## ORIGINAL

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### BOOK 5280 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORT	ION OF THE ARIZONA-NEW MEXICO STATE LINE
BETWEEN ASTRONOMICAL ST	FATION NO.3 AND THE 100 MILE POST
A POR	rion of Section 7
	AND
THE SURVEY OF THE SOU	UTH BOUNDARY, THE NORTH BOUNDARY,
A COMPLETION SURVE	EY OF THE SUBDIVISIONAL LINES
TOWNSHIP 26	5 NORTH, RANGE 31 EAST
Of the <u>Gila and Salt Rive</u> In the State of <u>Arizona</u>	er Meridian,
	EXECUTED BY
Richard S. Kaiser	, Cadastral Surveyors
James L. Werdel	, Cadastral Surveyor
, which provided for the surveys incl	ril 18 , 1984, approved <u>April 18 ,</u> 1984 Luded under Group Number ons dated <u>April 18 , 1984.</u>
	July 10 , 1984
Survey completed	1 October 15 . 1984

#### INDEX DIAGRAM

TOWNSHIP _	26 NORTH	, RA	NGE _	31 E	AST	•
_	23		24		8	
	6	44	5	44	91M	
			42		9	
					91 1/2M 10	
	7		8	43	92M 10	
		20	40		92 1/2 M	
	19				12	
	18	38	17	41	93м	
ARIZONA	38	_	36		13	NEW MEXICO
	19	35	20	37	94M	
	33		32			
				-	14	
	30	30	29	33	95M	
	30		28		14	
			2.\$ <sup>2</sup>			
	31	26	32	29	96м	
	20		22			
ARIZONA-NEW MEXICO STATE LINE Astronomical Sta. No. 3pp.	. 5.				'   <b>96See</b> D:	
Mile No. 87pp. Mile No. 88pp.		Mile	No.	98	pp. 19	6.
Mile No. 89pp. Mile No. 90pp.	. 7.	Mile	No.	99	pp. 1	7.
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#### T 26 N, R 31 E, Gila and Salt River Mer., Arizona

#### CHAINS

The following field notes are those of the dependent resurvey of a portion of the Arizona-New Mexico State line between Astronomical Station No. 3 and the 100 mile post, and a portion of section 7, Township 26 North, Range 31 East, and the survey of the south boundary, the north boundary and a completion survey of the subdivisional lines of Township 26 North, Range 31 East, Gila and Salt River Meridian, Arizona.

The resurvey and survey were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 18, 1984, for Group No. 655, Arizona.

The Arizona-New Mexico State Boundary was surveyed by Chandler Robbins, in 1875. John G. Evans surveyed the abandoned south boundary of the Navajo Indian Reservation in 1885. The 87th mile of the Arizona-New Mexico State boundary was retraced by Sidney E. Blout, in 1921. A portion of the Arizona-New Mexico State boundary between Mile Post 91 and Mile Post 93 was dependently resurveyed by A. Parker Warner, in 1931. A portion of the Arizona-New Mexico State boundary between Mile Post 92 1/2 and Mile Post 100 was retraced by Paul D. Dennis and Marlin G. Livermore II, in 1962. A portion of the west boundary between the SW township corner and the abandoned south boundary of the Navajo Indian Reservation was surveyed by James A. Lamport, in 1900. A portion of the west boundary between the SW township corner and the abandoned south boundary of the Navajo Indian Reservation was dependently resurveyed and a portion of the west boundary between the abandoned south boundary of the Navajo Indian Reservation and the NW corner of section 7, and the boundaries and subdivision of section 7 were surveyed by Paul L. Reeves, in 1978, the west bdy. of sec. 6, was dependently resurveyed by Kevin P. DeRossett and Richard S. Kaiser in 1984-85.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at

#### T 26 N, R 31 E, Gila and Salt River Mer., Arizona

**CHAINS** 

proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of lines were determined by direct solar observations and refer to the true meridian. Distances and angles were measured using a Zeiss SM-4 electronic instrument, and a Kern K1-ST theodolite used in conjunction with a Kern DM-502 electronic distance measuring device.

