

Form 9600-9
(December 1979)
(formerly 9180-6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R 5153

PAGE 01

BOOK 5153

FIELD NOTES

OF THE _____

SURVEY OF THE PARTITION LINE _____

BETWEEN THE HOPI TRIBE AND THE NAVAJO TRIBE _____

SEGMENT "E" _____

Of the _____ Meridian,
In the State of ARIZONA

EXECUTED BY

MARVIN T. KOPPANG CADASTRAL SURVEYOR

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Under special instructions dated JULY 1, 19 77, 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, 19 77.

Survey commenced MAY 25, 19 77

Survey completed JULY 29, 19 78

INDEX DIAGRAM

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Hopi-Navajo Partition Line, Segment "E"..Pgs. 1 - 28

Segment "E"

CHAINS

The following field notes describe the survey of the Partition Line between the Hopi Tribe and the Navajo Tribe, within the State of Arizona, as indicated by the Mediator, and as described in the Public Law 93-531, dated December 22, 1974, (88 Stat. 1712) by Order of the United States District Court for the District of Arizona No. Civ. 579 Pct. (JAW) Judgement of Partition dated February 10, 1977.

The boundary of the Hopi Indian Reservation established by Executive Order 1882 was surveyed by Leonard W. Murphy and Paul G. Bauer in 1964.

The boundary passes through the following surveyed townships and ties were made to certain corners of these prior surveys: Townships 25 North, Ranges 13 and 14 East, all of the Gila and Salt River Meridian, Arizona. In those instances where the Mediator's Partition Line intersected previously surveyed lines of the rectangular system of surveys, angle points were established, and certain ones monumented. In order to preclude any confusion in reestablishing these points of intersection, the angle points will be treated as crossing closing corners.

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.

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. cor. of secs. 32 and 33, 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 was found to be 14 1/2° East.

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
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Beginning at the point for AP E-1, on the W. bdy. of the 1882 Hopi Indian Reservation as indicated by the Mediator.

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

HOPI
EO 1882 | AP E-1
NAVAJO | NAVAJO

1977

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS	<p>This cor. is located in a fence bearing N. and S.</p> <p>From this cor., the 121 1/2 mile cor., on the W. bdy. of the 1882 Hopi Indian Reservation, bears S. 0° 02' W., 19.71 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, in a fence bearing N. and S., with brass cap mkd.</p> <p style="text-align: center;"> EO 1882 NAVAJO 121 1/2 M</p> <p style="text-align: center;">1964</p> <p>From this same cor., the 121 mile cor., on the W. bdy. of the 1882 Hopi Indian Reservation, bears N. 0° 02' E., 20.16 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 30 ins. above ground, in a fence bearing N. and S., with brass cap mkd.</p> <p style="text-align: center;"> EO 1882 NAVAJO 121 M</p> <p style="text-align: center;">1964</p> <p>From this same cor., the cor. of secs. 17, 18, 19 and 20, T. 25 N., R. 13 E., identical with a USGS triangulation station "SEC COR 18/25N/13E," bears N. 48° 44' E., 121.10 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1909-1910 survey.</p> <p>Add the marks 77 to the brass cap.</p> <p>From this same cor., the cor. of secs. 28, 29, 32 and 33, T. 25 N., R. 13 E., identical with a USGS triangulation station "SEC COR 29/25N/13E," bears S. 64° 54' E., 188.88 chs. dist., 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 1909-1910 survey.</p> <p>Add the marks 77 to the brass cap.</p> <p>Thence with the survey of the partition line as indicated by the Mediator.</p> <p>EAST</p> <p>Over nearly level land.</p>
11.15	<p>AP E-2, identical with the cor. of secs. 19, 24, 25, and 30, on the W. bdy. (Third Guide Meridian East), T. 25 N., R. 13 E., monumented with an iron post, 3 ins. diam., firmly set, in concrete, projecting 10 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>

Survey of the Partition Line between
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Segment "E"

