

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE
HOPI-NAVAJO PARTITION LINE, SEGMENT "D"
AND
THE SURVEY OF THE SOUTH BOUNDARY,
PORTIONS OF THE EAST AND WEST BOUNDARIES
AND
A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 35 NORTH, RANGE 18 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated April 25, 2007, approved April 25, 2007, which provided for the surveys included under Group No. 1021, and assignment instructions dated April 25, 2007.

Survey commenced May 9, 2007

Survey completed June 20, 2007

INDEX DIAGRAM

TOWNSHIP 35 NORTH RANGE 18 EAST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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Dependent resurvey of a portion of the Hopi-Navajo
 Partition Line, Segment "D". Pages 3-11

T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the Hopi-Navajo Partition Line, Segment "D", and the survey of the South Boundary, portions of the East and West Boundaries and a portion of the subdivisional lines, Township 35 North, Range 18 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

The Partition Line bet. the Hopi tribe and the Navajo tribe, Segment "D", was surveyed by, Kenneth A. Krenke, Harry S. Pierce, Shirley B. Hjellum and Jerry, L. Wahl, Supervisory Cadastral Surveyors, from 1977 to 1981.

The South (a portion of the Eighth Standard Parallel North), East, West and North boundaries, and the subdivisional lines of Township 33 North, Range 19 East, Gila and Salt River Meridian, were surveyed by Jones Curtiss, Cadastral Surveyor, in 2001.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated April 25, 2007, for Group No. 1021, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5800 model receivers.

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) FRED FREDONIA CORS ARP, FST1 FLAGSTAFF 1 CORS ARP, AND P011 SPIDERROCKAZ2005 CORS ARP. The geographic position of the southeast corner of the township is as follows:

Latitude: 36°23'22.54" N. Longitude: 110°20'47.71" W.

The mean magnetic declination is 11 1/4° E.

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

Restoring a portion of the survey executed by Kenneth A. Krenke, Harry S. Pierce, Shirley B. Hjellum and Jerry Wahl, in 1977-81

Beginning at AP D-143, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with a brass cap mkd. APD-143 NAVAJO HOPI 1979, from which the orig. bearing trees

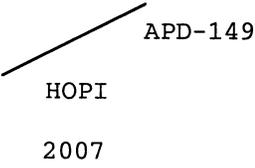
**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A juniper, 14 ins. diam., bears S. 41° E., 85 lks. dist., with scribe marks APD 143 HIR BT visible on an open blaze.</p> <p>A juniper, 10 ins. diam., bears N. 4 1/4° W., 62 lks. dist., with scribe marks APD 143 NIR BT on an open blaze. (Record: N. 18° W., 59 lks.)</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears N. 83° E. and S. 83° W.</p> <p>S. 83°21' W., on line D-143 - D-144.</p>
40.00	<p>AP D-144, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the remnants of a mound of stone, 4 ft. base, with a brass cap mkd. APD-144 NAVAJO HOPI 1979.</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears N. 83° E. and S. 83° W.</p> <hr/> <p>S. 83°22' W., on line D-144 - D-145.</p>
40.00	<p>AP D-145, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a brass cap mkd. APD-145 NAVAJO HOPI 1979, from which the orig. bearing trees</p> <p>A dead piñon, 7 ins. diam., bears S. 5 3/4° E., 32 lks. dist., with scribe marks APD 145 HIR BT visible on an open blaze. (Record: S. 9° E., 39 lks.)</p> <p>A piñon, 6 ins. diam., bears N. 17 3/4° W., 70 lks. dist., with scribe marks AP 1 5 N on a partially rotted blaze. (Record: N. 12° W.)</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears N. 83° E. and S. 83° W.</p> <hr/> <p>S. 83°19' W., on line D-145 - D-146.</p>

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
27.61	<p>AP D-146, monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 3 ft. base, 10 ins. high, with a brass cap mkd. APD-146 NAVAJO HOPI 1979, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 12 ins. diam., bears S. 58° E., 55.5 lks. dist., with scribe marks APD 146 HIR BT visible on an open blaze.</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears N. 14 3/4° W., 57.5 lks. dist., with scribe marks APD 146 NIR BT on an open blaze. (Record: N. 17° W.)</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls near an angle point of a barbed wire fence, 5 strand, bears N. 83° E. and S. 35° W.</p> <hr/> <p>S. 34°36' W., on line D-146 - D-147.</p>
40.01	<p>AP D-147, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with a brass cap mkd. APD-147 NAVAJO HOPI 1979, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 21 ins. diam., bears S. 51° E., 1.41 chs. dist., with scribe marks APD 147 HIR BT visible on an open blaze.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears N. 12 1/2° W., 1.43 chs. dist., with scribe marks APD 147 NIR BT on a partially healed blaze. (Record: piñon, N. 17° W., 147 lks.)</p> <p>Add the marks 2007 to the brass.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears N. 35° E. and S. 35° W.</p> <hr/> <p>S. 34°34' W., on line D-147 - D-148.</p>
8.39	<p>AP D-148, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with a brass cap mkd. NAVAJO HOPI APD-148 1979, from which the remains of the orig. bearing trees</p> <p style="padding-left: 40px;">An area near decayed root crown of a fallen piñon, 7 ins. diam., bears N. 4° E., 2.07 chs. dist., with scribe marks APD 148 NIR BT visible on an open blaze. (Record: N. 8° E., 205 lks.)</p>

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A dead juniper, 8 ins. diam., bears S. 20 3/4° E., 2.10 lks. dist., with scribe marks APD 148 HIR BT on an open blaze. (Record: S. 15° E., 212 lks.)</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls near an angle point of a barbed wire fence, 5 strand, bears N. 35° E. and S. 58° W.</p> <hr/> <p>S. 57°53' W., on line D-148 - D-149.</p>
40.00	<p>Point for AP D-149, at proportionate dist., by grant boundary method, there is no remaining evidence of the orig. cor. due to old mining activity.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>NAVAJO</p>  </div> <p>Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, NW of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Corner falls 50 lks. N. of an old, wireless fence line, bears N. 45° E. and S. 45° W.</p> <p>Cor. falls in groomed, reclaimed mining area.</p> <hr/> <p>S. 57°53' W., on line D-149 - D-149A, beginning new measurement.</p>
40.00	<p>Point for AP D-149A, at proportionate dist., by grant boundary method, there is no remaining evidence of the orig. cor. due to old mining activity.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p>

Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

NAVAJO

APD-149A

HOPI

2007

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Corner falls 2.5 lks. S. of a barbed wire fence, 5 strand, bears N. 58° E. and S. 58° W.

Cor. falls in groomed, reclaimed mining area.

S. 57°53' W., on line D-149A - D-150, beginning new measurement.

13.33

Point for AP D-150, at proportionate dist., by grant boundary method, there is no remaining evidence of the orig. cor. due to old mining activity.

Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.

NAVAJO

APD-150

HOPI

2007

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Corner falls 1.5 lks. S. of a barbed wire fence, 5 strand, bears N. 58° E. and S. 78° W.

Cor. falls in groomed, reclaimed mining area.

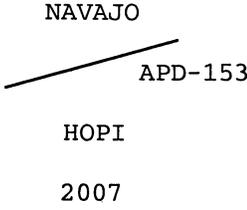
From this cor., a local cor. bears N. 77°19' W., 3.3 lks. dist., monumented with an iron rebar, 1/2 in. diam, firmly set, flush with the ground, with an alum. cap, 2 ins. diam., mkd. MATRIX LAND SURVEYING RLS25083. The local cor. is at an angle point in the 5 strand barbed wire fence line, and was used to control the fence line position along this portion of the Navajo-Hopi Partition line. The orig. fence line was removed by mining operations.

S. 78°09' W., on line D-150 - D-151.

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	<p>Point for AP D-151, at proportionate dist., by grant boundary method, there is no remaining evidence of the orig. cor. due to old mining activity.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">NAVAJO  APD-151 HOPI 2007</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Corner falls 4 lks. S. of a barbed wire fence, 5 strand, bears N. 78° E. and S. 78° W.</p> <p>Cor. falls in groomed, reclaimed mining area.</p> <p style="text-align: center;">_____</p> <p>S. 78°09' W., on line D-151 - D-152, beginning new measurement.</p>
40.00	<p>Point for AP D-152, at proportionate dist., by grant boundary method, there is no remaining evidence of the orig. cor. due to old mining activity.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">NAVAJO  APD-152 HOPI 2007</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Corner falls 1 lk. S. of a barbed wire fence, 5 strand, bears N. 78° E. and S. 78° W.</p> <p>Cor. falls in groomed, reclaimed mining area.</p>

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this cor., a local cor. bears N. 60°05' W., 2.1 lks. dist., monumented with an iron rebar, 1/2 in. diam, firmly set, flush with the ground, with an alum. cap, 2 ins. diam., mkd. MATRIX LAND SURVEYING RLS25083. The local cor. is on a straight section of the 5 strand barbed wire fence line, and was used to control the fence line position along this portion of the Navajo-Hopi Partition line. The orig. fence line was removed by mining operations.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 78°09' W., on line D-152 - D-153, beginning new measurement.</p>
40.00	<p>Point for AP D-153, at proportionate dist., by grant boundary method, there is no remaining evidence of the orig. cor.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>NAVAJO</p>  <p>HOPI</p> <p>2007</p> </div> <p>Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, westerly, on line, of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 78°09' W., on line D-153 - D-154, beginning new measurement.</p>
43.53	<p>AP D-154, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a brass cap mkd. NAVAJO HOPI APD-154 1979, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 14 ins. diam., bears S. 63° W., 1.75 chs. dist., with scribe marks APD 154 barely legible on a partially healed, bug eaten blaze. (Record: S. 64° W., 175 1/2 lks.)</p> <p style="padding-left: 40px;">A juniper, 18 ins. diam., bears N. 47 3/4° W., 1.04 chs. dist., with scribe marks APD 154 NIR BT on an open blaze. (Record: N. 53° W., 105 lks.)</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls near an angle point in a barbed wire fence, 5 strand, bears N. 78° E. and N. 60° W.</p> <hr style="width: 20%; margin: 10px auto;"/>

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	N. 60°23' W., on line D-154 - D-155.
39.96	<p>AP D-155, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with a brass cap mkd. NAVAJO HOPI APD-155 1979.</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears S. 60° E. and N. 60° W.</p> <p>There is no remaining evidence of JMR 10596, tied to and described in the orig. field notes.</p> <hr/>
	N. 60°55' W., on line D-155 - D-156.
40.04	<p>AP D-156, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. NAVAJO HOPI APD-156 1979.</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears S. 60° E. and N. 60° W.</p> <hr/>
	N. 60°39' W., on line D-156 - D-157.
39.89	<p>AP D-157, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a brass cap mkd. NAVAJO HOPI APD-157 1979.</p> <p>A steel fence post is set alongside the iron post.</p> <p>Add the marks 2007 to the brass cap.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears S. 60° E. and N. 60° W.</p> <hr/>
	N. 60°43' W., on line D-157 - D-158.
24.47	<p>AP D-158, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with a brass cap mkd. NAVAJO HOPI APD-158 1979.</p> <p>A steel fence post is set alongside the iron post.</p>

**Dependent Resurvey of a portion of the
Hopi-Navajo Partition Line, Segment "D",
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

Add the marks 2007 to the brass cap.

Cor. falls near an angle point in a barbed wire fence, 5 strand, bears S. 61° E. and S. 61° W.

S. 61°13' W., on line D-158 - D-159.

40.00

AP D-159, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, in a collar of stone, with a brass cap mkd. NAVAJO APD-159 HOPI 1979, from which the orig. bearing trees

A dead piñon, 18 ins. diam., bears N. 3° E., 45 lks. dist., with scribe marks APD 159 NIR BT visible on an open blaze.

A juniper, 26 ins. diam., bears S. 20 3/4° E., 1.45 chs. dist., with scribe marks APD 159 HIR BT on a partially healed blaze. (Record: S. 20° E.)

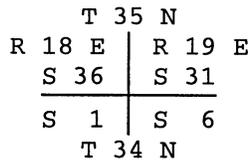
A steel fence post is set alongside the iron post.

Add the marks 2007 to the brass cap.

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

Beginning at the point for the cor. Tps. 34 and 35 N., Rs. 18 and 19 E., established at 6 miles (480 chs.) N. of the cor. of Tps. 33 and 34 N., Rs. 18 and 19 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T34N R18E R19E S36 S31 S1 S6 T33N 2001.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.



2007

from which

A piñon, 8 ins. diam., bears N. 35 1/4° E., 3.28 chs. dist., mkd. T35N R19E S31 BT.