The geographic coordinates at the following listed points were determined by the technique of relative positioning using the Magnovax 1502 Satellite Surveyor. "MIKE", a first order triangulation station established by the United States Coast and Geodetic Survey was used as the control station. Elevations and coordinates refer to the top of the monument.

Corner/Station

Elevation

Latitude

Longitude

Southwest Township Corner

6,726 ft.

35°36'17.314" N 109°04'53.174" W

Northwest Township Corner

6,700 ft.

35°41'32.158" N 109°04'52.642" W

The mean magnetic declination is 12 1/2° E.

Dependent Resurvey of a Portion of the Arizona-New Mexico State Line Bet. Astronomical Station No. 3 and the 100 Mile Post

Reestablishment of the survey executed by Chandler Robbins, in 1875, the retracement executed by Sidney E. Blout, in 1921, the dependent resurvey executed by A. Parker Warner, in 1931, and the retracement executed by Paul D. Dennis and Marlin G. Livermore, in 1962

CHAINS	
	Beginning at Astronomical Station No. 3, on the 87th mile of the Arizona-New Mexico State line, monumented with a sandstone, 24 x 12 x 8 ins., firmly set, projecting 4 ins. above ground, mkd. 86.77 on the N side, ARIZ 35°45' NL on the W side, and AS 1875 on the top, with no discernible markings on the E or S sides.
	from which
	A stainless steel post, 28 ins. long.2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S 45° E, 50 ft. dist., with brass cap mkd. ASTRO MON NM RM 50 FT, and an arrow pointing to the cor., deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the RM and set a steel fence post alongside the RM.
	A stainless steel post, 28 ins. long.2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S 45° W, 50 ft. dist., with brass cap mkd. ASTRO MON AZ RM 50 FT, and an arrow pointing to the cor., deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the RM and set a steel fence post alongside the RM.
	S 0°29' E, on the 87th mile of the Arizona-New Mexico State Line.
	Over rolling land.
14.90	A trail road, bears E and W.
22.70	A barbed wire fence, 4 strand, extending E and W.
44.85	A wash, 100 lks. wide, 10 ft. deep, drains W.
66.51	Point for the 87 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

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CHAINS	
	87M AZ   NM
	1984
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
	S 0°03' E, on the 88th mile of the Arizona-New Mexico State Line.
	Over rolling land.
12.20	Wood pole power line, bears N 60° W and S 60° E.
12.55	Wood pole power line, bears N 60° W and S 60° E.
22.32	A barbed wire fence, 4 strand, extending E and W.
26.23	A barbed wire fence, 4 strand, extending E and W.
30.77	A barbed wire fence, 4 strand, extending E and W.
36.72	A barbed wire fence, 4 strand, extending E and W.
43.64	Center line of road, asphalt surfaced, 50 lks. wide, bears E and W.
56.10	A wash, 200 lks. wide, 15 ft. deep, drains W.
69.35	Wood pole telephone line, bears S 70° E and N 70° W.
79.92	Point for the 88 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	88M AZ   NM 1984
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.

