

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF

THE SIXTH STANDARD PARALLEL NORTH (SOUTH BOUNDARY)

AND

A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 25 NORTH, RANGE 14 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

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Under special instructions dated JULY 1, 1977, approved JULY 14, 1977,

AND SUPPLEMENTAL SPECIAL INSTRUCTIONS, DATED FEBRUARY 24, 1978, APPROVED

MARCH 6, 1978, which provided for the surveys included under U.S. Survey/Group
Number 594, and assignment instructions dated MAY 2, 1977.

Survey commenced MAY 25, 1977

Survey completed JULY 29, 1978

INDEX DIAGRAM

Township 25 North, Range 14 East,

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T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the Sixth Standard Parallel North (south boundary), and a portion of the subdivisional lines, Township 25 North, Range 14 East, Gila and Salt River Meridian, Arizona.

In 1882, O. D. Wheeler surveyed a portion of the Sixth Standard Parallel North (south boundary) as shown on the official plat approved July 21, 1883.

In 1909-1910, Sidney E. Blout resurveyed a portion of the Sixth Standard Parallel North and surveyed a portion of the Sixth Standard Parallel North (south boundary), east and north boundaries, and subdivisions, as shown on the official plat approved April 25, 1914.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated July 1, 1977, and the Supplemental Special Instructions dated February 24, 1978, for Group No. 594, Arizona.

Preliminary to the resurvey the lines of the original survey were retraced and search was made for all corners and other calls of the official record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct altitude observations of the sun and Polaris, and refer to the true meridian.

The geographic position of the stan. corner of sections 32 and 33, on the south boundary of the township, as determined by a tie to U.S. Geological Survey triangulation station "GARCE 1965," located in section 24, T. 25 N., R. 13 E., is:

Latitude 35° 31.2' N., Longitude 110° 51.3' W.

The mean magnetic declination is 14 1/2° E.

Dependent Resurvey, Portion of the Sixth Standard Parallel North (South Boundary)
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

Restoring the survey executed by
Sidney E. Blout in 1909-10

Beginning at the stan. cor. of secs. 32 and 33, monumented with an iron post, 3 ins. diam., firmly set, flush with the ground, with brass cap mkd. as described in the official record of the 1909-10 survey of the S. bdy. (Sixth Standard Parallel North). Add the marks SC 77; the cap is now mkd.

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Dependent Resurvey, Portion of the Sixth Standard
 Parallel North (South Boundary)
 T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">S C T25N R14E <u>S 32 S 33</u></p> <p style="text-align: center;">77 1909</p>	
	<p>S. 89° 58' W., on the S. bdy. of sec. 32.</p> <p>Over nearly level land.</p>	
31.46	<p>Intersect the Hopi-Navajo partition line, at the point for AP E-50 A; not monumented.</p> <p>From this point, AP E-50 on the Hopi-Navajo partition line, bears N. 15° 12' E., 0.80 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 8 ins. above ground, with brass cap mkd. as described in the field note record of the survey of the Hopi-Navajo partition line, executed concurrently under this same group.</p> <p>From this same point, AP E-51 on the Hopi-Navajo partition line, bears S. 15° 12' W., 2.17 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 8 ins. above ground, with brass cap mkd. as described in the field note record of the survey of the Hopi-Navajo partition line, executed concurrently under this same group.</p>	
40.00	<p>Point for the stan. 1/4 sec. cor. of sec. 32, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">S C T25N R14E <u>1/4 S 32</u></p> <p style="text-align: center;">1977</p>	
	<p>Set a steel fence post alongside the cor.</p>	
80.00	<p>The stan. cor. of secs. 31 and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey of the S. bdy. (Sixth Standard Parallel North). Add the marks SC 77; the cap is now mkd.</p>	
	<p style="text-align: center;">S C T25N R14E <u>S 31 S 32</u></p> <p style="text-align: center;">77 1909</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS

Restoring the survey executed by
Sidney E. Blout in 1909-10

From the cor. of secs. 23, 24, 25, and 26, now identical with AP E-32 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, 32 ins. below the ground, with brass cap mkd. as described in the official record of the 1909-10 survey.