CHAINS	
	T25N R12E R13E HOPI S 24 S 19 S 25 S 30 AP E-2 NAVAJO 1977
	Note: the brass cap was not mkd. to reflect the date of the original survey.
	<hr/> Thence,
	S. 89° 56' E., bet. secs. 19 and 30, T. 25 N., R. 13 E.
	Over nearly level land.
39.89	AP E-3, identical with the 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.
	T25N R13E HOPI 1/4 S 19 S 30 AP E-3 NAVAJO 1977
	Thence,
	S. 89° 56' E., bet. secs. 19 and 30.
	Over nearly level land.
4.10	Road, 40 lks. wide, bears SE and NW.
39.99	AP E-4, identical with the cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 10 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.
	T25N R13E HOPI S 19 S 20 S 30 S 29 AP E-4 NAVAJO 1977 1910

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CHAINS		
	Thence,	
	S. 89° 57' E., bet. secs. 20 and 29.	
	Over nearly level land.	
28.30	Road, 40 lks. wide, bears SE and NW.	
40.00	AP E-5, identical with the 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 2 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.	
	<p>T25N R13E HOPI 1/4 $\frac{S\ 20}{S\ 29}$ AP E-5 NAVAJO 1977</p> <hr/>	
	Thence,	
	EAST, bet secs. 20 and 29.	
	Over nearly level land.	
40.00	AP E-6, identical with the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 2 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.	
	<p>HOPI T25N R13E $\frac{S\ 20 S\ 21}{S\ 29 S\ 28}$ AP E-6 NAVAJO 1977 1910</p> <hr/>	
	Thence,	
	S. 89° 54' E., bet. secs. 21 and 28.	
	Over nearly level land.	
40.03	AP E-7, identical with the 1/4 sec. cor. of secs. 21 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.	

Survey of the Partition Line between
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CHAINS	
	<p style="text-align: center;">T25N R13E HOPI 1/4 $\frac{S\ 21}{S\ 28}$ AP E-7 NAVAJO 1977</p> <hr/>
	<p>Thence, S. 89° 54' E., bet. ses. 21 and 28. Over nearly level land.</p>
40.03	<p>AP E-8, identical with the cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 6 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>
	<p style="text-align: center;">T25N R13E HOPI $\frac{S\ 21\ S\ 22}{S\ 28\ S\ 27}$ AP E-8 NAVAJO 1977 1910</p> <hr/>
	<p>Thence, S. 89° 56' E., bet. secs. 22 and 27. Over nearly level land.</p>
39.99	<p>AP E-9, identical with the 1/4 sec. cor. of secs. 22 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>
	<p style="text-align: center;">T25N R13E HOPI 1/4 $\frac{S\ 22}{S\ 27}$ AP E-9 NAVAJO 1977</p> <hr/>
	<p>Thence, S. 89° 56' E., bet. secs. 22 and 27. Over nearly level land.</p>

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CHAINS		
39.99	<p>AP E-10, identical with the cor. of secs. 22, 23, 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R13E HOPI S 22 S 23 S 27 S 26 AP E-10 NAVAJO 1977</p> <hr style="width: 30%; margin: auto;"/>	
	<p>Thence,</p>	
	<p>S. 89° 57' E., bet. secs. 23 and 26.</p>	
	<p>Over rolling land.</p>	
39.95	<p>AP E-11, identical with the 1/4 sec. cor. of secs. 23 and 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 2 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R13E HOPI 1/4 S 23 S 26 AP E-11 NAVAJO 1977</p> <hr style="width: 30%; margin: auto;"/>	
	<p>Thence,</p>	
	<p>S. 89° 57' E., bet. secs. 23 and 26.</p>	
	<p>Over rolling land.</p>	
39.95	<p>AP E-12, identical with the cor. of secs. 23, 24, 25, and 26, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 6 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>	

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Segment "E"