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CHAINS	Set a steel fence post alongside the cor.
	S 0°03' E, on the 89th mile of the Arizona-New Mexico State Line.
	Over gently rolling land.
16.25	A trail road, bears N 60° E and S 60° W.
41.50	A trail road, bears N 60° E and S 60° W.
79.92	Point for the 89 Mile Post, at proportionate dist. there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	89M AZ   NM 1984
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
	S 0°03' E, on the 90th mile of the Arizona-New Mexico State Line.
	Gradually ascend
12.00	Ascend sandstone cliffs, 250 ft. high, through scattered pinyon and juniper.
24.00	Enter mountainous terrain, through dense pinyon and juniper.
42.22	A rebar, of unknown origin, 5/8 in. diam., bears W, 37 lks. dist., projecting 1 in. above ground, located 3 lks. N of a sandstone, 24 x 14 x 5 ins., loosely set, with no discernible markings.
42.50	Descend through dense pinyon and juniper.
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CV. 1319	
79.92	Point for the 90 Mile Post, at proportionate dist. there is no remaining evidence of the original cor.
	Set an aluminum post, 12 ins. long, 1 in. diam., 8 ins. in a drill hole in exposed bedrock, cemented in place, with magnetized cap mkd.
	90M AZ   NM 1984
	from which
	A pinyon, 10 ins. diam., bears S 17 1/4° W, 95 lks. dist., mkd. 90M AZ BT.
	A pinyon, 10 ins. diam., bears S 72 1/4° W, 92 1/2 lks. dist., mkd. 90M AZ BT.
	A sandstone monolith, 10 x 10 x 8 ft. above ground, bears N 39 1/2° W, 82 lks. dist., mkd. X BO at the base.
	Deposit a magnet beneath the aluminum post in the drill hole.
	S 0°03' E, on the 91st. mile of the Arizona-New Mexico State Line.
	Descend over exposed sandstone outcroppings.
10.00	Over level land.
10.70	A wash, 100 lks. wide, 15 ft. deep, drains SW.
17.45	Underground water line, bears N 70° E and S 70° W.
18.00	A trail road, bears N 70° E and S 70° W.
21.00	Ascend moderate N slope, enter dense pinyon and juniper.
37.12	The closing cor. of Tps. 26 and 27 N, R 31 E, Gila and Salt River Mer., hereinafter described.
55.19	A barbed wire fence, 5 strand, extending E and W.

CHAINS <b>55.60</b>	Descend over rugged, rolling land.
79.78	The 1/4 sec. cor. of sec. 5 only, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
79.92	Point for the 91 Mile Post, at proportionate dist., there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	91M AZ   NM 1984
	from which
	A pinyon, 14 ins. diam., bears N 60° E, 35 lks. dist., mkd. 91M NM BT.
	A pinyon, 12 ins. diam., bears S 72 3/4° W, 36 lks. dist., mkd. 91M AZ BT.
	A pinyon, 14 ins. diam., bears N 30 1/2° W, 1.06 chs. dist., mkd. X BT.
	Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	South, on the 92nd mile of the Arizona-New Mexico State Line.
	Descend moderate S slope, through dense timber.
39.86	The closing cor. of secs. 5 and 8, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
40.12	The 91 1/2 Mile Post, monumented with an iron post, 1 in. diam., set flush with the ground, with brass cap mkd. as described in the official record of the 1931 retracement and resurvey of the Arizona-New Mexico State bdy. from the 93 to 86 mile cor., from which the remaining original bearing tree
	A pinyon, 12 ins. diam., bears N 75° E, 57 lks. dist., mkd. 91 1/2 M NM BT. (Record: N 45° E)

CHAINS	
	and new bearing trees
	A juniper, 10 ins. diam., bears N 20° E, 1.26 chs. dist., mkd. 91 1/2 M NM BT.
	A pinyon, 12 ins. diam., bears S 63° W, 55 lks. dist., mkd. 91 1/2 M AZ BT.
	A pinyon, 12 ins. diam., bears N 19 1/2° W, 50 lks. dist., mkd. 91 1/2 M AZ BT.
	Add the marks 1984 on the brass cap.
	S 0°39' E, beginning new measurement.
	Over gently rolling land, through dense timber.
5.20	A barbed wire fence, 5 strand, extending E and W.
18.40	A trail road, bears N 60° E and S 60° W, also an underground water line, parallel to a road, and a telephone line parallel to a road.
39.74	The 1/4 sec. cor. of sec. 8 only, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
39.83	Point for the 92 Mile Post, at proportionate dist.; there is no remaining evidence of the cross (X) mkd. in sandstone during the 1931 retracement and resurvey of the Arizona-New Mexico State bdy. from the 93 to 86 mile cor.
	Set a brass tablet, 3 1/4 ins. diam., with a 3 1/2 in. shank, flush in exposed bedrock, cemented in place, mkd.
	92M AZ   NM 1984
	Deposit a magnet beneath the tablet in the drill hole.
	S 0°39' E, on the 93rd. mile of the Arizona-New Mexico State Line.