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS							
	<p>A piñon, 6 ins. diam., bears S. 60 1/4° E., 60 lks. dist., mkd. T34N R19E S6 BT.</p> <p>A piñon, 6 ins. diam., bears S. 58 3/4° W., 2.50 chs. dist., mkd. X BT.</p> <p>A juniper, 12 ins. diam., bears N. 63 1/4° W., 2.09 chs. dist., mkd. T35N R18E S36 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, S. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>West, bet. secs. 1 and 36.</p> <p>Over rolling and broken land.</p>						
40.00	<p>Point for the 1/4 sec. cor. of secs. 1 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E</p> <p>S 36</p> <p>1/4 ———</p> <p>S 1</p> <p>T 34 N</p> <p>2007</p> </div> <p>from which</p> <p>A piñon, 10 ins. diam., bears N. 62 1/4° W., 1.385 chs. dist., mkd. 1/4 S36 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>						
80.00	<p>Point for the cor. of secs. 1, 2, 35 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 35</td> <td style="padding: 0 5px;">S 36</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 2</td> <td style="padding: 0 5px;">S 1</td> </tr> <tr> <td colspan="2" style="text-align: center;">T 34 N</td> </tr> </table> <p>2007</p> </div>	S 35	S 36	S 2	S 1	T 34 N	
S 35	S 36						
S 2	S 1						
T 34 N							

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>From this cor., Cor. No. 15, Tract No. 1, of Navajo and Hopi Joint Mineral Ownership Lease 14-20-0450-5743(H)/14-20-0603-9910(N), bears N. 61°05' E., 1.166 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 27 ins. above the ground, with iron top plate mkd. PEABODY COAL CO. COR. #15 TRACT #1 E.O.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>West, bet. secs. 2 and 35.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 2 and 35.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">T 35 N R 18 E S 35 1/4 ——— S 2 T 34 N</p> <p style="text-align: center;">2007</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
41.21	<p>Trail road, 8 ft. wide, bears S. 20° E. and N. 20° W.</p>
80.00	<p>Point for the cor. of secs. 2, 3, 34 and 35.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">T 35 N R 18 E S 34 S 35 S 3 S 2 T 34 N</p> <p style="text-align: center;">2007</p>

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>from which</p> <p style="padding-left: 40px;">A piñon, 14 ins. diam., bears N. 22° E., 2.57 chs. dist., mkd. T35N R18E S35 BT.</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears S. 76 3/4° E., 1.925 chs. dist., mkd. X BT.</p> <p>Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy mixed with sandstone. Timber, scattered piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>West, bet. secs. 3 and 34.</p> <p>Over rolling and broken land.</p>
1.35	Navajo Route 41, graded road, 30 ft. wide, bears S. 7° E. and N. 7° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 34.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 35 N R 18 E</p> <p style="padding-left: 40px;">S 34</p> <p style="padding-left: 40px;">1/4 ———</p> <p style="padding-left: 40px;">S 3</p> <p style="padding-left: 40px;">T 34 N</p> <p style="margin-top: 10px;">2007</p> </div> <p>Raise a mound of stone, 3 ft. base, 3 1/2 ft. high, N. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
46.50	Juniper Grove Wash, 40 ft. wide, 1 ft. deep, drains N. 50° W.
78.00	Wash, 15 ft. wide, 3 ft. deep, drains N. 35° E.
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p>

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">T 35 N</td> <td style="padding: 2px 10px;">R 18 E</td> </tr> <tr> <td style="padding: 2px 10px; border-right: 1px solid black;">S 33</td> <td style="padding: 2px 10px;">S 34</td> </tr> <tr> <td style="padding: 2px 10px; border-right: 1px solid black;">S 4</td> <td style="padding: 2px 10px;">S 3</td> </tr> <tr> <td colspan="2" style="padding: 2px 10px; text-align: center;">T 34 N</td> </tr> </table> <p style="text-align: center; margin-top: 10px;">2007</p> <p>Raise a mound of stone, 3 1/2 ft. base, 3 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy mixed with sandstone. Timber, none; undergrowth, sage and rabbit brush, and native grasses.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>West, bet. secs. 4 and 33.</p> <p>Over rolling and broken land.</p>	T 35 N	R 18 E	S 33	S 34	S 4	S 3	T 34 N			
T 35 N	R 18 E										
S 33	S 34										
S 4	S 3										
T 34 N											
40.00	<p>Point for the 1/4 sec. cor. of secs. 4 and 33.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p>										
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">T 35 N</td> <td style="padding: 2px 10px;">R 18 E</td> </tr> <tr> <td colspan="2" style="padding: 2px 10px; text-align: center;">S 33</td> </tr> <tr> <td colspan="2" style="padding: 2px 10px; text-align: center;">1/4 ———</td> </tr> <tr> <td colspan="2" style="padding: 2px 10px; text-align: center;">S 4</td> </tr> <tr> <td colspan="2" style="padding: 2px 10px; text-align: center;">T 34 N</td> </tr> </table> <p style="text-align: center; margin-top: 10px;">2007</p> <p>Raise a mound of stone, 3 ft. base, 3 1/2 ft. high, N. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>	T 35 N	R 18 E	S 33		1/4 ———		S 4		T 34 N	
T 35 N	R 18 E										
S 33											
1/4 ———											
S 4											
T 34 N											
80.00	<p>Point for the cor. of secs. 4, 5, 32 and 33.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.</p>										
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">T 35 N</td> <td style="padding: 2px 10px;">R 18 E</td> </tr> <tr> <td style="padding: 2px 10px; border-right: 1px solid black;">S 32</td> <td style="padding: 2px 10px;">S 33</td> </tr> <tr> <td style="padding: 2px 10px; border-right: 1px solid black;">S 5</td> <td style="padding: 2px 10px;">S 4</td> </tr> <tr> <td colspan="2" style="padding: 2px 10px; text-align: center;">T 34 N</td> </tr> </table> <p style="text-align: center; margin-top: 10px;">2007</p>	T 35 N	R 18 E	S 32	S 33	S 5	S 4	T 34 N			
T 35 N	R 18 E										
S 32	S 33										
S 5	S 4										
T 34 N											

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Raise a mound of stone, 3 ft. base, 3 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy mixed with sandstone. Timber, none; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>West, bet. secs. 5 and 32.</p> <p>Over rolling and broken land.</p>
0.90	East rim of ravine, bears N. 40° E. and S. 75° W. West rim of ravine was not measured to.
5.57	Graded road, 25 ft. wide, bears N. 33° E. and S. 33° W.
39.30	Trail road, 8 ft. wide, bears S. 45° E. and N. 25° W.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E</p> <p>S 32</p> <p>1/4 ———</p> <p>S 5</p> <p>T 34 N</p> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 58° W., 9.5 lks. dist., mkd. 1/4 S32 BT.</p>
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Deposit five 60 penny nails, and clear broken glass, at the base of the alum. post.</p>
78.10	Ridge, bears S. 30° E. and N. 30° W.
79.65	Wash, 10 ft. wide, 2 ft. deep, drains N. 40° W.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p>

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

T 35 N	R 18 E
S 31	S 32
S 6	S 5
T 34 N	

2007

from which

A juniper, 8 ins. diam., bears S. 21 3/4° W., 91 lks. dist., mkd. T35N R18E S6 BT.

A piñon, 7 ins. diam., bears N. 37° W., 99.5 lks. dist., mkd. T35N R18E S31 BT.

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Deposit five 60 penny nails at the base of the alum. post.

From this cor., Cor. No. 16, Tract No. 1, of Navajo and Hopi Joint Mineral Ownership Lease 14-20-0450-5743(H)/14-20-0603-9910(N), bears N. 77°57' W., 3.14 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 30 ins. above the ground, with iron top plate mkd. PEABODY COAL CO. COR. #16 TRACT #1 E.O.

