

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE BOUNDARIES OF SECTION 15,

THE SURVEY OF A PORTION OF

THE SUBDIVISION LINES IN SECTION 15

TOWNSHIP 11 NORTH, RANGE 18 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

RAY HARPIN

CADASTRAL SURVEYOR

Under special instructions dated November 25, 19 69, which provided for the surveys included under Group Number 521, approved December 1, 1969, and assignment instructions dated November 26, 19 69.

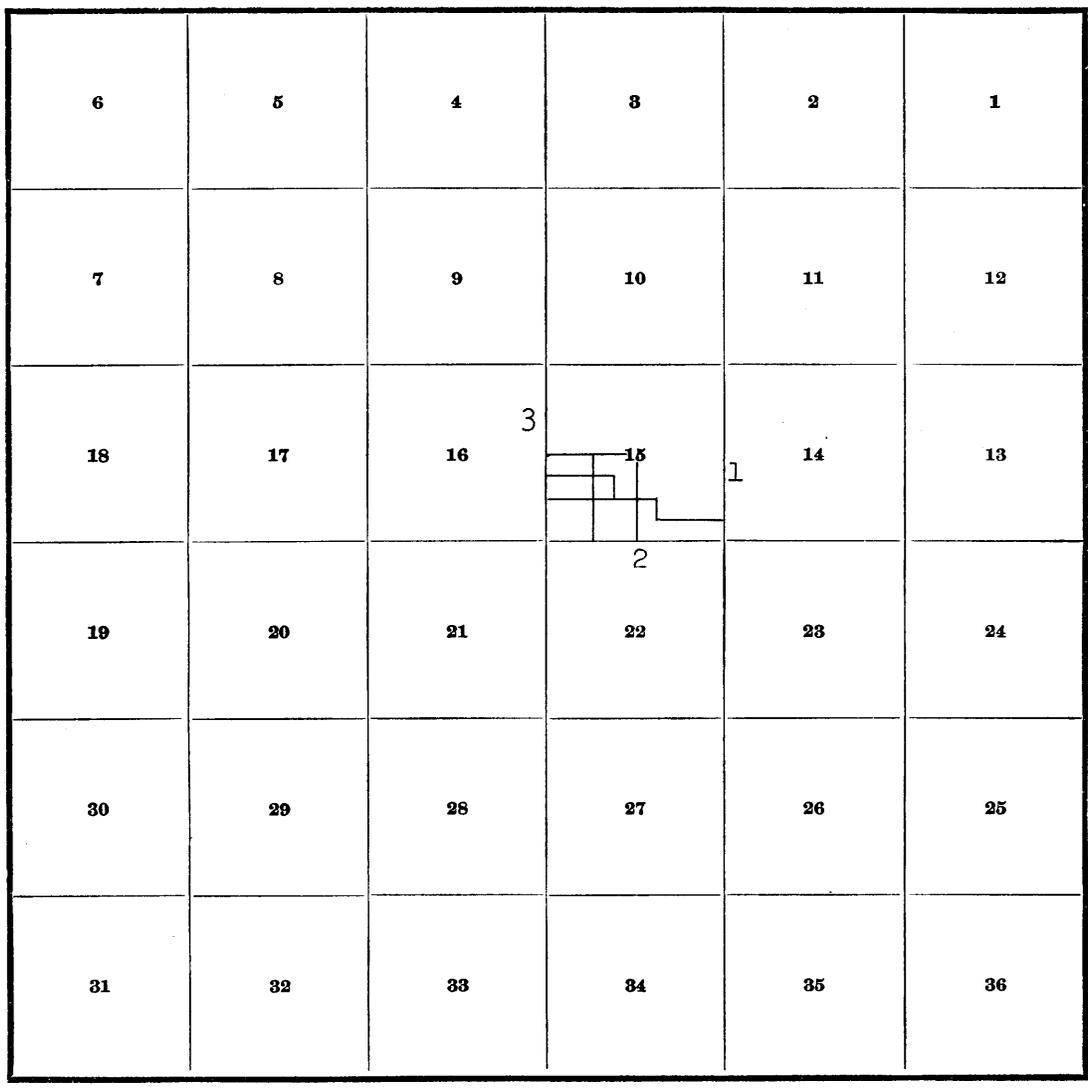
Survey commenced December 3, 19 69

Survey completed December 8, 19 69

1A

BOOK 4873 INDEX DIAGRAM

Township 11 North, Range 18 West,



Subdivision lines of section 15 . . . pp. 4-8

BOOK 4873

Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS

Township 11 North, Range 18 West. The boundaries of section 15 were surveyed by Alexander T. Harris and John Gonin, U. S. Transitmen, in 1915, as shown upon the official plat, approved May 17, 1918. A limited dependent resurvey by Eldon W. Sibley, Cadastral Surveyor, in 1962, as shown upon the official plat, accepted May 17, 1962.

The following field notes are those of the dependent resurvey of a portion of the boundaries of section 15, and the survey of a portion of the subdivision lines in section 15, Township 11 North, Range 18 West, Gila and Salt River Meridian, Arizona.

The dependent resurvey and survey were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the special instructions, dated November 25, 1969.

The direction of all lines of this survey were determined by direct altitude observations on the sun for azimuth, and carried forward by normal transit traverse. Distances are expressed in chains, reduced to horizontal equivalents.

The data furnished with the special instructions give the geographic position of the corner of sections 14, 15, 22 and 23 as: Latitude $34^{\circ} 17.3' N.$, Longitude $114^{\circ} 06.8' W.$

The magnetic declination as obtained by reference to the U. S. Geological Survey map, Monkeys Head, Arizona, 1959, is: $15^{\circ} E.$

Memorandum

The construction of Parker Dam created Lake Havasu (reservoir) which inundated a large portion of section 15. The dependent resurvey of a portion of the exterior boundaries was established on record courses and projections of section lines in evidence. The limited survey of the subdivision lines was based upon a protraction of said subdivision lines.