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CHAINS	
CHAINS	Over exposed bedrock.
2.43	The witness cor. to the 92 Mile Post, monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the 1931 retracement and resurvey of the Arizona-New Mexico State bdy. from the 93 to 86 mile cor., from which the remaining original bearing trees
	A pinyon, 10 ins. diam., bears S 31° E, 32 lks. dist., mkd. WC 92M BT NM. (Record: S 20° E, 44 lks. dist.) Remark to read AP BT NM.
	A pinyon, 8 ins. diam., bears N 3° W, 64 lks. dist., mkd. WC 92M BT NM. (Record: N 8° E, 65 lks. dist.) Remark to read AP BT AZ.
	This cor. now functions as an angle point.
	Remark the brass cap to read
	AP AZ   NM 1984
	and new bearing trees
	A pinyon, 14 ins. diam., bears N 68° E, 91 lks. dist., mkd. AP BT NM.
	A pinyon, 6 ins. diam., bears N 85 1/2° W, 47 lks. dist., mkd. AP BT AZ.
	S 0°14' W, beginning new measurement.
	Descend moderate S slope.
5.93	Wood pole power line, bears E and W.
37.25	Point for the 92 1/2 Mile Post, at proportionate dist. there is no remaining evidence of the original cor.

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	92 1/2 M AZ   NM 1984
	from which
	A right-of-way monument, marking the N right-of-way of Arizona State Highway No. 264, bears S 18 1/2° E, 2.96 chs. dist., monumented with a railroad rail, firmly set in concrete, projecting 8 ins. above ground, painted yellow, with no discernible markings.
	A 60d nail, set in S face of a telephone pole, mkd. HPT 676 SPPH 630, bears N 87 1/2° W, 2.05 chs. dist.
	A 60d nail, set in E face of a telephone pole, No. 09, bears N 52° E, 2.57 chs. dist.
	From this point a pipe, 2 ins. diam., projecting 18 ins. above ground, painted white, bears S 29 1/4°W, 27 lks. dist., mkd. NTUA, WATER LINE.
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
	S 0°26' W, beginning new measurement.
0.23	The closing corner of secs. 8 and 17, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
1.83	N right-of-way of Arizona State Highway No. 264, coincident with a barbed wire fence, 5 strand, extending SE and NW along a curve.
3.94	Center line of Arizona State Highway No. 264, asphalt surfaced, 150 lks. wide, on a curve to the left, bears generally S 49° E and N 49° W.
5.54	S right-of-way of Arizona State Highway No. 264.
12.01	The abandoned SW cor. of the Navajo Indian Reservation, bears W, 16 lks., monumented with an iron post, 3 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1931 dependent resurvey of the S bdy. of the Navajo Indian Reservation.

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CHAINS	
	Cor. is located in a barbed wire fence line, extends E and W.
39.69	The 93 Mile Post, monumented with an iron post, 3 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd. as described in the official record of the 1931 retracement and resurvey of the Arizona-New Mexico State bdy. from the 93 to 86 mile cor.
	Cor. is located 5 lks. E of a barbed wire fence, extends N and S.
	S 0°21' W, on the 94th mile of the Arizona-New Mexico State Line.
	Over rolling land.
0.53	The 1/4 sec. cor. of sec. 17 only, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
9.61	The closing cor. of Tps. 16 and 17 N, R 21 W, New Mexico Prin. Mer., bears West, 2 lks. dist., monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.
	Cor. is located in a barbed wire fence line, extends N and S.
12.60	A trail road, bears S 70° E and N 70° W.
40.52	The closing cor. of secs. 17 and 20, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
41.00	Ascend steep N slope, enter scattered pinyon and juniper.
53.20	Top of ridge, 350 ft. high, bears NE and SW, descend steep S slope.
74.00	Foot of descent, thence over rolling grassland.
80.345	The 94 Mile Post, monumented with an iron post, 2 1/2 ins. diam., projecting 9 ins. above ground, with brass cap mkd. as described in the official record of the 1962 retracement of a portion of the Arizona-New Mexico State bdy.

