

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

DEPENDENT RESURVEY

of a Portion of

the Arizona and New Mexico State Line

and a Portion of

the South Boundary and Subdivisional Lines

and the

SURVEY

of

Subdivisions in Section 27

of

Township 15 South, Range 32 East

*Of the* Gila and Salt River *Meridian,*

*In the State of* Arizona

EXECUTED BY

Leonard W. Murphy, Cadastral Surveyor

*Under special instructions dated* May 17, 1962, *which provided*  
*for the surveys included under Group No.* 373, *approved* May 17, 1962  
*and assignment instructions dated* June 11, 1962

*Survey commenced* June 14, 1962

*Survey completed* July 10, 1962



## Township 15 South, Range 32 East, G. &amp; S. R. Meridian, Arizona

## Chains

The Arizona-New Mexico State Line was surveyed in 1875 by Chandler Robbins.

The north, south and west boundaries and the subdivisional lines were surveyed in 1883 by R. C. Powers.

The south boundary was dependently resurveyed in 1913 by J. F. Hesse.

The north boundary was dependently resurveyed in 1957 by D. E. Harding.

The following notes are those of a dependent resurvey of a portion of the State Line, a portion of the south boundary and a portion of the subdivisional lines, and the survey of subdivisions in section 27.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions, dated May 17, 1962.

Only the true line bearing and horizontal distances for the surveyed lines are given in these notes. Unless described, all corners were monumented with standard iron posts, 30 inches long, 2½ inches diameter, flanged at the bases, and with brass caps riveted to the tops. The original monuments were deposited alongside.

The geographic position of the southeast corner of section 35 is: Latitude 32°04'30" N., and Longitude 109°02'53" W.

The observed magnetic declination is 14°15' E.

Dependent Resurvey of a Portion  
of the Arizona-New Mexico State Line

Reestablishment of the Survey in 1875 by Chandler Robbins

Beginning at the 337 mile, monumented by a rock, 14x10x10 ins., set and marked as described in the official record.

S. 0°02' W., on the 337 mile.

Over nearly level open land.

17.50 The closing cor. of secs. 23 and 26, monumented by a sandstone, 16x10x6 ins., firmly set, with marking badly weathered.

At the cor. point

Set the iron post 25 ins. in the ground, with cap mkd.

T 15 S  
S 23 c | N M  
S 26 c |  
R 32 E  
1962

19.20 Wash, 40 lks. wide, 1 ft. deep, drains SW.

24.60 Wash, 30 lks. wide, 1 ft. deep, drains W.

## Dependent Resurvey, Portion, Arizona-New Mexico State Line

Chains						
31.78	The $\frac{1}{4}$ sec. cor. of sec. 30, New Mexico surveys, monumented by an iron post, set, mkd., and witnessed as described in the official record.					
45.70	Wash, 10 lks. wide, 2 ft. deep, drains SW.					
58:10	Road, bladed, bears NE. and SW.					
71:80	The closing cor. of secs. 30 and 31, T. 25 S., R. 21 W., New Mexico surveys, monumented by an iron post, set, mkd. and witnessed as described in the official record.					
80.38	The 338 mile, monumented by an iron post, set and mkd. as described in the official record.  Land, nearly level. Soil, sandy. Timber, none; undergrowth, mesquite and greasewood.					
	S. 0°02' W., on the 338 mile.					
	Over nearly level land, through scattered timber and undergrowth.					
16.84	Road, bladed, bears NW. and SE.					
17.48	The closing cor. of secs. 26 and 35, monumented by a granite stone, 16x12x5 ins. loosely set, mkd. with 1 notch on S. and 5 notches on N. edges.  At the cor. point  Set the iron post 25 ins. in the ground, cap mkd.					
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T 15 S</td></tr> <tr><td>S 26 c</td></tr> <tr><td>S 35 c</td></tr> <tr><td>R 32 E</td></tr> <tr><td>1962</td></tr> </table>	T 15 S	S 26 c	S 35 c	R 32 E	1962
T 15 S						
S 26 c						
S 35 c						
R 32 E						
1962						
	This cor. is located at a fence corner; fences bear S. and W.					
28.90	Road, unimproved, bears NE. and SW.					
31.42	The $\frac{1}{4}$ sec. cor. of sec. 31, New Mexico surveys, monumented by an iron post set and mkd. as described in the official record.					
33.00	Wash, 10 lks. wide, drains SW.					
79.88	The 339 mile, monumented by an iron post, set and mkd. as described in the official record.  Land, nearly level. Soil, sandy. Timber, cottonwood; undergrowth, mesquite and greasewood.					
	S. 0°02' W., on the 339 mile.					
	Over nearly level land, through scattered timber and undergrowth.					
1.64	Fence, bears E. and N.					