Dependent Resurvey of a Portion
of the Subdivision Lines
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

Re-establishment of the Survey Executed by
Alexander T. Harris and John Gonin,
U. S. Transitmen, in 1915

Beginning at the corner of secs. 14, 15, 22 and 23, which is monumented with an iron post, 2 ins. in diam., firmly set in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, with brass cap mkd.

T11N R18W
S 15 | S 14
S 22 | S 23
1915

Dependent Resurvey of a Portion
of the Subdivision Lines
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	N. 0° 01' W. (record bearing) between secs. 14 and 15.
8.16	<p>Descend 100 ft. over rolling mountainous NE. slope, through scattering paloverde.</p> <p>Intersect the center line of Parker-Topock Highway, bears S. 60° 35' E., and N. 60° 35' W.</p>
10.00	<p>(record distance) The point for the S-S 1/64 sec. cor. of secs. 14 and 15.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S S 1/64 S 15 S 14 1969</p> <p>from which</p> <p style="padding-left: 40px;">A right-of-way monument, a concrete post, 10 ins. in diam., projecting 10 ins. above the ground, with brass cap mkd. ARIZONA HIGHWAY DEPARTMENT 875+46.14 S.T. 1966 bears N. 72° 26' W., 0.382 chs. dist.</p> <p>No other suitable accessory available.</p> <p>Discontinue the dependent resurvey of this meridional line at this corner point.</p>
20.60	<p>From the cor. of secs. 14, 15, 22 and 23,</p> <p>S. 89° 59' W., between secs. 15 and 22.</p> <p>Ascend 280 ft. over rolling NE. slope, through scattering paloverde and greasewood.</p> <p>Prominent high spur, slopes N., descend 250 ft. over rolling NW. slope.</p>
40.06	<p>The 1/4 sec. cor. of secs. 15 and 22, determined by the original mound of stone, and the iron post, lying on the ground alongside. The 1915 record: an iron post, 3 ft. long, 1 in. in diam., set in a mound of stone.</p> <p>At the center of the mound of stone</p> <p>Reset the original iron post, 10 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, 1½ ft. high, with brass cap mkd.</p> <p style="text-align: center;">¼ S 15 S 22 1915</p>
5.29	<p>S. 89° 58' W., beginning new measurement.</p> <p>Descend 100 ft. over rolling W. to NW. slopes, through scattering paloverde and greasewood.</p> <p>Mound of stone, 2 ft. base, 1 ft. high.</p>
11.60	<p>Power line, 3 wire, bears S. 53° E., and N. 53° W.</p>