Land, rolling and broken.

Soil, sandy mixed with sandstone.

Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.

West, bet. secs. 6 and 31.

Over rolling and broken land.

40.00 Point for the 1/4 sec. cor. of secs. 6 and 31.

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

T 35 N	R 18 E
	S 31
	1/4 ———
	S 6
T 34 N	

2007

**Survey of the South Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>from which</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears N. 53 1/2° E., 1.145 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears S. 12 1/4° E., 1.34 lks. dist., mkd. 1/4 S6 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Deposit five 60 penny nails, and clear broken glass, at the base of the alum. post.</p>										
78.93	<p>Point for the cor. of Tps. 34 and 35 N., Rs. 17 and 18 E., established at 6 miles (480 chs.) W. and 12 miles (960 chs.) N. of the Stan. Cor. of Tps. 33 N., Rs. 18 and 19 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. SC T33N R18E R19E S36 S31 2001.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a supporting mound of stone, 3 ft. base, to top of brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 0 10px;">T 35 N</td> </tr> <tr> <td style="padding: 0 5px;">R 17 E</td> <td style="padding: 0 5px;">R 18 E</td> </tr> <tr> <td style="padding: 0 5px;">S 36</td> <td style="padding: 0 5px;">S 31</td> </tr> <tr> <td style="padding: 0 5px;">S 1</td> <td style="padding: 0 5px;">S 6</td> </tr> <tr> <td colspan="2" style="padding: 0 10px;">T 34 N</td> </tr> </table> <p style="margin-top: 5px;">2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 16 ins. diam., bears N. 76 1/4° E., 96 lks. dist., mkd. T35N R18E S31 BT.</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears S. 70 1/2° W., 1.095 lks. dist., mkd. T34N R17E S1 BT.</p> <p>Deposit five 60 penny nails at the base of the stainless steel post.</p> <p>Land, rolling and broken. Soil, sandy mixed with sandstone. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr style="width: 60%; margin-left: 0;"/>	T 35 N		R 17 E	R 18 E	S 36	S 31	S 1	S 6	T 34 N	
T 35 N											
R 17 E	R 18 E										
S 36	S 31										
S 1	S 6										
T 34 N											

**Survey of a portion of the East Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From the cor. of Tps. 34 and 35 N., Rs. 18 and 19 E., hereinbefore described.</p> <p>North, bet. secs. 31 and 36.</p> <p>Over rolling and broken land.</p>
28.40	Yucca Flat Wash, 14 ft. wide, 1 ft. deep, drains S. 30° W.
39.50	Utility Lines, 5 wire, bears S. 45° E. and N. 45° W.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 36.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E R 19 E 1/4 S 36 S 31 2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 9 ins. diam., bears S. 74° E., 90 lks. dist., mkd. 1/4 S31 BT.</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears S. 30 3/4° W., 58 lks. dist., mkd. 1/4 S36 BT.</p> <p>Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls 12 lks. west of a small drainage, 3 ft. wide, 1/2 ft. deep, course not noted.</p>
80.00	<p>Point for the cor. of secs. 25, 30, 31 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E R 19 E S 25 S 30 S 36 S 31 2007</p> </div>

**Survey of a portion of the East Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>from which</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears S. 27 1/2° W., 1.26 chs. dist., mkd. T35N R18E S36 BT.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears N. 84° W., 50 lks. dist., mkd. T35N R18E S25 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>From this cor., Cor. No. 12, Tract No. 2, of Navajo and Hopi Joint Mineral Ownership Lease 14-20-0450-5743(H)/14-20-0603-9910(N), bears S. 71°52' W., 21.46 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 25 ins. above the ground, with iron top plate mkd. PEABODY COAL CO. COR. #12 TRACT #2 E.O.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, Mormon tea and native grasses.</p> <hr/> <p>North, bet. secs. 25 and 30.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 25 and 30.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 35 N</p> <p>R 18 E R 19 E</p> <p>1/4</p> <p>S 25 S 30</p> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 35 1/2° E., 30.5 lks. dist., mkd. 1/4 S30 BT.</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears N. 7 1/4° W., 47.5 lks. dist., mkd. 1/4 S25 BT.</p> <p>Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p>

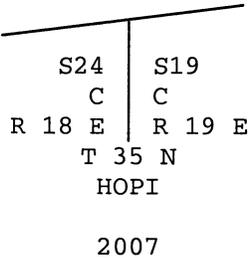
**Survey of a portion of the East Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>From this cor., Cor. No. 13, Tract No. 2, of Navajo and Hopi Joint Mineral Ownership Lease 14-20-0540-5743(H)/14-20-0603-9910(N), bears N. 55°30' W., 24.74 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 18 ins. above the ground, with iron top plate mkd. PEABODY COAL CO. COR. #13 TRACT #2 E.O.</p>
41.95	Sage Brush Wash, 30 ft. wide, 2 ft. deep, drains west.
80.00	<p>Point for the cor. of secs. 19, 24, 25, and 30, falls in a wash, 18 ft. wide, 1 ft. deep, drains S. 50° W.</p> <p>Set a 60 penny nail at the true point.</p> <p>from which</p> <p style="padding-left: 40px;">An alum. post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, encircled by a rock collar, for a reference monument, bears S. 19°58' E., 45.5 lks. dist., with an alum. cap mkd. RM T35N R19E S30 30.0 FT. TO COR 2007 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p style="padding-left: 40px;">An alum. post, 28 ins. long, 2 1/2 ins. diam., set 21 ins. in the ground, encircled by a rock collar, for a reference monument, bears N. 19°57' W., 45.5 lks. dist., with an alum. cap mkd. RM T35N R18E S24 30.0 FT. TO COR 2007 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, Mormon tea and native grasses.</p> <hr/> <p>North, bet. secs. 19 and 24.</p> <p>Over rolling and broken land.</p>
38.08	<p>Point for the closing cor. of secs. 19 and 24, at intersection with the Hopi-Navajo Partition Line, Segment "D".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p>

**Survey of a portion of the East Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

NAVAJO



from which

A juniper, 16 ins. diam., bears S. 87 1/4° E., 89.5 lks. dist., mkd. CC S19 BT.

A piñon, 12 ins. diam., bears N. 3° W., 66 lks. dist., mkd. X BT.

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Cor. falls in a barbed wire fence, 5 strand, bears N. 83° E. and S. 83° W.

From this cor., AP D-143, Hopi-Navajo Partition Line, Segment "D", bears N. 83°21' E., 37.175 chs. dist., hereinbefore described.

From this same cor., AP D-144, Hopi-Navajo Partition Line, Segment "D", bears S. 83°21' W., 2.825 chs. dist., hereinbefore described.