CHAINS	From this point, U.S.G.S. 3rd Order Triangulation Station "MIKE", monumented with a brass tablet, 3 1/2 ins. diam., firmly set in exposed sandstone bedrock, cemented in place, with top mkd. MIKE 1955 ELEVATION ABOVE SEA FEET, bears N 54°32'53" W, 16.227 chs. dist.
	Cor. is located in a barbed wire fence line, extends N and S.
	S 0°01' E, on the 95th mile of the Arizona-New Mexico State Line.
	Over rolling land.
0.19	The 1/4 sec. cor. of sec. 20 only, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
8.40	The closing cor. of secs. 3 and 10, T 16 N, R 21 W, New Mexico Prin. Mer., monumented with an iron post, 2 1/2 ins. diam., projecting 3 ins. above ground, with brass cap mkd. as shown in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.
	Cor. is located in a barbed wire fence line, extends N and S.
40.205	The closing cor. of secs. 20 and 29, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
48.41	The 1/4 sec. cor. of sec. 10 only, T 16 N, R 21 W, New Mexico Prin. Mer., monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.
79.905	The 95 Mile Post, monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above ground, with brass cap mkd. as described in the official record of the 1962 retracement of a portion of the Arizona-New Mexico State bdy.
	Cor. is located in a barbed wire fence line, extends N and S.
	S 0°31' E, on the 96th mile of the Arizona-New Mexico State Line.

CHAINS	Over rolling, broken land with dense juniper and pinyon.				
0.30	The 1/4 sec. cor. of sec. 29 only, T 29 N, R 31 E, Gila and Salt River Mer., hereinafter described.				
8.52	The closing cor. of secs. 10 and 15, T 16 N, R 21 W, New Mexico Prin. Mer., bears W, 1 lk. dist., monumented with an iron post, 2 1/2 ins. diam., projecting 20 ins. above ground, and in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.				
9.10	Descend 50 ft., continue over rolling land.				
40.30	The closing cor. of secs. 29 and 32, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.				
47.90	The 1/4 sec. cor. of sec. 15 only, T 16 N, R 21 W, New Mexico Prin. Mer., monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.				
	Cor. is located in a barbed wire fence line, extends N and S.				
57.90	A trail road, bears N 10° E and S 10° W.				
58.30	Underground gas line, bears S 40° E and N 40° W.				
79.665	The 96 Mile Post, monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1962 retracement of a portion of the Arizona-New Mexico State bdy.				
	Cor. is located 2 lks. E of a barbed wire fence, extends N and S.				
	S 0°13' W, on the 97th mile of the Arizona-New Mexico State Line.				
	Over gently rolling land.				
0.65	The 1/4 sec. cor. of sec. 32 only, T 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.				

7.65	The closing cor. of secs. 15 and 22, T 16 N, R 21 W, New Mexico Prin. Mer., monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.  Cor. is located in a barbed wire fence line, extends N and S.
25.80	Underground gas line, bears E and W.
40.665	The closing cor. of Tps. 25 and 26 N, R 31 E, Gila and Salt River Mer., hereinafter described.
45.80	A trail road, bears N 50° E and S 50° W.
47.97	The 1/4 sec. cor. of sec. 22 only, T 16 N, R 21 W, New Mexico Prin. Mer., monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.
	Cor. is located in a barbed wire fence line, extends N and S.
80.09	Point for the 97 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	98M AZ   NM 1984
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
	Cor. is located 4 lks. E of a barbed wire fence, extends N and S.
	S 0°13' W, on the 98th mile of the Arizona-New Mexico State Line.
	Over gently rolling land.