## Dependent Resurvey, Portion, Arizona-New Mexico State Line

Chains	
17.44	The closing cor. of secs. 2 and 35, Ts. 15 and 16 S., R. 32 E., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.
79.98	<p>The 340 mile, monumented by a granite stone, 20x12x5 ins., set and marked as described in the official record.</p> <p>Land, nearly level. Soil, sandy. Timber, cottonwood; undergrowth, mesquite and greasewood.</p>
<p>Dependent Resurvey of a Portion of the South Boundary T. 15 S., R. 32 E., G. &amp; S. R. Meridian, Arizona Third Standard Parallel South</p>	
<p>Reestablishment of the Resurvey in 1913 by J. F. Hesse</p>	
<p>From the closing cor. of secs. 2 and 35, Ts. 15 and 16 S., R. 32 E., on the Arizona-New Mexico State Line.</p> <p>N. 86°33' W., on the S. bdy. of sec. 35.</p> <p>Over level land, through patches of undergrowth.</p>	
21.66	The closing cor. of secs. 2 and 3, T. 16 S., R. 32 E., monumented by an iron post, set, mkd. and witnessed as described in the official record.
27.60	<p>Point for the S C of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>T15S R32E SC S 34   S 35 T16S 1962</p> </div> <p>A windmill pump bears N. 33°17' W., 1.51 chains distant.</p> <p>Land, level. Soil, sandy and gravelly. Timber, none; undergrowth, greasewood and cactus.</p>
<p>N. 87°32' W., along the S. bdy. of sec. 34.</p> <p>Over nearly level land, through dense undergrowth.</p>	
3.30	Fence, barbed wire, bears N. and S.
16.50	Wash, 10 lks. wide, 1 ft. deep, drains NE.
19.20	Wash, 20 lks. wide, 2 ft. deep, drains NE.
20.40	Wash, 50 lks. wide, 2 ft. deep, drains NE.
40.34	The standard $\frac{1}{2}$ sec. cor. of sec. 34, monumented by an iron post, set, mkd., and witnessed as described in the official record.

## Dependent Resurvey, Portion, Arizona-New Mexico State Line

## Chains

S. 89°36' W., beginning new measurement.

Over level land, through dense undergrowth.

35.90 Wash, 15 lks. wide, 2 ft. deep, drains NE.

40.59 The S C of secs. 33 and 34, monumented by an iron post, set, mkd., and witnessed as described in the official record.

Land, level.

Soil, sandy and gravelly.

Timber, none; undergrowth, greasewood and mesquite.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 15 S., R. 32 E., G. & S. R. Meridian, Arizona

Reestablishment of the Survey in 1883 by R. C. Powers

From the S C of secs. 34 and 35 on the S. bdy. of the township.

N. 0°03' E., bet. secs. 34 and 35.

Over level land, through patches of undergrowth.

3.80 Fence, barbed wire, bears E. and W.

39.10 Fence, barbed wire, bears E. and W.

39.68 Point for the  $\frac{1}{4}$  sec. cor. of secs. 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set the iron post 25 ins. in the ground, cap mkd.

T15S R32E

$\frac{1}{4}$

S 34 | S 35

1962

54.20 Road, unimproved, bears NW. and SE.

55.16 Cienega Dam No. 2.

Center of concrete spillway bears S. 50°36' W., 3.00 chains distant.

W. edge of dam bears S. 50°36' W., 24.70 chains distant.

E. edge of dam bears N. 50°36' E., 17.30 chains dist.

79.36 Point for the cor. of secs. 26, 27, 34 and 35, at proportionate distance; there is no remaining evidence of the original corner.

Set the iron post 25 ins. in the ground, cap mkd.