From this same cor., Cor. No. 16, Tract No. 2, of Navajo and Hopi Joint Mineral Ownership Lease 14-20-0540-5743(H)/14-20-0603-9910(N), bears S. 80°24' W., 20.628 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 25 ins. above the ground, with iron top plate mkd. PEABODY COAL CO. COR. #16 TRACT #2 E.O.

Land, rolling and broken.

Soil, sandy mixed with sandstone.

Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.

**Survey of a portion of the West Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	<p>From the cor. of Tps. 34 and 35 N., Rs. 17 and 18 E., hereinbefore described.</p> <p>North, bet. secs. 31 and 36.</p> <p>Over rolling and broken land.</p> <p>Point for the 1/4 sec. cor. of secs. 31 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 17 E R 18 E 1/4 S 36 S 31 2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">The marks X BO on a sandstone block, 15 x 14 x 13 ft., bears N. 36° E., 7.5 lks. dist. The X is 5 ft. above the ground.</p> <p>Deposit 5, 60 penny, nails at the base of the alum. post.</p> <p>Cor. falls at the base of a 20 ft. sandstone cliff and has sandstone block, 6 ft. to 15 ft. high, around it. Cor. falls 2 ins. SW of a sandstone slab, 8 x 3 ft., 3 ft. high.</p>
80.00	<p>Point for the cor. of secs. 25, 30, 31 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 17 E R 18 E S 25 S 30 S 36 S 31 2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 12 ins. diam., bears N. 26 3/4° E., 44 lks. dist., mkd. T35N R18E S30 BT.</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 63 3/4° E., 86 lks. dist., mkd. T35N R18E S31 BT.</p>

**Survey of a portion of the West Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p style="text-align: center;">A juniper, 8 ins. diam., bears S. 51 1/4° W., 83.5 lks. dist., mkd. T35N R17E S36 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy mixed with sandstone. Timber, piñon and juniper; undergrowth, sage and rabbit brush, Mormon tea and native grasses.</p> <hr/> <p>North, bet. secs. 25 and 30.</p> <p>Over rolling and broken land.</p>
0.48	Drainage, 4 ft. wide, 1/2 ft. deep, drains N. 30° E.
1.48	Drainage, 5 ft. wide, 1/2 ft. deep, drains S. 35° E.
35.70	South rim of canyon, bears East and N. 80° W.
38.45	South base of canyon, bears N. 65° E. and S. 60° W.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 30.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 17 E R 18 E 1/4 S 25 S 30 2007</p> </div> <p>from which</p> <p style="text-align: center;">The marks BO X on a sandstone cliff, 40 ft. wide, 11 ft. high, bears S. 7 1/2° E., 1.81 chs. dist. The X is 5 ft. above the ground.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
41.00	Wash, 24 ft. wide, 3 ft. deep, drains S. 55° W.
41.30	N. base of canyon, bears N. 80° E., and West.

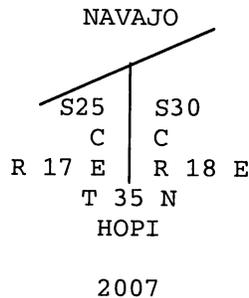
**Survey of a portion of the West Boundary,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

44.90 N. rim of canyon, bears S. 25° E. and N. 40° W.

48.565 Point for the closing cor. of secs. 25 and 30, at intersection with the Hopi-Navajo Partition Line, Segment "D".

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.



from which

A piñon, 6 ins. diam., bears S. 26 1/2° E., 66.5 lks. dist., mkd. X BT.

The marks X BO on a sandstone boulder, 10 x 4 x 3 ft., bears N. 40 1/4° W., 26.5 lks. dist. The X is 1.5 ft. above the ground, with a magnet cemented in a drill hole at the intersection of the two lines.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Cor. falls on a sandstone ledge, 5 ft. wide, 3 ft. high, with an overhanging sandstone ledge to the E.

From this cor., AP D-158, Hopi-Navajo Partition Line, Segment "D", bears N. 61°13' E., 18.725 chs. dist., hereinbefore described.

From this same cor., AP D-159, Hopi-Navajo Partition Line, Segment "D", bears S. 61°13' W., 21.275 chs. dist., hereinbefore described.

Land, rolling and broken.

Soil, sandy mixed with sandstone.

Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°01' W., bet. secs. 35 and 36.</p> <p>Over rolling and broken land.</p>
29.85	Yucca Flat Wash, 35 ft. wide, 1 ft. deep, drains N. 60° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 35 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E</p> <p>1/4</p> <p>S 35 S 36</p> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 9 ins. diam., bears N. 89° E., 44.5 lks. dist., mkd. 1/4 S36 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
80.00	<p>Point for the cor. of secs. 25, 26, 35 and 36.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E</p> <p>S 26 S 25</p> <hr style="width: 50%; margin: 0 auto;"/> <p>S 35 S 36</p> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 5 ins. diam., bears N. 23 1/4° E., 1.33 chs. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A forked juniper, 7 ins. diam., bears S. 66 1/4° E., 1.04 chs. dist., mkd. T35N R18E S36 BT on a limb.</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears S. 23 1/2° W., 99.5 lks. dist., mkd. T35N R18E S35 BT.</p>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A juniper, 9 ins. diam., bears N. 42 1/2° W., 1.165 chs. dist., mkd. T35N R18E S26 BT.</p> <p>Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, cliff rose and native grasses.</p> <hr/> <p>From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., hereinbefore described.</p> <p>West, bet. secs. 25 and 36.</p>
37.65	Utility Lines, 5 wire, bears S. 40° E. and N. 40° W.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <p align="center">T 35 N R 18 E S 25 1/4 ——— S 36</p> <p align="center">2007</p> <p>from which</p> <p>A juniper, 10 ins. diam., bears S. 17 3/4° W., 1.25 chs. dist., mkd. 1/4 S36 BT.</p> <p>A juniper, 12 ins. diam., bears N. 55 3/4° W., 17.5 lks. dist., mkd. 1/4 S25 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls 7 lks. E. of a small drainage, 2 ft. wide, 1/2 ft. deep, drains southerly.</p>
80.00	The cor. of secs. 25, 26, 35 and 36.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, cliff rose and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 25 and 26.</p> <p>Over rolling and broken land.</p>
38.80	Wash, 8 ft. wide, 1 ft. deep, drains N. 80° W.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 26.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <p style="text-align: center;">T 35 N R 18 E 1/4 S 26 S 25</p> <p style="text-align: center;">2007</p> <p>from which</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears N. 14 1/2° E., 38.5 lks. dist., mkd. 1/4 S25 BT.</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears S. 1 3/4° W., 1.155 chs. dist., mkd. 1/4 S26 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>From this cor., Cor. No. 14, Tract No. 1, of Navajo and Hopi Joint Mineral Ownership Lease 14-20-0540-5743(H)/14-20-0603- 9910(N), bears N. 7°08' E., 9.145 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 21 ins. above the ground, with iron top plate mkd. PEABODY COAL CO. COR. #14 TRACT #1 E.O.</p>
43.75	Wash, 10 ft. wide, 2 ft. deep, drains S. 30° W.
59.85	Sage Brush Wash, 30 ft. wide, 1 ft. deep, drains west.
80.00	Point for the cor. of secs. 23, 24, 25 and 26.
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p>

Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

T 35 N	R 18 E
S 23	S 24
S 26	S 25

2007

from which

The marks X BO on a sandstone boulder, 5 x 2 1/2 x 2 ft., bears N. 36 1/2° E., 18 lks. dist., with a drill hole at the intersection of the two lines of the X.