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CHAINS <b>8.38</b>	The closing cor. of secs. 22 and 27, T 16 N, R 21 W, New Mexico Prin. Mer., bears West, 4 lks. dist., monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.
	Cor. is located in a barbed wire fence line, extends N and S.
27.90	A trail road, bears E and W.
47.79	The 1/4 sec. cor. of sec. 27 only, T 16 N, R 21 W, New Mexico Prin. Mer., bears west, 4 lks. dist., monumented with an iron post, 2 1/2 ins. diam., projecting 9 ins. above ground, with brass cap mkd. as described in the official record of the 1962 dependent resurvey of T 16 N, R 21 W.
	Cor. is located in a barbed wire fence line, extends N and S.
80.09	Point for the 98 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	98M AZ   NM 1984
	from which
	A pinyon, 10 ins. diam., bears S 65° E, 81 lks. dist., mkd. 98M NM BT.
	A pinyon, 14 ins. diam., bears S 72° W, 34 lks. dist., mkd. 98M AZ BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.
	Cor. is located 5 lks. E of a barbed wire fence, extends N and S.
	S 0°13' W, on the 99th mile of the Arizona-New Mexico State Line.

CHAINS	Over rolling broken land, through scattered pinyon and juniper.				
80.09	Point for the 99 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.				
	99M AZ   NM 1984				
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Cor. is located 1 lk. E of a barbed wire fence, extends N and S.				
	S 0°13' W, on the 100th mile of the Arizona-New Mexico State Line.				
	Over rolling, broken land, through scattered pinyon and juniper.				
5.57	The closing cor. of Tps. 15 and 16 N, R 21 W, New Mexico Prin. Mer., bears West, 4 lks. dist., monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap mkd.				
	T16N				
	ARIZ   R21W				
	S34				
	S3				
	R15N				
	1962				
	Cor. is located in a barbed wire fence line, extends N and S.				
80.09	The 100 Mile Post, monumented with an iron post, 2 1/2 ins. diam., projecting 12 ins. above ground, with brass cap mkd. as described in the official record of the 1962 retracement of a portion of the Arizona-New Mexico State bdy.				
	from which				
	A pinyon, 14 ins. diam., bears S 2 1/2° E, 1.90 chs. dist., mkd. 100M NM BT.				

Dependent Resurvey of a Portion of the Arizona-New Mexico State Line Bet. Astronomical Station No. 3 and the 100 Mile Post

**CHAINS** 

A pinyon, 6 ins. diam., bears S 29 1/2° W, 2.04 chs. dist., mkd. 100M AZ BT.

A pinyon, 4 ins. diam., bears N 45° W, 63 lks. dist., mkd. X BT.

Add the marks 1984 on the brass cap.

Dependent Resurvey of a Portion of Section 7, T 26 N, R 31 E, Gila and Salt River Mer., Arizona

Restoring the survey executed by Paul L. Reeves, in 1978

From the S 1/4 sec. cor. of sec. 7 only, monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1978 survey of the boundaries and subdivision lines of sec. 7. This cor. now functions as the 1/4 sec. cor. of secs. 7 and 18.

Remark the brass cap to read

T26N R31E 1/4 <u>S7</u> S18 1984 1978

East, bet. secs. 7 and 18.

The cor. of secs. 7 and 8 only, determined by a deposit of broken glass, 24 ins. below ground surface, as per record, and further verified by resurvey of a portion of the line bet. secs. 7 and 8, hereinafter described. This cor. now functions as the cor. of secs. 7, 8, 17, and 18, from which a 1978 bearing object (Not Utilized)

An aluminum disc, 3 ins. diam., set flush in a concrete abutment on the E side of a cattle guard, bears S 27 1/2° E, 2.24 chs.dist., mkd. AZ HW DEPT ELEV 6747.02 662X45 1977 (Record 2.42 chs.).

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of Section 7, T 26 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS	T26N R31E S7 S8 S18 S17 1984				
	from which new bearing object  A 60d nail, set in a telephone pole, bears S 33 1/2° W,				
	3.17 chs. dist.  Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
	North bet. secs. 7 and 8.				
40.00	The 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 2 1/2 ins. diam., projecting 1 in. above ground, with brass cap mkd. as described in the official record of the 1978 survey of the boundaries and subdivision lines of sec. 7.				
	from which				
	The top valve lug on a fire hydrant, bears N 28° E, 45 lks. dist., mkd. WR112.				
	A 60d nail in the S face of a power pole, bears S 82 1/2° W, 3.33 chs. dist.				
	Survey of the South Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona				
	From the cor. of Tps. 26 N, Rs. 30 and 31 E, only, monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap mkd. as described in the official record of the 1927 resurvey of the S bdy. of T 26 N, R 30 E.				
	East, on the S bdy. of sec. 31.				