Dependent Resurvey of a Portion
of the Subdivision Lines
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS		
14.10	Trail road, bears N. and S.	
20.11	<p>The point for the W 1/16 sec. cor. of secs. 15 and 22.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 10 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">W 1/16 $\frac{S\ 15}{S\ 22}$ 1969</p> <p>No other suitable accessory available.</p> <p>Descend 100 ft. over rolling NW. slope, through scattering paloverde and greasewood.</p>	
37.54	Intersect the center line of Parker-Topock Highway, bears on curve NE. and SW.	
40.22	<p>The cor. of secs. 15, 16, 21 and 22, which is monumented with an iron post, 2 ins. in diam., firmly set in a mound of stone, 4 ft. base, 1½ ft. high, with brass cap mkd.</p> <p style="text-align: center;">T11N R18W $\frac{S\ 16}{S\ 21} \frac{S\ 15}{S\ 22}$ 1915</p>	
20.02	<p>N. 0° 01' W., between secs. 15 and 16.</p> <p>Ascend 130 ft. over rolling SE. slope, through scattering paloverde and greasewood.</p> <p>The point for the S 1/16 sec. cor. of secs. 15 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 15 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">S 1/16 $\frac{S\ 16}{S\ 15}$ 1969</p> <p>No other suitable accessory available.</p> <p>This corner point is located on steep SW. slope.</p> <p>Descend 50 ft. over rolling NE. slope, through scattering paloverde.</p>	
21.50	Power line, 3 wire, bears S. 53° E., and N. 53° W.	
30.03	<p>The point for the N-S 1/64 sec. cor. of secs. 15 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., over a cross (+) chiseled on bedrock at base of a vertical wall of a rock outcrop, 8 ft. high, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">N S 1/64 $\frac{S\ 16}{S\ 15}$ 1969</p>	

Dependent Resurvey of a Portion
of the Subdivision Lines
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
<p>40.04</p>	<p>No other suitable accessory available.</p> <p>Over rolling E. slope, through scattering paloverde and greasewood.</p> <p>The 1/4 sec. cor. of secs. 15 and 16, which is monumented with an iron post, 1 in. in diam., firmly set in a mound of stone, 4 ft. base and 24 ins. high, restore the mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \text{S } 16 \text{ } \text{S } 15 \\ 1915 \end{array}$ <hr style="width: 20%; margin: auto;"/> </div> <p>Thence, continue on the above meridional line on a projection and being record course.</p> <p>N. 0° 01' W., beginning new measurement.</p> <p>Descend 170 ft. over rolling NE. slope, through scattering paloverde and greasewood.</p>
<p>4.85</p>	<p>Road, bears SE. and NW.</p>
<p>9.57</p>	<p>Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, for a witness point, secs. 15 and 16, with brass cap mkd.</p> <div style="text-align: center;"> $\begin{array}{c} \text{W P} \\ \text{T11N R18W} \\ \text{S } 16 \text{ } \text{S } 15 \\ 1969 \end{array}$ </div> <p>raise a mound of stone, 3 ft. base, 1½ ft. high, W. of the corner.</p> <p>This witness point is located on the southern shore of Lake Havasu, Bill William River area; thence, discontinue the survey of this meridional line at this corner point.</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>The Survey of a Portion of the Subdivision Lines of Section 15 Township 11 North, Range 18 West Gila and Salt River Meridian, Arizona</p> </div> <p>From the 1/4 sec. cor. of secs. 15 and 22, N. 0° 01' W., on the N. and S. center line of sec. 15.</p> <p>Descend over rolling E. to NE. slopes, through scattering paloverde and greasewood.</p> <p>20.02 The point for the C-S 1/16 sec. cor. of sec. 15.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., along the E. side of a stone-in-place, 4 ft. high, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> $\begin{array}{c} \text{C S} \\ 1/16 \\ \text{S } 15 \\ 1969 \end{array}$ </div>