CHAINS		
	<p>T25N R13E HOPI S 23 S 24 S 26 S 25 AP E-12 NAVAJO</p> <p>1910 1977</p> <hr/> <p>Thence, EAST, bet. secs. 24 and 25. Over rolling land.</p>	
39.99	<p>AP E-13, identical with the 1/4 sec. cor. of secs. 24 and 25, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 13 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p>T25N R13E HOPI 1/4 S 24 S 25 AP E-13 NAVAJO</p> <p>1977</p> <hr/> <p>Thence, EAST, bet. secs. 24 and 25. Over rolling land.</p>	
39.99	<p>AP E-14, identical with the cor. of secs. 19, 24, 25 and 30, T. 25 N., Rs. 13 and 14 E., monumented with an iron post, 3 ins. diam., firmly set, in concrete, projecting 10 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p>T25N R13E R14E HOPI S 24 S 19 S 25 S 30 AP E-14 NAVAJO</p> <p>77 1909</p>	

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CHAINS

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.

Thence,

S. 89° 58' E., bet. secs. 19 and 30, T. 25 N., R. 14 E.

Over rolling land.

40.02

AP E-15, identical with the 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 2 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.

T25N R14E
HOPI
1/4 $\frac{S\ 19}{S\ 30}$
AP E-15
NAVAJO

1977

Thence,

S. 89° 58' E., bet. secs. 19 and 30.

Over rolling land.

40.02

AP E-16, identical with the cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 2 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.

T25N R14E
HOPI
 $\frac{S\ 19\ | S\ 20}{S\ 30\ | S\ 29}$
AP E-16
NAVAJO

77
1910

Thence,

N. 89° 59' E., bet. secs. 20 and 29.

Over rolling land.

Survey of the Partition Line between
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CHAINS		
39.95	<p>AP E-17, identical with the 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E HOPI 1/4 <u>S 20</u> S 29 AP E-17 NAVAJO 1977</p> <hr/> <p>Thence, N. 89° 59' E., bet. secs. 20 and 29. Over rolling land.</p>	
39.95	<p>AP E-18, identical with the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 5 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p> <p style="text-align: center;">HOPI T25N R14E <u>S 20 S 21</u> <u>S 29 S 28</u> AP E-18 NAVAJO 77 1910</p> <hr/> <p>Thence, N. 0° 02' W., bet. secs. 20 and 21. Over rolling land.</p>	
39.99	<p>AP E-19, identical with the 1/4 sec. cor. of secs. 20 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	

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CHAINS		
	<p>T25N R14E 1/4 S 20 S 21 HOPI NAVAJO AP E-19</p> <p>1977</p> <hr/>	
39.99	<p>Thence, N. 0° 02' W., bet. secs. 20 and 21. Over rolling land. AP E-20, identical with the cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 14 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p>T25N R14E HOPI S 17 S 16 S 20 S 21 AP E-20 NAVAJO</p> <p>77 1910</p> <hr/>	
39.99	<p>Thence, N. 89° 57' E., bet. secs. 16 and 21. Over rolling land. AP E-21, identical with the 1/4 sec. cor. of secs. 16 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p>1/4</p> <p>T25N R14E HOPI S 16 S 21 AP E-21 NAVAJO</p> <p>1977</p> <hr/> <p>Thence, N. 89° 57' E., bet. secs. 16 and 21. Over rolling land.</p>	

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

13

CHAINS

39.99 AP E-22, identical with the cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 14 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.

T25N R14E
HOPI
S 16 | S 15
S 21 | S 22
AP E-22
NAVAJO

77
1910

Thence,

N. 0° 02' W., bet. secs. 15 and 16.

Over nearly level land.

39.98 AP E-23, identical with the 1/4 sec. cor. of secs. 15 and 16, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 3 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.

T25N R14E
1/4
S 16 | S 15
HOPI | NAVAJO
AP E-23

1977

Thence,

N. 0° 02' W., bet. secs. 15 and 16.

Over nearly level land.