A piñon, 7 ins. diam., bears S. 51° W., 52.5 lks. dist., mkd. T35N R18E S26 BT.

A juniper, 12 ins. diam., bears N. 64° W., 68.5 lks. dist., mkd. T35N R18E S23 BT.

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Land, rolling and broken.

Soil, sandy and rocky.

Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., hereinbefore described.

West, bet. secs. 24 and 25.

Over rolling and broken land.

40.00 Point for the 1/4 sec. cor. of secs. 24 and 25.

Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.

T 35 N	R 18 E
	S 24
1/4	—
	S 25

2007

from which

A juniper, 8 ins. diam., bears N. 39 1/2° E., 1.245 chs. dist., mkd. 1/4 S24 BT.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p style="text-align: center;">A piñon, 7 ins. diam., bears S. $54\ 1/4^\circ$ E., 73.5 lks. dist., mkd. $1/4$ S25 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
80.00	<p>The cor. of secs. 23, 24, 25 and 26.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>N. $0^\circ 01'$ W., bet. secs. 23 and 24.</p> <p>Over rolling and broken land.</p>
15.38	<p>Point for the closing cor. of secs. 23 and 24, at intersection with the Hopi-Navajo Partition Line, Segment "D".</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p style="text-align: center;">NAVAJO</p> <p style="text-align: center;">S23 S24 C C T 35 N R 18 E HOPI</p> <p style="text-align: center;">2007</p> </div> <p>from which</p> <p style="text-align: center;">A piñon, 8 ins. diam., bears S. 65° E., 1.01 chs. dist., mkd. CC S24 BT.</p> <p>Raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears N. 35° E. and S. 35° W.</p>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this cor., AP D-146, Hopi-Navajo Partition Line, Segment "D", bears N. 34°36' E., 17.67 chs. dist., hereinbefore described.</p> <p>From this same cor., AP D-147, Hopi-Navajo Partition Line, Segment "D", bears S. 34°36' W., 22.34 chs. dist., hereinbefore described.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°01' W., bet. secs. 34 and 35.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 34 and 35.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled by a rock collar, 2 ft. base, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E 1/4 S 34 S 35</p> <p>2007</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls 12 lks. northeasterly of the remains of the northeasterly wall of a dilapidated log hogan.</p>
54.50	<p>Yucca Flats Wash, 20 ft. wide, 1 ft. deep, drains N. 75° W.</p>
77.85	<p>Dirt road, 12 ft. wide, bears N. 80° E. and S. 80° W.</p>
80.00	<p>Point for the cor. of secs. 26, 27, 34 and 35.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E S 27 S 26 S 34 S 35</p> <p>2007</p> </div>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>from which</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears N. 16° E., 65 lks. dist., mkd. T35N R18E S26 BT.</p> <p style="padding-left: 40px;">A piñon, 14 ins. diam., bears S. 49° E., 1.41 chs. dist., mkd. T35N R18E S35 BT.</p> <p style="padding-left: 40px;">The marks X B0 on a sandstone outcrop, 8 x 3 x 2 1/2 ft., bears S. 33 3/4° W., 37 lks. dist.</p> <p style="padding-left: 40px;">A piñon, 9 ins. diam., bears N. 44° W., 43.5 lks. dist., mkd. T35N R18E S27 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>From the cor. of secs. 25, 26, 35 and 36, hereinbefore described.</p> <p>West, bet. secs. 26 and 35.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 26 and 35.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 35 N R 18 E</p> <p> S 26</p> <p> 1/4 ———</p> <p> S 35</p> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears S. 20 1/2° E., 92.5 lks. dist., mkd. 1/4 S35 BT.</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears N. 60° W., 2.51 chs. dist., mkd. 1/4 S26 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.</p>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls 79 lks. S. of a graded road, 20 ft. wide, bears N. 70° E. and S. 75° W.</p>
43.54	Graded road, 20 ft. wide, bears N. 75° E. and S. 80° W.
80.00	<p>The cor. of secs. 26, 27, 34 and 35.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 26 and 27.</p> <p>Over rolling and broken land.</p>
4.55	<p>South edge of ravine, at confluence of small drainage, 3 ft. wide, drains N. 40° W. Ravine edge bears N. 5° E. and S. 70° W. No calls were taken for the north edge of the ravine.</p>
6.20	Sage Brush Wash, 40 ft. wide, 2 ft. deep, drains S. 75° W.
20.60	Navajo Route 41, a graded road, 30 ft. wide, bears N. 37° E. and S. 37° W.
30.82	<p>Point for the closing cor. of secs. 26 and 27, at intersection with the Hopi-Navajo Partition Line, Segment "D".</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>NAVAJO</p> <p>S27 C S26 C</p> <p>T 35 N R 18 E</p> <p>HOPI</p> <p>2007</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls 3 lks. S. of a barbed wire fence, 5 strand, bears N. 58° E. and S. 58° W.</p>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

From this cor., AP D-149, Hopi-Navajo Partition Line, Segment "D", bears N. 57°53' E., 33.84 chs. dist., hereinbefore described.

From this same cor., AP D-149A, Hopi-Navajo Partition Line, Segment "D", bears S. 57°53' W., 6.16 chs. dist., hereinbefore described.

Land, rolling and broken.
Soil, sandy and rocky.
Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.

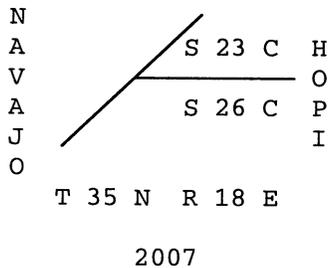
From the cor. of secs. 23, 24, 25 and 26, hereinbefore described.

West, bet. secs. 23 and 26.

10.62

Point for the closing cor. of secs. 23 and 26, at intersection with the Hopi-Navajo Partition Line, Segment "D".

Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.



from which

A juniper, 8 ins. diam., bears N. 70° E., 55 lks. dist., mkd. CC S23 BT.

A juniper, 7 ins. diam., bears S. 25° E., 1.265 lks. dist., mkd. CC S26 BT.