The Survey of a Portion of the
 Subdivision Lines of Section 15
 Township 11 North, Range 18 West
 Gila and Salt River Meridian, Arizona

CHAINS	
	No other suitable accessory available.
21.08	Intersect the center line of the Parker-Topock Highway, bears S. 70° 32' E., and N. 70° 32' W.
40.04	<p>The calculated position, the point for the center 1/4 sec. cor. of sec. 15. This corner point is located in a swimming pool; did not monument this corner point.</p> <p>Discontinue the survey of this N. and S. center line at this corner point.</p>
	<p>From the 1/4 sec. cor. of secs. 15 and 16,</p> <p>N. 89° 58' E., on the E. and W. center line of sec. 15.</p> <p>Descend over NE. slope, through scattering paloverde and greasewood.</p>
3.50	Road, bears N. and S.
20.11	<p>The point for the C-W 1/16 sec. cor. of sec. 15.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">C W 1/16 S 15 1969</p> <p>raise a mound of stone, 3 ft. base, 1½ ft. high, N. of the corner.</p> <p>No other suitable accessory available.</p> <p>Thence, over nearly level land.</p>
38.85	<p>Set an iron post, 30 ins. long, 2½ ins. in diam., 29 ins. in the ground, for the witness center 1/4 sec. cor. of sec. 15, with brass cap mkd.</p> <p style="text-align: center;">T11N R18W C 1/4 → WC S 15 1969</p> <p>from which</p> <p style="padding-left: 40px;">The NW. corner of the motel building, bears S. 69° 34' W., 2.34 chs. dist.</p> <p style="padding-left: 40px;">An angle point in the motel building, bears S. 25° 35' E., 1.74 chs. dist.</p>
40.22	<p>The true point for the center 1/4 sec. cor. of sec. 15.</p> <p>Discontinue the survey of this E. and W. center line at this corner point.</p>
	<p>Thence, in the SW 1/4 of sec. 15.</p> <p>From the W 1/16 sec. cor. of secs. 15 and 22.</p> <p>N. 0° 01' W., on the N. and S. center line of the SW 1/4 of sec. 15.</p>

The Survey of a Portion of the
Subdivision Lines of Section 15
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
	Descend over rolling N. slope, through scattering paloverde.
5.75	Road, bears NE. and SW.
6.36	Power line, 3 wire, bears S. 53° E., and N. 53° W.
20.02	Intersect the E. and W. center line, the point for the SW 1/16 sec. cor. of sec. 15. Set an iron post, 30 ins. long, 2½ ins. in diam., 12 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd. SW 1/16 S 15 1969 No other suitable accessory available.
26.20	Intersect the center line of Parker-Topock Highway bearing on a curve, E. and SW.
27.77	Road, bears NE. and SW.
30.03	The point for the C-N-SW 1/64 sec. cor. of sec. 15. Set an iron post, 30 ins. long, 2½ ins. in diam., 4 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd. C N SW 1/64 S 15 1969 No other suitable accessory available.
34.00	Base of descent; thence, over nearly level land.
40.04	The C-W 1/16 sec. cor. of sec. 15.
	From the C-S 1/16 sec. cor. of sec. 15, S. 89° 58' W., on the E. and W. center line of the SW 1/4 of sec. 15.
10.055	The point for the C-E-SW 1/64 sec. cor. of sec. 15. Set an iron post, 30 ins. long, 2½ ins. in diam., over a drill hole, 2 ins. in diam., on bedrock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd. C E SW 1/64 S 15 1969 No other suitable accessory available.
20.11	Intersect the N. and S. center line, the SW 1/16 sec. cor. of sec. 15.
31.82	Intersect the center line of Parker-Topock Highway, bears on curve NE. and SW.