T15S R32E

S 27 | S 26

S 34 | S 35

1962

Land, level.

Soil, sandy silt.

Timber, none; undergrowth, greasewood.

Dependent Resurvey, Portion, Subdivisional Lines  
T. 15 S., R. 32 E., Arizona

5.

Chains																
	<p>The point for the <math>\frac{1}{4}</math> sec. cor. on the E. bdy., sec. 35, the Arizona-New Mexico State Line, is at midpoint between the C.Cs.</p> <p>At the cor. point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td>T 15 S</td><td> </td><td></td></tr> <tr><td><math>\frac{1}{4}</math></td><td> </td><td></td></tr> <tr><td>S 35</td><td> </td><td>N M</td></tr> <tr><td>R 32 E</td><td> </td><td></td></tr> <tr><td colspan="3">1962</td></tr> </table> </div> <p>The 339 mile monument bears S.0°02' W., 22.48 chains distant.</p>	T 15 S			$\frac{1}{4}$			S 35		N M	R 32 E			1962		
T 15 S																
$\frac{1}{4}$																
S 35		N M														
R 32 E																
1962																
18.00	<p>From the closing cor. of secs. 26 and 35 on the Arizona-New Mexico State Line.</p> <p>N. 87°32' W., bet. secs. 26 and 35.</p> <p>Over nearly level land, no timber.</p> <p>Fence, barbed wire, bears E. and NW., enter open field.</p>															
27.59	<p>The corner of sections 26, 27, 34 and 35.</p> <p>Land, nearly level. Soil, sandy. Timber, none; undergrowth, greasewood.</p> <hr/> <p>N. 0°07' E., bet. secs. 26 and 27.</p> <p>Over level land.</p> <p>5.64 Leave open field, enter into dense mesquite brush.</p> <p>23.24 Fence, barbed wire, bears E. and W.</p> <p>23.40 Road, bladed, bears NW. and SE.</p> <p>32.80 Wash, 80 lks. wide, 2 ft. deep, drains SW.</p> <p>39.68 Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 26 and 27, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td>T15S R32E</td><td></td></tr> <tr><td><math>\frac{1}{4}</math></td><td></td></tr> <tr><td>S 27</td><td>  S 26</td></tr> <tr><td colspan="2">1962</td></tr> </table> </div> <p>48.68 Wash, 10 lks. wide, 1 ft. deep, drains SW.</p> <p>68.80 Wash, 15 lks. wide, 1 ft. deep, drains W.</p> <p>70.30 Wash, 100 lks. wide, 2 ft. deep, drains SW.</p> <p>79.36 The cor. of secs. 22, 23, 26 and 27, monumented by a granite stone, 10x8x6 ins., loosely set in a small mound of stone, marked with 2 notches on E. and S. edges.</p> <p>At the cor. point</p>	T15S R32E		$\frac{1}{4}$		S 27	S 26	1962								
T15S R32E																
$\frac{1}{4}$																
S 27	S 26															
1962																

Dependent Resurvey, Portion, Subdivisional Lines,  
T. 15 S., R. 32 E., Arizona

6.

## Chains

Set the iron post 25 ins. in the ground, cap mkd.

T15S R32E  
S 22 | S 23  
S 27 | S 26  
1962

Corner is set in N. and S. fence line.

Land, level.

Soil, sandy and gravelly.

Timber, none; undergrowth, mesquite and greasewood.

The point for the  $\frac{1}{4}$  sec. cor. on the E. bdy., sec. 26, the Arizona-New Mexico State Line, is at midpoint bet. the C.Cs.

At the cor. point

Set the iron post 24 ins. in the ground, cap mkd.

T 15 S |  
 $\frac{1}{4}$  |  
S 26 | N M  
R 32 E |  
1962

The 338 mile monument bears S.  $0^{\circ}02'$  W., 22.70 chs. distant.

From the closing cor. of secs. 23 and 26 on the Arizona-New Mexico State Line.

Over gently rolling land, no timber.

N.  $89^{\circ}39'$  W., bet. secs. 23 and 26.

27.42 The cor. of secs. 22, 23 26 and 27.

Land, nearly level.

Soil, gravelly.

Timber, none; undergrowth, mesquite and greasewood.