## Survey of the South Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS	Gradually ascend.				
2.92	The closing cor. of Tps. 25 N, Rs. 30 and 31 E, only, monumented with an iron post, 3 ins. diam., firmly set, projecting 4 ins. above ground, bears S, 2.1 lks. dist., with brass cap mkd.				
	T26N R31E S31				
	S1 S6 R30E R31E T25N 78				
	1927				
	Remark the brass cap to read				
	T26N R31E S31				
	S1 S6 R30E R31E C C T25N 78 1927				
	1984				
16.00	Begin moderate ascent over rugged, broken land, through dense pinyon and juniper.				
33.00	Begin steep ascent.				
37.60	Top of ridge, 260 ft. high, bears NE and SW, begin steep descent.				
40.00	Point for the 1/4 sec. cor. of sec. 31 only.				
	Set an aluminum post, 18 ins. long, 1 in. diam., 14 ins. in the ground, with magnetized cap mkd.				
	T26N R31E  1/4 S31  T25N R31E  1984				
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.				
	Cor. is located at approximate midpoint on steep E slope of ridge.				

### Survey of the South Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS <b>42.00</b>	Foot of ridge, thence over level land, through dense sagebrush.				
49.00	Begin steep ascent, through dense pinyon and juniper.				
52.70	Top of ridge, 200 ft. high, bears NE and SW, begin steep descent.				
57.00	Foot of ridge, thence over rolling land, through dense sagebrush.				
80.00	Point for the cor. of secs. 31 and 32, only.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.				
	T26N R31E S31   S32 S6 T25N 1984				
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
	Land, moderately rolling to rugged and mountainous. Soil, heavy clay. Timber, pinyon and juniper. Undergrowth, dense sagebrush.				
	East, on the S bdy. of sec. 32.				
32.70	A trail road, bears N 30° E and S 30° W.				
40.00	Point for the 1/4 sec. cor. of sec. 32 only.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.				
	T26N R31E 1/4 S32 T25N R31E 1984				

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## Survey of the South Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona

	<del></del>				
CHAINS	From this point the center shaft of a windmill, bears N 14 1/2° W, 5.40 chs. dist.				
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
81.61	Point for the closing cor. of Tps. 25 and 26 N, R 31 E, at the intersection with the Arizona-New Mexico State Line.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.				
	T26N R31E S32 CC S5 T25N 1984				
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
	From this point, the 97 Mile Post on the Arizona-New Mexico State line, bears S 0°13' W, 39.425 chs. dist., hereinbefore described.				
	Land, rolling. Soil, heavy clay. Timber, sparse pinyon and juniper.				
	Undergrowth, dense sagebrush.				
	Survey of the North Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona				
	From the corner of Tps. 26 and 27 N, Rs. 30 and 31 E.				
	East, bet. secs. 6 and 31.				
	Over rolling, sandy land.				
40.00	The 1/4 sec. cor. of secs. 6 and 31.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.				
;					

### Survey of the North Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona

<b></b>					
CHAINS	T27N R31E 1/4 <u>S31</u> S6 T26N 1984				
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
67.00	A trail road, bears S 45° E and N 45° W.				
77.42	Center Line of Bureau of Indian Affairs Route No. 12, asphalt surfaced, 150 lks. wide, on a curve to the right, bears generally NE-SW.				
79.30	Wood pole power line bears S 80° E and N 80° W.				
80.00	Point for the cor. of secs. 5, 6, 31 and 32.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.				
	T27N R31E S31   S32 S6   S5				
	T26N 1984				
	from which				
i	A 60d nail in a power pole mkd. JHB-W-76, bears S 71° W., 33 lks. dist.				
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
	Land, moderately rolling. Soil, sandy loam. Undergrowth, native grasses, rabbitbrush and sagebrush; no timber.				
	East, bet. secs. 5 and 32.				