39.98 AP E-24, identical with the cor. of secs. 9, 10, 15 and 16, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 10 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.

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CHAINS	
	<p style="text-align: center;">T25N R14E HOPI <u>S 9 S 10</u> <u>S 16 S 15</u> NAVAJO AP E-24</p> <p style="text-align: center;">1977</p> <hr/>
39.96	<p>Thence, N. 89° 56' E., bet. secs. 10 and 15.</p> <p>Over rolling land.</p> <p>AP E-25, identical with the 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 1 ins. diam., firmly set, in concrete, projecting 2 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>
	<p style="text-align: center;">T25N R14E S 10 HO 1/4 PI <u>S 15</u> AP E-25 NAVAJO</p> <p style="text-align: center;">1910 77</p> <hr/>
39.93	<p>Thence, N. 89° 59' E., bet. secs. 10 and 15.</p> <p>Over rolling land.</p> <p>AP E-26, identical with the cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 14 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>
	<p style="text-align: center;">T25N R14E HOPI <u>S 10 S 11</u> <u>S 15 S 14</u> AP E-26 NAVAJO</p> <p style="text-align: center;">1977</p> <hr/> <p>Thence, N. 89° 45' E., bet. secs. 11 and 14.</p> <p>Over gently rolling land.</p>

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CHAINS		
40.00	<p>AP E-27, identical with the 1/4 sec. cor. of secs. 11 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 5 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, 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> <hr/> <p>Thence, N. 89° 45' E., bet. secs. 11 and 14. Over gently rolling land.</p>	
40.00	<p>AP E-28, identical with the cor. of secs. 11, 12, 13 and 14, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 3 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p> <p style="text-align: center;">T25N R14E HOPI $\frac{S 11 S 12}{S 14 S 13}$ NAVAJO AP E-28 77 1910</p> <hr/> <p>Thence, SOUTH, bet. secs. 13 and 14. Over nearly level land.</p>	
39.98	<p>AP E-29, identical with the 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	

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CHAINS	
	<p style="text-align: center;">T25N R14E 1/4 S 14 S 13 NAVAJO HOPI AP E-29</p> <p style="text-align: center;">1977</p> <hr/> <p>Thence, SOUTH, bet. secs. 13 and 14. Over nearly level land.</p> <p>39.98 AP E-30, identical with the cor. of secs. 13, 14, 23, and 24, monumented with an iron post, 2 ins. diam., firmly set, in concrete, projecting 15 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>
	<p style="text-align: center;">T25N R14E S 14 S 13 S 23 S 24 NAVAJO HOPI AP E-30</p> <p style="text-align: center;">77 1910</p> <hr/> <p>Thence, SOUTH, bet. secs. 23 and 24. Over nearly level land.</p> <p>40.02 AP E-31, identical with the 1/4 sec. cor. of secs. 23 and 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>
	<p style="text-align: center;">T25N R14E 1/4 S 23 S 24 NAVAJO HOPI AP E-31</p> <p style="text-align: center;">1977</p> <hr/> <p>Thence, SOUTH, bet. secs. 23 and 24. Over nearly level land.</p>

