

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

SURVEY

of the

N-S CENTERLINE OF SECTION 30

and a

METES AND BOUNDS SURVEY

of

LOT 21

in

SECTION 30

TOWNSHIP 16 SOUTH, RANGE 22 EAST

Of the San Bernardino Meridian,

In the State of Arizona

## EXECUTED BY

Paul G. Bauer

Cadastral Surveyor

Under special instructions dated May 4, 19 72, which provided for the surveys  
included under Group Number 548, approved May 5, 1972,  
and assignment instructions dated May 5, 19 72.

Survey commenced May 8, 19 72

Survey completed May 9, 19 72

1A

BOOK 4934

# INDEX DIAGRAM

Township 16 South, Range 22 East

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Township 16 South, Range 22 East  
San Bernardino Meridian, Arizona

## CHAINS

The original surveys of the exterior lines and subdivision were executed by H. Poole and J. LaCroze, deputy surveyors, in 1855-56. A portion of the subdivisional lines were resurveyed, the left bank of the Colorado River was meandered and section subdivision was executed by R. C. Yundt in 1960. The west boundary, south of the Colorado River, was resurveyed by Yundt and Bauer in 1960. A portion of the boundaries and subdivisional lines involving Section 31 and a portion of Section 28 south of the Colorado River were resurveyed in 1961 by Yundt and Bauer.

The following notes are those of a survey of the North-South centerline of Section 30, from the  $\frac{1}{4}$  section corner of Sections 30 and 31 to intersection of present left bank of the Colorado River, and a metes-and-bounds survey of Lot 21 adjacent to the left bank of the Colorado River, Township 16 South, Range 22 East, S.B.M., Arizona.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post 30 inches long,  $2\frac{1}{2}$  inches in diameter, flanged at the base and with a brass cap riveted to the top.

The geographic position at the  $\frac{1}{4}$  section corner of Sections 30 and 31 as scaled from U.S.G.S. Quadrangle "Yuma West", Arizona, scale of 1:24000, dated 1952 is: Latitude  $32^{\circ}43'43.6''$  N., and Longitude  $114^{\circ}41'25.6''$  W.

The mean magnetic declination was found to be  $14^{\circ}$  East.

Survey of the N-S Centerline of Section 30,  
Township 16 South, Range 22 East, S.B.M., Arizona

Beginning at the  $\frac{1}{4}$  sec. cor. of Secs. 30 and 31, monumented by an iron post,  $2\frac{1}{2}$  ins. diam., set with the top 24 ins. under the surface of the ground, brass cap mkd.

T16S R22E

$\frac{1}{4}$   $\frac{S30}{S31}$

1959

from which

The face of an E-W power line pole bears  
S.  $45^{\circ}$  E., 2.4 lks. dist.

North, along the N-S centerline of Sec. 30.

Over nearly level land, along the west edge of a farm road bearing irreg. N. between cultivated fields.