At the corner point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, above the original iron post, with brass cap mkd.

T25N R14E
NAVAJO
S 23 | S 24
S 26 | S 25
HOPI
AP E-32

1977

Set a steel fence post alongside the cor.

From this cor., USGS triangulation station "25 DOR 1965," bears N. 57° 34' W., 15.88 chs. dist., monumented with a brass tablet, 3 1/2 ins. diam., seated in a concrete monument, 4 ins. sq., firmly set, projecting 10 ins. above ground, with tablet mkd. 25 DOR 1965 and a triangle.

NORTH, bet. secs. 23 and 24.

Over nearly level land.

40.02 Point for the 1/4 sec. cor. of secs. 23 and 24, now identical with AP E-31 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.

T25N R14E
1/4
S 23 | S 24
NAVAJO | HOPI
AP E-31

1977

Set a steel fence post alongside the cor.

80.04 The cor. of secs. 13, 14, 23 and 24, now identical with AP E-30 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-30 77; the cap is now mkd.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p>T25N R14E S 14 S 13 S 23 S 24 NAVAJO HOPI AP E-30</p> <p>77 1910</p> <p>Surround the iron post with concrete, and set a steel fence post alongside the cor.</p>	
39.98	<p>NORTH, bet. secs. 13 and 14.</p> <p>Over nearly level land.</p> <p>Point for the 1/4 sec cor. of secs. 13 and 14, now identical with AP E-29 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.</p>	
79.96	<p>T25N R14E 1/4 S 14 S 13 NAVAJO HOPI AP E-29</p> <p>1977</p> <p>Set a steel fence post alongside the cor.</p>	
	<p>The cor. of secs. 11, 12, 13 and 14, now identical with AP E-28 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-28 77; the cap is now mkd.</p> <p>T25N R14E HOPI S 11 S 12 S 14 S 13 NAVAJO AP E-28</p> <p>77 1910</p> <p>Surround the iron post with concrete, and set a steel fence post alongside the cor.</p> <p>From the cor. of secs. 23, 24, 25 and 26, identical with AP E-32 on the Hopi-Navajo partition line.</p> <p>S. 89° 48' W., bet. secs. 23 and 26.</p> <p>Over nearly level land.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
40.00	<p>Point for the 1/4 sec. cor. of secs. 23 and 26, now identical with AP E-33 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E NAVAJO 1/4 $\frac{S\ 23}{S\ 26}$ HOPI AP E-33 1977</p> <p>Set a steel fence post alongside the cor.</p>	
80.00	<p>The cor. of secs. 22, 23, 26 and 27, now identical with AP E-34 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, flush with the ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-34 77; the cap is now mkd.</p> <p style="text-align: center;">T25N R14E NAVAJO $\frac{S\ 22\ S\ 23}{S\ 27\ S\ 26}$ HOPI AP E-34 77 1910</p> <p>Surround the iron post with concrete, and set a steel fence post alongside the cor.</p>	
40.00	<p>From the cor. of secs. 11, 12, 13 and 14, identical with AP E-28 on the Hopi-Navajo partition line.</p> <p>S. 89° 45' W., bet. secs. 11 and 14.</p> <p>Over gently rolling land.</p> <p>Point for the 1/4 sec. cor. of secs. 11 and 14, now identical with AP E-27 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E HOPI 1/4 $\frac{S\ 11}{S\ 14}$ NAVAJO AP E-27 1977</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
80.00	<p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 10, 11, 14 and 15, now identical with AP E-26 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, 14 ins. below the ground, with brass cap mkd. as described in the official record of the 1909-10 survey.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., on top of the iron post, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E HOPI S 10 S 11 S 15 S 14 AP E-26 NAVAJO</p> <p style="text-align: center;">1977</p> <p>Set a steel fence post alongside the cor.</p>	
39.99	<p>From the 1/4 sec. cor. of secs. 33 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks T25N R14E 77; the cap is now mkd.</p> <p style="text-align: center;">T25N R14E</p> <p style="text-align: center;">S 33 1/4 S 34 S</p> <p style="text-align: center;">77 1910</p> <p>NORTH, bet. secs. 33 and 34.</p> <p>Over nearly level land.</p> <p>Point for the cor. of secs. 27, 28, 33 and 34, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E S 28 S 27 S 33 S 34</p> <p style="text-align: center;">1977</p> <p>Set a steel fence post alongside the cor.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS

From this cor., the true point for the cor. of secs. 25, 26, 35, and 36, bears N. 89° 55' E., 159.91 chs. dist.; cor. point falls in bottom of sand wash, 100 lks. wide, 2 ft. deep, course SW., unsuitable for monumentation. True point determined at record bearing and dist. from the orig. witness cor. The witness cor. bears N. 0° 01' W., 0.25 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks 77 and an arrow; the cap is now mkd.

W C
T25N R14E
S 26 | S 25
S 35 | S 36
V

77
1910

The control line was fully retraced, and no evidence of the intervening cors. was found.

NORTH, bet. secs. 27 and 28.

Over nearly level land.

39.99

The 1/4 sec. cor. of secs. 27 and 28, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks T25N R14E 77; the cap is now mkd.

T25N R14E

S 28
1/4 | S 27

77
1910

N. 0° 02' W., beginning new measurement.

Over nearly level land.

39.99

The cor. of secs. 21, 22, 27 and 28, now identical with AP E-36 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set 19 ins. below the ground, with brass cap mkd. as described in the official record of the 1909-10 survey.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, on top of the old iron post, in concrete, with brass cap mkd.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">T25N R14E NAVAJO <u>S 21 S 22</u> <u>S 28 S 27</u> AP E-36 HOPI 1977</p>	
<p>39.90</p>	<p>From the cor. of secs. 22, 23, 26, and 27, identical with AP E-34 on the Hopi-Navajo partition line.</p> <p>S. 89° 58' W., bet. secs. 22 and 27.</p> <p>Over nearly level land.</p> <p>Point for the 1/4 sec. cor. of secs. 22 and 27, now identical with AP E-35 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in concrete, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R14E NAVAJO 1/4 <u>S 22</u> <u>S 27</u> HOPI AP E-35 1977</p>	
<p>79.80</p>	<p>The cor. of secs. 21, 22, 27 and 28, identical with AP E-36 on the Hopi-Navajo partition line.</p> <hr/> <p>From the cor. of secs. 15, 16, 21 and 22, now identical with AP E-22 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-22 77; the cap is now mkd.</p> <p style="text-align: center;">T25N R14E HOPI <u>S 16 S 15</u> <u>S 21 S 22</u> AP E-22 NAVAJO 77 1910</p> <p>Surround the iron post with concrete.</p> <p>N. 0° 02' W., bet. secs. 15 and 16.</p> <p>Over nearly level land.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
39.98	<p>Point for the 1/4 sec. cor. of secs. 15 and 16, now identical with AP E-23 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E 1/4 S 16 S 15 HOPI NAVAJO AP E-23</p> <p style="text-align: center;">1977</p> <p>Set a steel fence post alongside the cor.</p>	
79.96	<p>The cor. of secs. 9, 10, 15 and 16, now identical with AP E-24 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, 60 ins. below the ground, with brass cap mkd. as described in the official record of the 1909-10 survey.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, above the iron post, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E HOPI S 9 S 10 S 16 S 15 NAVAJO AP E-24</p> <p style="text-align: center;">1977</p> <p>Set a steel fence post alongside the cor.</p>	
39.93	<p>From the cor. of secs. 10, 11, 14 and 15, identical with AP E-26 on the Hopi-Navajo partition line.</p> <p>S. 89° 59' W., bet. secs. 10 and 15.</p> <p>Over nearly level land.</p> <p>The 1/4 sec. cor. of secs. 10 and 15, now identical with AP E-25 on the Hopi-Navajo partition line, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-25 77; the cap is now mkd.</p> <p style="text-align: center;">T25N R14E S 10 HO 1/4 PI S 15 AP E-25 NAVAJO</p> <p style="text-align: center;">1910 77</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>S. 89° 58' W., bet. secs. 28 and 33.</p> <p>Over nearly level land.</p>
39.98	<p>Point for the 1/4 sec. cor. of secs. 28 and 33, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	<p>T25N R14E</p> <p>1/4 $\frac{S\ 28}{S\ 33}$</p> <p>1977</p>
51.17	<p>Intersect the Hopi-Navajo partition line, at the point for AP E-40A; not monumented.</p> <p>From this point, AP E-41 on the Hopi-Navajo partition line, bears S. 31° 12' W., 15.47 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 10 ins. above ground, with brass cap mkd. as described in the field note record of the survey of the Hopi-Navajo partition line, executed concurrently under this same group.</p> <p>From this same point, AP E-40 on the Hopi-Navajo partition line, bears N. 31° 12' E., 17.28 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 5 ins. above ground, with brass cap mkd. as described in the field note record of the survey of the Hopi-Navajo partition line, executed concurrently under this same group.</p>