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
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CHAINS		
40.02	<p>AP E-32, identical with the cor. of secs. 23, 24, 25 and 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R14E NAVAJO S 23 S 24 S 26 S 25 HOPI AP E-32 1977</p>	
	<p>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 concrete monument, 4 ins. square, firmly set, projecting 10 ins. above ground, with top mkd. 25 DOR 1965 and a triangle.</p>	
	<p style="text-align: center;">-----</p>	
	<p>Thence,</p>	
	<p>S. 89° 48' W., bet. secs. 23 and 26.</p>	
	<p>Over nearly level land.</p>	
40.00	<p>AP E-33, identical with the 1/4 sec. cor. of secs. 23 and 26, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R14E NAVAJO 1/4 S 23 S 26 HOPI AP E-33 1977</p>	
	<p style="text-align: center;">-----</p>	
	<p>Thence,</p>	
	<p>S. 89° 48' W., bet. secs. 23 and 26.</p>	
	<p>Over nearly level land.</p>	
40.00	<p>AP E-34, identical with the cor. of secs. 22, 23, 26, and 27, monumented with an iron post, 2 ins. diam., firmly set, in concrete, flush with the ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS		
	<p style="text-align: center;">T25N R14E NAVAJO S 22 S 23 S 27 S 26 HOPI AP E-34</p> <p style="text-align: center;">77 1910</p> <hr/>	
39.90	<p>Thence, S. 89° 58' W., bet. secs. 22 and 27. Over nearly level land.</p> <p>AP E-35, identical with the 1/4 sec. cor. of secs. 22 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 6 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R14E NAVAJO 1/4 S 22 S 27 HOPI AP E-35</p> <p style="text-align: center;">1977</p> <hr/>	
39.90	<p>Thence, S. 89° 58' W., bet. secs. 22 and 27. Over nearly level land.</p> <p>AP E-36, identical with the cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 9 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group, with brass cap mkd.</p>	
	<p style="text-align: center;">T25N R14E NAVAJO S 21 S 22 S 28 S 27 AP E-36 HOPI</p> <p style="text-align: center;">1977</p> <hr/>	
	<p>Thence, S. 89° 56' W., bet. secs. 21 and 28. Over nearly level land.</p>	

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS	
0.89	<p>Point for AP E-37, in the westerly right-of-way fence of the Oraibi-Leupp Road.</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> <div style="text-align: center;"> <p>T25N R14E S 21 NAVAJO AP E-37 HOPI S 28</p> <p>1977</p> </div> <p>From this cor., the 1/4 sec. cor. of secs. 21 and 28, bears S. 89° 56' W., 39.10 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete, projecting 4 ins. above ground, with a steel fence post set alongside, as described in the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence, in sec. 28, T. 25 N., R. 14 E.</p> <p>S. 34° 31' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>
17.13	<p>AP E-38, monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in concrete, with brass cap mkd.</p> <div style="text-align: center;"> <p>T25N R14E NAVAJO AP E-38 HOPI S 28</p> <p>1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>S. 32° 51' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>
20.10	<p>AP E-39, monumented with a rebar, 1/2 in. diam., firmly set flush with the ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p>

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS		
	<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> <div style="text-align: center;"> <p>T25N R14E NAVAJO / S 28 AP E-39 HOPI 1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>This cor. is located in the western right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>S 31° 12' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>	
40.00	<p>Point for AP E-40.</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> <div style="text-align: center;"> <p>T25N R14E NAVAJO / HOPI AP E-40 S 28 1977</p> </div> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>S 31° 12' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>	
17.28	<p>Point for AP E-40A at intersection with the line bet. secs. 28 and 33, not monumented.</p> <p>From this cor., the 1/4 sec. cor. of secs. 28 and 33, bears N. 89° 58' E., 11.19 chs. dist., 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 dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group.</p> <p>From this same point, the cor. of secs. 28, 29, 32 and 33, bears S. 89° 58' W., 28.79 chs. dist., monumented with an iron post, 2 ins. diam., firmly set 12 ins. below ground, with brass cap mkd. as described in the field note record of the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group.</p> <hr style="width: 20%; margin: 10px auto;"/>	

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS	
15.47	<p>Thence, in sec. 33, T. 25 N., R. 14 E.</p> <p>S. 31° 12' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <p>AP E-41, monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in concrete, with brass cap mkd.</p> <div style="text-align: center;"> <p>T25N R14E</p> <p>NAVAJO / HOPI</p> <p>S 33 / AP E-41</p> <p>1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>Thence</p> <p>S. 31° 12' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>
2.23	<p>AP E-42, monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.</p> <div style="text-align: center;"> <p>T25N R14E</p> <p>NAVAJO / HOPI</p> <p>S 33 / AP E-42</p> <p>1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>Thence,</p> <p>S. 35° 59' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>