The Survey of a Portion of the
Subdivision Lines of Section 15
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
38.30	Power line, 3 wire, bears N. 53° W. and S. 53° E.
40.22	The S 1/16 sec. cor. of secs. 15 and 16.
4.59	<p>From the C-E-SW 1/64 sec. cor. of sec. 15, N. 0° 01' W., on the N. and S. E-W 1/64 line of sec. 15. Descend over NW. slope, through scattering paloverde.</p> <p>Intersect the center line of the Parker-Topock Highway, bears S. 70° 36' E., and N. 70° 36' W.</p> <p>The calculated position, the point for the NE-SW 1/64 sec. cor. of sec. 15, located on a steep gravel and clay bank; did not monument this corner point.</p> <hr/> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, for a witness NE-SW 1/64 sec. cor. of sec. 15, with brass cap mkd.</p> <p style="text-align: center;">NE SW 1/64 S 15 W C 1969</p> <p>From this corner point, the true point for the NE SW 1/64 sec. cor. of sec. 15, bears S. 0° 01' E., 1.28 chs. dist.</p>
10.055	<p>From the true point for the NE-SW 1/64 sec. cor. of sec. 15.</p> <p>S. 89° 58' W., on the E. and W. N-S 1/64 line of sec. 15.</p> <p>Intersect the N. and S. center line of the SW 1/4, the C-N-SW 1/64 sec. cor. of sec. 15.</p> <hr/> <p>S. 89° 58' W., continue on the E. and W. N-S 1/64 line of sec. 15.</p>
20.11	<p>The N-S 1/64 sec. cor. of secs. 15 and 16.</p> <hr/> <p>Thence, in the SE 1/4 of sec. 15.</p> <p>From the S-S 1/64 sec. cor. of secs. 14 and 15.</p> <p>S. 89° 59' W., on the E. and W. S-S 1/64 line of sec. 15.</p>
30.05	<p>The calculated position, the point for the SW-SE 1/64 sec. cor. of sec. 15.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">SW SE 1/64 S 15 1969</p> <p>No other suitable accessory available.</p> <hr/>

The Survey of a Portion of the
Subdivision Lines of Section 15
Township 11 North, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS		
	N. 0° 01' W., on the N. and S. W-E 1/64 line of sec. 15.	
7.54	Intersect the center line of Parker-Topock Highway, bears N. 70° 32' W., and S. 70° 32' E.	
10.01	The calculated position, the point for the C-W-SE 1/64 sec. cor. of sec. 15.	
	Set an iron post, 30 ins. long, 2½ ins. in diam., 5 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base, with brass cap mkd.	
	C W SE 1/64 S 15 1969	
	No other suitable accessory available.	

	S. 89° 59' W., on the E. and W. S 1/16 line of sec. 15.	
7.07	Intersect the center line of Parker-Topock Highway, bears N. 70° 32' W., and S. 70° 32' E.	
10.01	Intersect the N. and S. center line, the C-S 1/16 sec. cor. of sec. 15.	
	General Description	
	The lands encompassed in this dependent resurvey and survey are situated along the southern shore line of Lake Havasu, and the branch of the Bill Williams River. The area is rough and broken; there is a northern exposure with drainage into the above lake. Soil is sandy, clay, and rocky; timber is paloverde; undergrowth consists of young trees, brush, and grass.	
	The Parker-Topock Highway is the major highway into the area.	
	y	

CERTIFICATE OF SURVEY

I, Ray Harpin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of November, 1969, I have dependently resurveyed a portion of the boundaries of section 15, and surveyed a portion of the subdivision lines in section 15, Township 11 North, Range 18 West

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, 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.

February 13, 1970 (Date)

Ray Harpin (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL Date FEB 27 1970

BUREAU OF LAND MANAGEMENT, Washington, D. C.

The foregoing field notes of the dependent resurvey of a portion of the boundaries of section 15, and the survey of a portion of the subdivision lines in section 15, Township 11 North, Range 18 West, Gila and Salt River Meridian, Arizona

executed by Ray Harpin

having been critically examined and found correct, are hereby approved.

NOV 27 1970 (Date)

Clark F. Sumner (Chief, Division of Engineering) 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 Engineering)