79.96	<p>The cor. of secs. 28, 29, 32, and 33.</p> <hr/> <p>From the cor. of secs. 21, 22, 27 and 28, identical with AP E-36 on the Hopi-Navajo partition line.</p> <p>S. 89° 56' W., bet. secs. 21 and 28.</p> <p>Over nearly level land.</p>
0.89	<p>AP E-37 on the Hopi-Navajo partition line, monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 4 ins. above ground, with brass cap mkd. as described in the field note record of the survey of the Hopi-Navajo partition line, executed concurrently under this same group.</p>
39.99	<p>Point for the 1/4 sec. cor. of secs. 21 and 28, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
79.98	<p style="text-align: center;">T25N R14E 1/4 $\frac{S\ 21}{S\ 28}$ 1977</p> <p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 20, 21, 28 and 29, now identical with AP E-18 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-18 77; the cap is now mkd.</p> <p style="text-align: center;">HOPI T25N R14E S 20 S 21 S 29 S 28 AP E-18 NAVAJO 77 1910</p> <p>Surround the iron post with concrete.</p>	
39.99	<p>N. 0° 02' W., bet. secs. 20 and 21.</p> <p>Over rolling land.</p> <p>Point for the 1/4 sec. cor. of secs. 20 and 21, now identical with AP E-19 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E 1/4 S 20 S 21 HOPI NAVAJO AP E-19 1977</p>	
79.98	<p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 16, 17, 20 and 21, now identical with AP E-20 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the mks. HOPI NAVAJO AP E-20 77; the cap is now mkd.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p>T25N R14E HOPI S 17 S 16 S 20 S 21 AP E-20 NAVAJO</p> <p>77 1910</p> <p>Surround the iron post with concrete.</p>	
<p>39.99</p>	<p>From the cor. of secs. 15, 16, 21 and 22, identical with AP E-22 on the Hopi-Navajo partition line.</p> <p>S. 89° 57' W., bet. secs. 16 and 21.</p> <p>Over rolling land.</p> <p>Point for the 1/4 sec. cor. of secs. 16 and 21, now identical with AP E-21 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.</p>	
<p>79.98</p>	<p>T25N R14E HOPI 1/4 S 16 S 21 AP E-21 NAVAJO</p> <p>1977</p> <p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 16, 17, 20 and 21, identical with AP E-20 on the Hopi-Navajo partition line.</p>	
<p>39.95</p>	<p>From the cor. of secs. 20, 21, 28 and 29, identical with AP E-18 on the Hopi-Navajo partition line.</p> <p>S. 89° 59' W., bet. secs. 20 and 29.</p> <p>Over rolling land.</p> <p>Point for the 1/4 sec. cor. of secs. 20 and 29, now identical with AP E-17 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.</p> <p>T25N R14E HOPI 1/4 S 20 S 29 AP E-17 NAVAJO</p> <p>1977</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS		
79.90	<p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 19, 20, 29 and 30, now identical with AP E-16 on the Hopi-Navajo partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the marks HOPI NAVAJO AP E-16 77; the cap is now mkd.</p> <p style="text-align: center;">T25N R14E HOPI S 19 S 20 S 30 S 29 AP E-16 NAVAJO</p> <p style="text-align: center;">77 1910</p> <p>Surround the iron post with concrete, and set a steel fence post alongside the cor.</p>	
40.02	<p>N. 89° 58' W., bet. secs. 19 and 30.</p> <p>Over rolling land.</p> <p>Point for the 1/4 sec. cor. of secs. 19 and 30, now identical with AP E-15 on the Hopi-Navajo partition line, at proportionate dist.; there is no remaining evidence of the previous cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E HOPI 1/4 S 19 S 30 AP E-15 NAVAJO</p> <p style="text-align: center;">1977</p> <p>Set a steel fencepost alongside the cor.</p>	
80.04	<p>The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., now identical with AP E-14 on the Hopi-Navajo partition line, monumented with an iron post, 3 ins. diam., firmly set projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1909-10 survey. Add the mks. HOPI NAVAJO AP E-14 77; the cap is now mkd.</p> <p style="text-align: center;">T25N R13E R14E HOPI S 24 S 19 S 25 S 30 AP E-14 NAVAJO</p> <p style="text-align: center;">77 1909</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 25 N., R. 14 E., Gila and Salt River Mer., Arizona