Survey of the Partition Line between the Hopi Tribe and Navajo Tribe, Arizona Segment "E"

CHAINS		
11.88	<p>AP E-43, monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.</p> <div data-bbox="682 631 950 846" style="text-align: center;"> <p>T25N R14E NAVAJO / HOPI S 33 AP E-43 1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>S. 44° 38' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>	
14.10	<p>AP E-44, monumented with a rebar, 1/2 in. diam., firmly set, flush with the ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.</p> <div data-bbox="714 1599 982 1814" style="text-align: center;"> <p>T25N R14E NAVAJO / HOPI S 33 / AP E-44 1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>S. 48° 39' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>	
3.65	<p>Point for AP E-44A at intersection with the line bet. secs. 32 and 33, not monumented.</p>	

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS

From this point, the 1/4 sec. cor. of secs. 32 and 33, bears S. 0° 01' W. 2.80 chs. dist., monumented with an iron post, 1 in. diam., firmly set, in concrete, projecting 3 ins. above ground, with brass cap mkd., as described in the field note record of the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group.

From this same point, the cor. of secs. 28, 29, 32 and 33, bears N. 0° 01' E, 37.18 chs. dist., monumented with an iron post, 2 ins. diam., firmly set 12 ins. below ground, with brass cap mkd., as described in the field note record of the dependent resurvey of the subdivisional lines, T. 25 N., R. 14 E., executed concurrently under this same group.

Thence, in sec. 32, T. 25 N., R. 14 E.

S. 48° 39' W.

On the westerly right-of-way fence of the Oraibi-Leupp Road.

19.90 AP E-45, monumented with a rebar, 1/2 in. diam., firmly set, 3 ins. below the ground, with aluminum cap mkd. IECO PE 7633 AZ.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.

T25N R14E
NAVAJO
S 32 / HOPI
AP E-45

1977

Deposit rebar with aluminum cap inside the iron post.

This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.

Thence,

S. 48° 46' W.

On the westerly right-of-way fence of the Oraibi-Leupp Road.

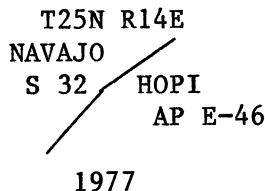
3.09 AP E-46, monumented with a rebar, 1/2 in. diam., firmly set, 2 ins. below ground, with aluminum cap mkd. IECO PE 7633 AZ.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS



Deposit rebar with aluminum cap inside the iron post.

Thence,

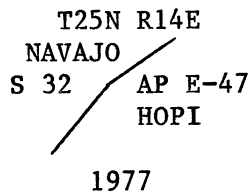
S. 38° 56' W.

On the proposed westerly right-of-way of the Oraibi-Leupp Road.

11.79 AP E-47, monumented with a rebar, 1/2 in. diam., firmly set, 1 in. below ground, with aluminum cap mkd. IECO PE 7633 AZ.

At the cor. point

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



Deposit rebar with aluminum cap inside the iron post.

Set a steel fence post alongside the cor.

Thence,

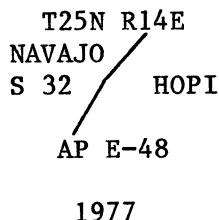
S. 24° 02' W.

On the proposed westerly right-of-way fence of the Oraibi-Leupp Road.

11.79 AP E-48, monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd. IECO PE 7633 AZ.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.



Deposit rebar with aluminum cap inside the iron post.

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS

Set a steel fence post alongside the cor.

Thence,

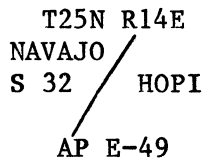
S. 15° 09' W.

On the proposed westerly right-of-way fence of the Oraibi-Leupp Road.

3.08 AP E-49, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd. IECO PE 7633 AZ.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.



1977

Deposit rebar with aluminum cap inside the iron post.