19.50 Center of N-S farm road and culvert of an irrigation ditch, 2 ft. deep, 10 lks. wide, drains W.

Survey of the N-S Centerline of Section 30  
Township 16 South, Range 22 East

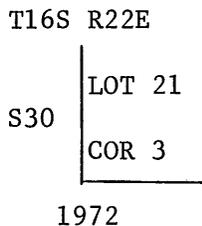
CHAINS	
30.10	East side of N-S farm road and culvert of an irrigation ditch, 2 ft. deep, 10 lks. wide, drains W.
49.82	Irrigation ditch, 2 ft. deep, 10 lks. wide, drains W., end of cultivation, thence over river bottom land through scattered to moderate screw bean mesquite and salt cedar.
55.75	Point for Cor. No. 1, Lot 21, identical with a Special Meander Cor. of Sec. 30, at intersection with the present left bank of the Colorado River.
	Set the iron post 22 ins. in the ground, in a collar of stone, brass cap mkd.
	<p style="text-align: center;">T16S R22E COR 1 LOT 21   S30 1972</p>
	Land, nearly level. Soil, sandy loam. No timber, undergrowth, mesquite and salt cedar near the river.
	Metes-and-Bounds Survey, Lot 21, Sec. 30
	N. 52°38' W., along the meander line of the present left bank of the Colorado River.
	Through moderate screw bean mesquite and salt cedar.
5.50	Point for Cor. No. 2, Lot 21, identical with a Special Meander Cor. of Sec. 30.
	Set the iron post 22 ins. in the ground, along the west side of a twin 6 in. diam., screw bean mesquite, brass cap mkd.
	<p style="text-align: center;">T16S R22E COR 2 S30   LOT 21 1972</p>
	South, along the west boundary of Lot 21, through dense screw bean mesquite and salt cedar.
5.25	Fence, bears N. 51½° W. and S. 51½° E., curving easterly.
5.46	Irrigation drainage ditch, 2 ft. deep, 10 lks. wide, drains N. 51½° W.; thence through moderate screw bean mesquite.

Metes-and-Bounds Survey, Lot 21, Sec. 30  
Township 16 South, Range 22 East

CHAINS

7.26 Point for Cor. No. 3, Lot 21.

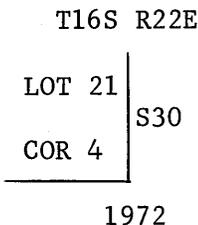
Set the iron post flush with the ground in a dim track road bearing northwesterly and southeasterly, brass cap mkd.



East, along the south boundary of Lot 21, through moderate screw bean mesquite.

4.37 Point for Cor. No. 4 at intersection with the N-S centerline of Sec. 30.

Set the iron post flush with the ground in a dim track road bearing South and N. 15° W., brass cap mkd.



North, along the east boundary of Lot 21, on the N-S centerline of Sec. 30.

3.92 Cor. No. 1, Lot 21, identical with a Special Meander Cor. of Sec. 30, and point of beginning of the metes-and-bounds survey of Lot 21.

The elevation of the area surveyed ranges from about 125 ft. above sea level at the ¼ section corner of Sections 30 and 31 to about 120 ft. above sea level at Corners No. 1 and 2 of Lot 21. The land in Section 30 is primarily used for farming. There are numerous dwellings along the east portion of Section 30. The soil is a fine sandy loam. Vegetation in Lot 21 consists of moderate screw bean mesquite, salt cedar and patches of arrow weed.



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CERTIFICATE OF SURVEY

(I) ~~(We)~~, Paul G. Bauer, HEREBY  
 CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day  
 of May, 19 72, (I) ~~(We)~~ have surveyed the N-S centerline of Section  
 30 from the 1/4 section corner of Sections 30 and 31 to the present left bank  
 of the Colorado River and made a metes and bounds survey of Lot 21 in Section  
 30, Township 16 South, Range 22 East,

of the San Bernardino Meridian, in the State of Arizona, which  
 are represented in the foregoing field notes as having been executed by (me), ~~(us)~~ and under (my)  
~~(our)~~ direction; and that said survey has been made in strict conformity with said special instruc-  
 tions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in  
 specific manner described in the foregoing field notes.

May 12, 1972  
 \_\_\_\_\_  
 (Date) Paul G. Bauer  
 \_\_\_\_\_  
 (Date) (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL  
 Date           MAY 16 1972          

BUREAU OF LAND MANAGEMENT  
 Washington, D.C.

The foregoing field notes of the survey of the N-S centerline of Section 30 from the 1/4  
 section corner of Sections 30 and 31 to the present left bank of the Colorado  
 River and the metes and bounds survey of Lot 21 in Section 30, Township 16 South,  
 Range 22 East, San Bernardino Meridian, Arizona,

executed by Paul G. Bauer  
 having been critically examined and found correct, are hereby approved.

          MAY 23 1972           *Paul L. Gunn*  
 (Date) (Chief, Division of Cadastral Survey)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in  
 \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
 (Date) (Chief, Division of Cadastral Survey) GPO 849-626