CHAINS

Surround the iron post with concrete, and set a steel fence post alongside the cor.

From this cor., USGS triangulation station "GARCE 1965," bears N. 15° 46' W., 37.90 chs. dist., monumented with a brass tablet, 3 1/2 ins. diam., seated in a concrete monument, 6 ins. square, firmly set, projecting 12 ins. above ground, with tablet mkd. GARCE 1965 and a triangle.

GENERAL DESCRIPTION

The land encompassed in this survey is located approximately 22 miles northeast of Leupp, Arizona. Drainage is generally southerly by numerous small, dry washes. Elevations range from 4900 to 5100 feet above sea level. Access is by way of the Leupp-Oraibi road which crosses the township in a northeast-southwest direction, and numerous unimproved roads and trails. The principal use of the area is the grazing of livestock.

There are a few scattered hogans in sections 14, 15, 22 and 23, which are supplied with water by a windmill located in section 23.

CHAINS		
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CERTIFICATE OF SURVEY

Hjellum

~~XX~~(We), Marvin T. Koppang, Kenneth A. Krenke and Shirley B. , HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of July , 19 77 , ~~XXXXXX~~ and Supplemental Special Instructions dated February 24, 1978, (We) have dependently resurveyed a portion of the Sixth Standard Parallel North (south boundary) and a portion of the subdivi- sional lines, Township 25 North, Range 14 East,

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 ~~XXXX~~ (us) and under ~~XXX~~ (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.

Marvin T. Koppang and Kenneth A. Krenke are no longer employees of the Bureau of Land Management and could not be reached to sign this Certificate of Survey.

February 27, 1981

(Date)

Paul W. Dennis

~~XXXXXXXXXXXX~~

Chief, Branch of Cadastral Survey

March 3, 1981

(Date)

Shirley B. Hjellum

Supervisory (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the Sixth Standard Parallel North (south boundary) and a portion of the subdivisinal lines, Township 25 North, Range 14 East, of the Gila and Salt River Meridian, Arizona,

executed by Marvin T. Koppang, Cadastral Surveyor and Kenneth A. Krenke and Shirley B. Hjellum, Supervisory Cadastral Surveyors having been critically examined and found correct, are hereby approved.

SEP 17 1981

(Date)

Mary S. Speight

ACTING (Chief, Cadastral Survey Examination and Approval Staff)

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, Cadastral Survey Examination and Approval Staff)