Raise a mound of stone, 3 ft. base, 3 ft. high, E. of cor.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Cor. falls in a barbed wire fence, 5 strand, bears N. 35° E. and S. 35° W.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this cor., AP D-146, Hopi-Navajo Partition Line, Segment "D", bears N. 34°36' E., 36.355 chs. dist., hereinbefore described.</p> <p>From this same cor., AP D-147, Hopi-Navajo Partition Line, Segment "D", bears S. 34°36' W., 3.655 chs. dist., hereinbefore described.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°02' W., bet. secs. 33 and 34.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 33 and 34.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E 1/4 S 33 S 34 2007</p> </div> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
58.40	Juniper Grove Wash, 40 ft. wide, 1 ft. deep, drains N. 75° W.
59.40	Yucca Flat Wash, 25 ft. wide, 1 ft. deep, drains S. 25° W.
62.30	Yucca Flat Wash, 20 ft. wide, 1 ft. deep, drains S. 10° E.
63.65	Yucca Flat Wash, 25 ft. wide, 1 ft. deep, drains S. 10° W.
80.00	<p>Point for the cor. of secs. 27, 28, 33 and 34.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS									
	<table border="1"> <tr> <td>T 35 N</td> <td>R 18 E</td> </tr> <tr> <td>S 28</td> <td>S 27</td> </tr> <tr> <td>S 33</td> <td>S 34</td> </tr> </table>	T 35 N	R 18 E	S 28	S 27	S 33	S 34		
T 35 N	R 18 E								
S 28	S 27								
S 33	S 34								
	2007								
	Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.								
	Deposit a magnet, in a white plastic case, at the base of the alum. post.								
	Land, rolling and broken. Soil, sandy and rocky. Timber, none; undergrowth, sage and rabbit brush, and native grasses.								
	<hr/>								
	From the cor. of secs. 26, 27, 34 and 35, hereinbefore described.								
	West, bet. secs. 27 and 34.								
	Over rolling and broken land.								
18.47	Navajo Route 41, a graded road, 30 ft. wide, bears N. 13° E. and S. 13° W.								
40.00	Point for the 1/4 sec. cor. of secs. 27 and 34.								
	Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a mound of stone, 4 ft. base, to top, with alum. cap mkd.								
	<table border="1"> <tr> <td>T 35 N</td> <td>R 18 E</td> </tr> <tr> <td>S 27</td> <td></td> </tr> <tr> <td>1/4</td> <td>—</td> </tr> <tr> <td>S 34</td> <td></td> </tr> </table>	T 35 N	R 18 E	S 27		1/4	—	S 34	
T 35 N	R 18 E								
S 27									
1/4	—								
S 34									
	2007								
	Deposit a magnet, in a white plastic case, at the base of the alum. post.								
41.30	Drainage, 18 ft. wide, 1 ft. deep, drains S. 15° W.								
80.00	The cor. of secs. 27, 28, 33 and 34.								
	Land, rolling and broken. Soil, sandy and rocky. Timber, none; undergrowth, sage and rabbit brush, and native grasses.								
	<hr/>								

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

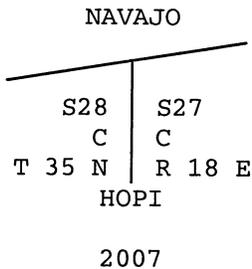
N. 0°02' W., bet. secs. 27 and 28.

Over rolling and broken land.

7.13

Point for the closing cor. of secs. 27 and 28, at intersection with the Hopi-Navajo Partition Line, Segment "D".

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



Raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Cor. falls 2 lks. S. of a barbed wire fence, 5 strand, bears N. 78° E. and S. 78° W.

Cor. also falls 50 lks. E. of a drainage, 20 ft. wide, 1 ft. deep, drains S. 10° E.

From this cor., AP D-151, Hopi-Navajo Partition Line, Segment "D", bears N. 78°09' E., 24.86 chs. dist., hereinbefore described.

From this same cor., AP D-152, Hopi-Navajo Partition Line, Segment "D", bears S. 78°09' W., 15.14 chs. dist., hereinbefore described.

Land, rolling and broken.

Soil, sandy and rocky.

Timber, none; undergrowth, sage brush, mustard weed, and native grasses.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described.

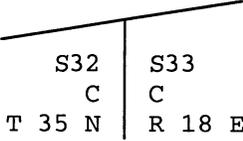
N. 0°03' W., bet. secs. 32 and 33.

Over rolling and broken land.

1.25

Southeasterly rim of a ravine, bears N. 35° E. and S. 45° W.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
8.45	Graded road, 25 ft. wide, bears N. 34° E. and S. 34° W.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33.
	Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.
	<p align="center">T 35 N R 18 E 1/4 S 32 S 33 2007</p>
	Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.
	Deposit a magnet, in a white plastic case, at the base of the alum. post.
68.30	North bank of wash, bears N. 50° E. and S. 30° W.
70.33	Point for the closing cor. of secs. 32 and 33, at intersection with the Hopi-Navajo Partition Line, Segment "D".
	Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with alum. cap mkd.
	<p align="center">NAVAJO</p>  <p align="center">2007</p>
	Deposit a magnet, in a white plastic case, at the base of the alum. post.
	Cor. falls 1 lk. N. of a barbed wire fence, 5 strand, bears N. 78° E. and S. 78° W.
	From this cor., AP D-153, Hopi-Navajo Partition Line, Segment "D", bears N. 78°09' E., 26.59 chs. dist., hereinbefore described.
	From this same cor., AP D-154, Hopi-Navajo Partition Line, Segment "D", bears S. 78°09' W., 16.94 chs. dist., hereinbefore described.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

Land, rolling and broken.
Soil, sandy and rocky.
Timber, none; undergrowth, sage brush, mustard weed, and native grasses.

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

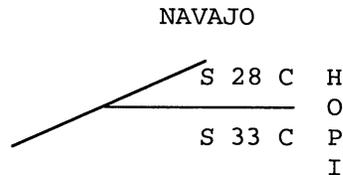
West, bet. secs. 28 and 33.

Over rolling and broken land.

33.96

Point for the closing cor. of secs. 28 and 33, at intersection with the Hopi-Navajo Partition Line, Segment "D".

Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.



T 35 N R 18 E
2007

from which

The marks X B0 on top of a sandstone outcrop, 3 x 3 x 1/2 ft., bears S. 67° W., 20 lks. dist.

Raise a mound of stone, 3 ft. base, 3 ft. high, E. of cor.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Cor. falls 2 lks. N. of a barbed wire fence, 5 strand, bears N. 78° E. and S. 78° W.

From this cor., AP D-152, Hopi-Navajo Partition Line, Segment "D", bears N. 78°09' E., 19.555 chs. dist., hereinbefore described.

From this same cor., AP D-153, Hopi-Navajo Partition Line, Segment "D", bears S. 78°09' W., 20.445 chs. dist., hereinbefore described.