Set a steel fence post alongside the cor.

Thence,

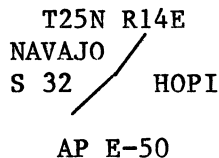
S. 14° 29' W.

On the proposed westerly right-of-way fence of the Oraibi-Leupp Road.

4.05 AP E-50, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd. IECO PE 7633 AZ.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.



1977

Deposit rebar with aluminum cap inside the iron post.

Set a steel fence post alongside the cor.

Thence,

S. 15° 12' W.

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS	
0.80	<p>On the proposed westerly right-of-way fence of the Oraibi-Leupp Road.</p> <p>Point for AP E-50A at intersection with the Sixth Standard Parallel North, (S. bdy., sec. 32, T. 25 N., R. 14 E.), not monumented.</p> <p>From this point, the stan. 1/4 sec. cor. of sec. 32, on the S. bdy. of the Tp., bears S. 89° 58' W., 8.54 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd., as described in the field note record of the dependent resurvey of the Sixth Standard Parallel North (S. bdy. of T. 25 N., R. 14 E.), executed concurrently under this same group.</p> <p>From this same point, the stan. cor. of secs. 32 and 33, on the S. bdy. of the Tp., bears N. 89° 58' E., 31.46 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, flush with the ground, with brass cap mkd., as described in the field note record of the dependent resurvey of the Sixth Standard Parallel North (S. bdy., T. 25 N., R. 14 E.), executed concurrently under this same group.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence, over unsurveyed land.</p> <p>S. 15° 12' W.</p> <p>On the proposed westerly right-of-way fence of the Oraibi-Leupp Road.</p>
2.17	<p>AP E-51, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>NAVAJO / HOPI</p> <p>AP E-51</p> <p>1977</p> </div> <p>Deposit rebar with aluminum cap inside the iron post.</p> <p>Set a steel fence post alongside the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>S. 25° 23' W.</p> <p>On the proposed westerly right-of-way fence of the Oraibi-Leupp Road.</p>
13.17	<p>Point for AP E-51A.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

27

CHAINS

NAVAJO HOPI
AP E-51A

1977

This cor. is located on the westerly right-of-way fence of the Oraibi-Leupp Road.

Thence,

S. 37° 40' W.

On the westerly right-of-way fence of the Oraibi-Leupp Road.

3.66 Point for AP E-51B.

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

NAVAJO HOPI
AP E-51B

1977

This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.

Thence,

S. 42° 13' W.

On the westerly right-of-way fence of the Oraibi-Leupp Road.

4.24 Point for AP E-52.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.

NAVAJO HOPI
AP E-52

1977

This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.

Thence,

S. 46° 51' W.

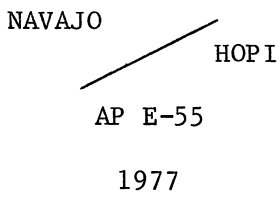
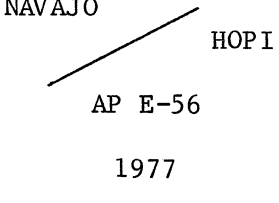
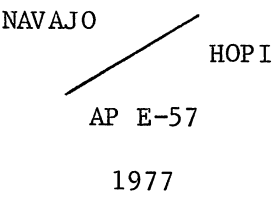
On the westerly right-of-way fence of the Oraibi-Leupp Road.