From the S. C. of secs. 33 and 34 on the S. bdy. of the township.

N.  $0^{\circ}05'$  E., bet. secs. 33 and 34.

Over level land, through dense undergrowth.

26.90 Wash, 20 lks. wide, 2 ft. deep, drains NE.

40.41 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Set the iron post 24 ins. in the ground, cap mkd.

T15S R32E  
 $\frac{1}{4}$   
S 33 | S 34  
1962

80.82 Point for the cor. of secs. 27, 28, 33 and 34, at proportionate distance; there is no remaining evidence of the original corner.

Dependent Resurvey, Portion, Subdivisional Lines,  
T. 15 S., R. 32 E., Arizona

Chains	
	<p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T15S R32E  <math>\frac{S\ 28}{S\ 33}   \frac{S\ 27}{S\ 34}</math>  1962</p> <p>Land, level.  Soil, gravelly and sandy.  Timber, none; undergrowth, mesquite and greasewood.</p>
	<p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>N. 87°58' W., bet. secs. 27 and 34.</p> <p>Over level land, through medium dense undergrowth.</p>
6.30	San Simon wash, east bank, drains N. 10° W.
11.50	San Simon wash, west bank.
39.83	Fence, barbed wire, bears W. and N.
40.38	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 27 and 34, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set the iron post 25 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T15S R32E  <math>\frac{1}{4} \frac{S\ 27}{S\ 34}</math>  1962</p>
40.70	Road, unimproved, bears N. and S.
80.77	<p>The cor. of secs. 27, 28, 33 and 34.</p> <p>Land, nearly level.  Soil, sandy.  Timber, none; undergrowth, mesquite.</p>
	<p>N. 88°15' W., bet. secs. 28 and 33.</p> <p>Over level land, through sense undergrowth.</p>
8.70	Road, unimproved, bears N. and S.
40.29	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 28 and 33, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T15S R32E  <math>\frac{1}{4} \frac{S\ 28}{S\ 33}</math>  1962</p>
80.58	<p>The cor. of secs. 28, 29, 32 and 33, monumented by a granite stone 11x10x8 ins., firmly set, and marked with 1 notch on S. and 4 notches on E. edges.</p> <p>At the cor. point</p> <p>Set the iron post 20 ins. in the ground and in a collar of stone to top, cap mkd.</p>

## Chains

T15S R32E  
 $\frac{S\ 29}{S\ 32} | \frac{S\ 28}{S\ 33}$   
 1962

Land, level.  
 Soil, gravelly and sandy.  
 Timber, none; undergrowth, greasewood and mesquite.

From the cor. of secs. 27, 28, 33 and 34.

N. 0°15' W., bet. secs. 27 and 28.

7.30 Road, unimproved, bears NE. and SW.

27.80 Wash, 30 lks. wide, 2 ft. deep, drains NE.

40.41 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28, at proportionate distance; there is no remaining evidence of the original corner.

Set the iron post 25 ins. in the ground, cap mkd.

T15S R32E  
 $\frac{S\ 28}{S\ 27} | \frac{S\ 27}{S\ 27}$   
 1962

65.70 Fence, bears E. and W.

69.70 Road, unimproved, bears NW. and SE.

80.82 The cor. of secs. 21, 22, 27 and 28, monumented by a mound of earth and stone. In SE. quadrant the original stake, 2 ft. long, 2 ins. sq., scribe marks faintly visible,  $5\frac{1}{2}$  ft. distant.

At the cor. point

Set the iron post 25 ins. in the ground, cap mkd.

T15S R32E  
 $\frac{S\ 21}{S\ 28} | \frac{S\ 22}{S\ 27}$   
 1962

Land, level.  
 Soil, gravelly.  
 Timber, none; undergrowth, mesquite and greasewood.

From the cor. of secs. 22, 23, 26 and 27.

N. 86°55' W., bet. secs. 22 and 27.

Over land draining to NW.

20.00 Enter into San Simon Valley.

40.73 Point for the  $\frac{1}{4}$  sec. cor. of secs. 22 and 27, at proportionate distance; there is no remaining evidence of the original corner.

Set the iron post 24 ins. in the ground, cap mkd.

