Set a vitreous tile pipe, 3 ft. long, 6 ins. diam., 18 ins. in the ground, 3 lks. S. of cor.

W.74.00 'E.. Point for angle point No. 26.

Set an iron post, 3 ft. long, l in diam., in concrete form 5 ins. square, 30 ins. in the ground,

AP 26 s 6 T8s R22W

1949

Set a railroad iron 4 ft. long, 2 ft. in the ground, 2 lks. S. of cor.

Over flat land, sloping gently to the North.

The cor. of secs. 1 and 6, on W. bdy. of Tp., and angle point No. 27, described on page 6.

iire o reiliro i liber. 4 in. Lank. 2 in. in bis journ, y ile. 20.

it 3.72 blut, void 1.00 cm of other contracts of the contract

S.77°19'W. normal of aiff

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Traverse of the Left Bank of the 1920 (abandoned) Channel of the Colorado River, at Mean High Water, Down stream,

T.8 S. R.22 W.

For continuation of the survey of the left margin of the 1920 (abandoned) channel of the Colorado River, see field notes of surveys in T.8 S., R.23 W., executed under this

GENERAL DESCRIPTION

The area herein under survey is a low flood plain of the Colorado River. Prior to the construction of upper dams and the resultant control of river waters, this area was subject to recurrent flooding and pronounced changes in the course of the river. The severe avulsive change that occurred in the Spring of 1920 so altered the course of the river as to cut off a large segment of land, since lying entirely to the north of the then newly created channel.

The soil is a sandy sedimentary silt, finely textured and closely packed. A dense growth of arrowweed and salt cedar predominates, with mesquite, willow and cottonwood bordering the old river channel. Several small 'lakes' bordering the old river channel. Several small 'lakes' and swamp pockets exist, bordered or overgrown in dense tule.

A few scattered farmsteads are noted; a growing attention is manifest in the natural productivity of the soil and of the ease of irrigation. Several unimproved roadways permit of easy access.

The regulation iron post survey monuments here used, were all encased in well tamped concrete, in forms 3 ft. long 5 ins. square, and in conical forms, 7 in. base diameter, 5 ins. top diameter, also 3 ft. long. Few corner accessories are recorded; some heavy scrap metal and granite stones were transported in for auxiliary markers, the soil was not sufficiently firm to provide lasting pits

The mean observed magnetic declination is 15°50'E.

4-680 (August 1947) BOOK 4380

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Thomas L. Winkler	Survey Aid, SP-4.
Edward A. Taylor	Survey Aid, SP-2.
Earl B. Clark	Survey Aid, SP-2.
Claren E. Fraser	Survey Aid, SP-2.
Clarence W. Norton	Survey Aid, SP-2.
Robert R. B. Manning	Survey Aid, SP-2.
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16-53565-1

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BOOK 4330

CERTIFICATE OF CADASTRAL ENGINEER

I, Quintin Campbell	, HEREBY CERTIFY upon honor that, in
	the 9th. day of December ,1948
re- I have/surveyed and surveyed portions	of the west boundary and subdivisions
lines, surveyed the mean high wat	er margin of the left bank of the 1920
	do River, in T.8 S., R.22 W.,
Cile and Salt Diron	of, which are
represented in the foregoing field notes as having re- and survey	been executed by me and under my direction; and that
	ith said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States,	and in the specific manner described in the foregoing
field notes.	
San Francisco, California.	Juintin amplice
August 14,1950.	Quintin Campbell Cadastral Engineer.
CEDTIFICAT	E OF APPROVAL
CLIVIIIIOAI	L OF AFFROYAL
	BUREAU OF LAND MANAGEMENT,
~~	Washington, D. C., SEPTEMBER 7, 19 51
The foregoing field notes of the survey EF _an	d survey of portions of the west
houndary and subdivisional lines,	and survey of mean high water margin
of left bank of the 1920 (abandon	ed) channel of the Colorado River,
in T.8 S., R.22 W., of the Gila a	nd Salt River Meridian, in the State
of Arizon executed by <u>Cuintin Campbell, Cada</u>	stral Engineer,
having been critically examined and found correct	ct, are hereby approved.
	Last Mariation
	Chief, Division of Gadastral
	Engineering
CERTIFICATE	OF TRANSCRIPT
<u></u>	
I CERTIFY that the foregoing transcript of the	e field notes of the above-described surveys in
, is a true copy of t	he original field notes.
	Chief Pranch of Engineering and Construction