23.58 Point for AP E-53.

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS	
	<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> <div style="text-align: center;"> <p>NAVAJO HOPI AP E-53 1977</p> </div> <p>This cor. is located on the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <hr style="width: 20%; margin: auto;"/> <p>Thence</p> <p>S. 46° 51' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>
25.92	<p>AP E-54, monumented with a rebar, 1/2 in. diam., firmly set, flush with the ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.</p> <div style="text-align: center;"> <p>NAVAJO HOPI AP E-54 1977</p> </div> <p>Deposit the rebar with aluminum cap inside the iron post.</p> <p>Set a steel fence post alongside the cor.</p> <hr style="width: 20%; margin: auto;"/> <p>Thence</p> <p>S. 46° 51' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>
41.54	<p>AP E-55, monumented with a rebar, 1/2 in. diam., firmly set, 2 ins. below ground, with aluminum cap mkd. IECO PE 7633 AZ.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in concrete, with brass cap mkd.</p>

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS		
	<p style="text-align: center;"> NAVAJO  HOPI AP E-55 1977 </p> <p>Deposit the rebar with the aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <p style="text-align: center;">—————</p> <p>Thence,</p> <p>S. 46° 51' W.</p> <p>On the westerly right-of-way fence of the Oraibi-Leupp Road.</p>	
32.92	<p>AP E-56, monumented with a rebar, 1/2 in. diam., firmly set, flush with the ground, with aluminum cap mkd. IEKO PE 7633 AZ.</p> <p>At the cor. point</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;"> NAVAJO  HOPI AP E-56 1977 </p> <p>Deposit the rebar with the aluminum cap inside the iron post.</p> <p>This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.</p> <p style="text-align: center;">—————</p> <p>Thence,</p> <p>S. 46° 51' W.</p>	
2.62	<p>AP E-57, monumented with a rebar, 1/2 in. diam., firmly set, flush with the ground, with aluminum cap mkd. IEKO PE 7633 AZ.</p> <p>At the cor. point</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;"> NAVAJO  HOPI AP E-57 1977 </p>	

Survey of the Partition Line between
the Hopi Tribe and Navajo Tribe, Arizona
Segment "E"

CHAINS

Deposit the rebar with the aluminum cap inside the iron post.

This cor. is located in the westerly right-of-way fence of the Oraibi-Leupp Road.

Thence,

S. 46° 51' W.

On the westerly right-of-way fence of the Oraibi-Leupp Road.

3.04 Point for AP E-58 at intersection with the S. bdy. of the 1882 Hopi Indian Reservation.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in concrete, with brass cap mkd.

NAVAJO / HOPI
AP E-58
EO 1882
NAVAJO

1977

This cor. is located at cor. of fences bearing NE, E. and W.

From this cor., the 131 mile + 4.70 chs. cor., on the S. bdy. of the 1882 Hopi Indian Reservation, bears EAST, 2.27 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 12 ins. above ground, in a fence extending E. and W., with brass cap mkd.

EO 1882
131 M + 4.70 CHS.
NAVAJO

1964

From this same cor., the 131 mile cor., on the S. bdy. of the 1882 Hopi Indian Reservation, bears WEST, 3.00 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 4 ins. above ground, in a fence extending E. and W., with brass cap mkd.

EO 1882
131 M
NAVAJO

1964

Segment "E"

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located approximately 22 miles northeast of Leupp, Arizona, and approximately 28 miles south-southwest of the village of New Oraibi. Elevations range from approximately 4800 to 5100 feet above sea level. Access is by way of the Leupp-Oraibi Road which crosses the area in a north-east-southwest direction, and numerous unimproved roads and trails. The principal use of the area is the grazing of livestock. The vegetation consists of sparse native grasses and weeds. Drainage is generally westerly by numerous dry washes.

There are a few scattered hogans throughout the area, which are supplied with water by a windmill located in section 23, Township 25 North, Range 14 East.

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 surveyed the partition line between
the Hopi Tribe and the Navajo Tribe "Segment E"

of the 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 20, 1981

(Date)
Paul D. Dennis

~~XXXXXXXXXXXX~~
Chief, Branch of Cadastral Survey

February 24, 1981

(Date)
Shirley B. Hjellum

Supervisory (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Denver, Colorado

The foregoing field notes of the survey of the partition line between the Hopi
Tribe and the Navajo Tribe "Segment E"

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

SEP 17 1981

(Date)
ACTING (Chief, Cadastral Survey Examination and Approval Staff)
Mary S. Spight

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)