T15S R32E  
 $\frac{1}{4} \frac{S\ 22}{S\ 27}$   
 1962

Dependent Resurvey, Portion, Subdivisional Lines,  
T. 15 S., R. 32 E., Arizona

9.

Chains	
	The center of the spillway at Cienega Dam No. 1 bears S. 6°27' E., 17.68 chs. distant.
45.40	Road, unimproved, bears N. and SW.
48.15	E. bank of San Simon Wash, 15 ft. high.
49.30	San Simon Wash, drains N. 10° W.
50.45	W. bank of San Simon Wash, 10 ft. high.
60.45	Series of small washes draining NE. into the San Simon wash.
81.46	The cor. of secs. 21, 22, 27 and 28.  Land, nearly level. Soil, sandy silt. Timber, scattered large cottonwoods in San Simon wash area; undergrowth, mesquite brush and greasewood.
Subdivision, Section 27, T. 15 S., R. 32 E., Arizona	
	From the $\frac{1}{4}$ sec. cor. of secs. 27 and 34. N. 0°03' W., on the N. and S. centerline of sec. 27. Over gently rolling land, through dense undergrowth.
33.00	Wash, 60 lks. wide, 1 ft. deep, drains SE.
37.90	Wash, 15 lks. wide, 2 ft. deep, drains SE.
40.04	Point for the center $\frac{1}{4}$ of sec. 27.  Set the iron post 24 ins. in the ground, cap mkd.  T15S R32E C $\frac{1}{4}$ S 27 1962
	The center of the spillway for Cienega Dam No. 1 bears N. 4°58' E., 22.55 chs. distant.
50.70	Enter into marshy area behind Cienega Dam No. 1.
61.66	Cienega Dam No. 1.  The center of concrete spillway, bears N. 67°40' E., 2.13 chs. distant.  The E. bank of the dam bears N. 67°40' E., 10.60 chs. distant.  The W. bank of the dam bears S. 67°40' W., 15.11 chs. distant.
66.60	San Simon wash, drains NW., banks approximately 20 ft. high; thence over badly eroded land draining generally NW.
80.08	The $\frac{1}{4}$ sec. cor. of secs. 22 and 27.  Land, gently rolling. Soil, gravelly. Timber, large scattered mesquite and cottonwood; undergrowth, greasewood, sagebrush and other desert growth.

## Chains

From the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27.

N.  $87^{\circ}27'$  W., on the E. and W. centerline of sec. 27.

Over gently rolling land.

6.40 Road, unimproved, bears generally NW. and SE.

21.60 Wash, shallow, drains NW.

39.90 Fence line, barbed wire, bears N. and S.

40.56 The C  $\frac{1}{4}$  cor. of sec. 27; begin gentle ascent.

81.12 The  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Land, gently rolling.

Soil, sandy and gravelly.

Timber, sparse cottonwood and mesquite; undergrowth, greasewood.

## General Description

The sections resurveyed border San Simon Cienega Dam No. 2, which is located approximately six miles west of U. S. Highway 80 and 15 miles southwest of Road Forks, New Mexico.

The land is level with a few large cottonwood trees growing along the San Simon wash in the vicinity of Cienega Lake. The only other water besides the lake is supplied by a windmill in the SE  $\frac{1}{4}$  of section 34. The soil is sandy silt, free of rocks and covered with greasewood and dense mesquite brush.

The one good road enters the township at the closing corner of sections 26 and 35.



CERTIFICATE OF CADASTRAL SURVEYOR

BOOK 4650

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of May, 1962.

I have ~~surveyed~~ independently resurveyed a portion of the Arizona and New Mexico State Line and a portion of the south boundary and subdivisional lines, and surveyed subdivisions in section 27, of Township 15 South, Range 32 East

of the Gila & 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 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.

July 20, 1962  
(Date)

Leonard W. Murphy  
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., MAR 13 1963, 1963

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the Arizona and New Mexico State Line and a portion of the south boundary and subdivisional lines, and the survey of subdivisions in section 27, of Township 15 South, Range 32 East of the Gila and Salt River Meridian in the State of Arizona

executed by Leonard W. Murphy, Cadastral Surveyor

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

E. L. Livingston  
(Cadastral Engineering Staff Officer)  
Chief, Division of Engineering

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)

(Cadastral Engineering Staff Officer)