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling and broken. Soil, sandy and rocky. Timber, none; undergrowth, sage brush, mustard weed, and native grasses.</p> <hr/> <p>From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°03' W., bet. secs. 31 and 32.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 32.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E 1/4 S 31 S 32</p> <p>2007</p> </div> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
77.75	<p>Wash, 9 ft. wide, 1 ft. deep, drains S. 45° W.</p>
80.00	<p>Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;"> <p>T 35 N R 18 E S 30 S 29 S 31 S 32</p> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears N. 41 3/4° E., 1.385 chs. dist., mkd. S29 BT.</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears S. 27° E., 1.59 chs. dist., mkd. T35N R18E S32 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>

**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p> <hr/> <p>East, bet. secs. 29 and 32.</p> <p>Over rolling and broken land.</p> <p>0.55 Wash, 6 ft. wide, 1 ft. deep, drains S. 10° W.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 29 and 32.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <p align="center">T 35 N R 18 E S 29 1/4 ——— S 32</p> <p align="center">2007</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>40.305 Point for the closing cor. of secs. 29 and 32, at intersection with the Hopi-Navajo Partition Line, Segment "D".</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.</p> <p align="center">NAVAJO</p> <p align="center">H C S 29 O ————— P C S 32 I</p> <p align="center">T 35 N R 18 E 2007</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Cor. falls in a barbed wire fence, 5 strand, bears S. 60° E. and N. 60° W.</p>
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**Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this cor., AP D-154, Hopi-Navajo Partition Line, Segment "D", bears S. 60°23' E., 26.60 chs. dist., hereinbefore described.</p> <p>From this same cor., AP D-155, Hopi-Navajo Partition Line, Segment "D", bears N. 60°23' W., 13.36 chs. dist., hereinbefore described.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, none; undergrowth, sage brush, and native grasses.</p>
	<p>From the cor. of secs. 29, 30, 31 and 32, hereinbefore described.</p> <p>West, bet. secs. 30 and 31.</p> <p>Over rolling and broken land.</p>
35.30	West rim of canyon, bears S. 25° E. and N. 5° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 30 and 31.</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p> <p align="center">T 35 N R 18 E S 30 1/4 ——— S 31</p> <p align="center">2007</p>
	<p>Raise a mound of stone, 2 1/2 ft. base, 2 ft. high N. of cor.</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p>
78.84	<p>The cor. of secs. 25, 30, 31 and 36, on the W. bdy. Of the Tp.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, piñon and juniper; undergrowth, sage and rabbit brush, and native grasses.</p>
	<p>From the cor. of secs. 29, 30, 31 and 32, hereinbefore described.</p> <p>N. 0°03' W., bet. secs. 29 and 30.</p> <p>Over rolling and broken land.</p>

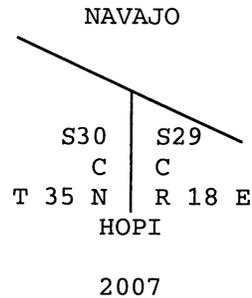
Survey of a portion of the Subdivisional Lines,
T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

1.70 Wash, 6 ft. wide, 1 ft. deep, drains S. 15° E.

22.57 Point for the closing cor. of secs. 29 and 30, at intersection with the Hopi-Navajo Partition Line, Segment "D".

Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled in a collar of stone, with alum. cap mkd.



from which

A piñon, 10 ins. diam., bears N. 87° E., 1.745 chs. dist., mkd. X BT.

A piñon, 12 ins. diam., bears S. 11° E., 1.16 chs. dist., mkd. CC S29 BT.

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Cor. falls in a barbed wire fence, 5 strand, bears S. 61° E. and N. 61° W.

From this cor., AP D-155, Hopi-Navajo Partition Line, Segment "D", bears S. 60°55' E., 32.85 chs. dist., hereinbefore described.

From this same cor., AP D-156, Hopi-Navajo Partition Line, Segment "D", bears N. 60°55' W., 7.19 chs. dist., hereinbefore described.

T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

This survey is of that portion of the Hopi Reservation that falls within this township, and was requested by the Hopi Tribe to aid in clarifying the boundary location of the Peabody Leasehold. Portions of Lease Numbers 14-20-0450-5743 and 14-20-0603-9910 fall within every section of the surveyed lands. A description of the leased lands was obtained from the Peabody Mining, Co. office, located on Black Mesa, along Navajo Route 41, and is contained in a document labeled "Attachment 2 Description of Leased Lands". No record of a survey was found, but there are monuments for these tracts in the ground, as described in the body of these field notes. From conversations with employees of the mining company it is estimated that the corners were set in the mid to late 1960's. Portions of sections 26, 27, 28, 33 and 34 appear to have been mined at one time, and have since been reclaimed, groomed and contoured to approximate their original condition.

Primary access to this survey was Navajo Route 41, which traverses northerly and southerly thru sections 26, 27 and 34. The portion of Navajo Route 41 that falls within this survey is a graded dirt road. There is a graded road that branches off of Navajo Route 41 in unsurveyed section 22 of this township, that traverses thru sections 32 and 33 in a northerly and southerly direction. Off of these two main roads there is an array of graded and trail roads that provide access to the majority of the surveyed lands. A lot of these secondary roads have not been used in quite some time and are in bad condition.

The terrain is rolling and broken hills with areas of large sandstone outcrops, and numerous washes. Sagebrush, juniper Grove and Yucca Flat are the major washes that cut thru the surveyed lands. Sagebrush Well is located just west of Navajo Route 41, within Yucca Flat wash, and bears S. 50°23' W., 26.69 chs. dist. of the section cor. of secs. 26, 27, 34 and 35. The well site is supported by a 10 x 10 x 1 ft. concrete slab, and has a 3 x 8 ft. trough extending west.

The elevation ranges from 6,300 ft. to 6,800 ft. Scattered piñon and juniper trees cover the easterly and westerly portions of this survey, with sage, cliff rose and rabbit brush undergrowth, and Mormon tea and native grasses. The center portion of this survey is more open, supporting sage and rabbit brush and native grasses, with occasional scattered piñon and juniper tree.

The mean magnetic declination of 11 1/4° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005 for the dates of survey.

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 25th day of April, 2007, I have dependently resurveyed a portion of the Hopi-Navajo Partition Line, Segment "D", and surveyed the South boundary, portions of the East and West boundaries, and portions of the subdivisional lines, T. 35 N., R. 18 E., Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

AUGUST 30, 2007
(Date)

Craig S. Dukart
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey a portion of the Hopi-Navajo Partition Line, Segment "D", and survey of the South boundary, portions of the East and West boundaries, and portions of the subdivisional lines, T. 35 N., R. 18 E., Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

SEPT. 5, 2007
(Date)

Paul J. Moss
Acting (Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 35 N., R. 18 E., Gila and Salt River Meridian, Arizona, is a true copy of the orig. field notes.~~

~~_____~~
~~(Date)~~

~~_____~~
~~(Chief Cadastral Surveyor of Arizona)~~