## Survey of the North Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona $\,$

CHAINS	Over nearly level land.			
5.10	A trail road, bears N. 80° E and S 80° W.			
9.50	Wood pole power line, bears N 80° E and S 80° W.			
11.80	A barbed wire fence, 4 strand, extending N 80° E and S 80° W.			
22.65	Chain link fence, bears N and S thence through landfill area.			
30.60	Chain link fence, bears N 45° E and S 45° W, thence over rolling land.			
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.			
	T27N R31E 1/4 <u>S32</u> S5 T26N 1984			
	Deposit 5 60d nails beneath the stainless steel post.			
	Set a steel fence post alongside the cor.			
41.75	Telephone line, bears N and S.			
43.00	Begin moderate ascent, through sparse pinyon and juniper.			
74.00	Over rugged, broken land.			
80.69	Point for the closing cor. of Tps. 26 and 27 N, R 31 E, at the intersection with the Arizona-New Mexico State Line.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.			
	T27N R31E S32 CC ———————————————————————————————————			

#### Survey of the North Boundary T 26 N, R 31 E, Gila and Salt River Mer., Arizona

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#### from which

- A pinyon, 16 ins. diam., bears N 58° W, 35 lks. dist., mkd. T27N R31E S32 CC BT.
- A pinyon, 6 ins. diam., bears S 36° W, 16 lks. dist., mkd. T26N R31E S5 CC BT

Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.

From this point, the 90 Mile Post on the Arizona-New Mexico State Line, bears N 0° 03' W, 37.12 chs. dist., hereinbefore described.

Land, rolling to rugged and broken.
Soil, sandy loam and exposed sandstone.

Timber, pinyon and juniper.

Undergrowth, native grasses and sagebrush.

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

From the cor. of secs. 31 and 32 only, on the S bdy. of the Tp.

N 0° 07' E bet. secs. 31 and 32, hereinbefore described.

Over gently rolling land.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N R31E 1/4 S31 | S32 1984

#### from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S 45° E, 50 ft. dist., with brass cap mkd. T26N R31E S32 RM 50 FT. 1984, and an arrow pointing to the cor. set a steel fence post alongside the RM.

CHAINS	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S 45° W, 50 ft. dist., with brass cap mkd. T26N R31E S31 RM 50 FT. 1984, and an arrow pointing to the cor., set a steel fence post alongside the RM.			
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.			
	Set a steel fence post alongside the cor.			
	Cor. is located on W bank of a small wash.			
62.00	Wood pole power line, bears E and W.			
64.00	A trail road, bears E and W.			
69.80	Underground gas line, bears E and W.			
73.20	Wash, 100 lks. wide, 15 ft. deep, drains SW.			
78.40	Wash, 100 lks. wide, 15 ft. deep, drains SW.			
80.00	Point for the cor. of secs. 29, 30, 31, and 32.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.			
	T26N R31E S30   S29 S31   S32 1984			
	from which			
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N 33 1/2° E, 40 ft. dist., with brass cap mkd. T26N R31E S29 RM 40.0 FT 1984, and an arrow pointing to the cor. Set a steel fence post alongside the RM.			

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N 72 1/2° W, 50 ft. dist., with brass cap mkd. T26N R31E S31 30 RM 50.0 FT 1984, and an arrow pointing to the cor. Set a steel fence post alongside the RM.

Deposit a magnet in a  $1 \times 1 \times 2$  5/8 in. orange colored plastic case beneath the stainless steel post.

Set a steel fence post alongside the cor.

Land, moderately rolling.

Soil, sandy loam.

Undergrowth, native grasses, rabbitbrush and sagebrush; no timber.

East, bet. secs. 29 and 32.

Over gently rolling land.

40.00 Point for the 1/4 sec. cor. of secs. 29 and 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N R31E 1/4 S29 S32 1984

Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.

Set a steel fence post alongside the cor.

81.21 Point for the closing cor. of secs. 29 and 32 at the intersection with the Arizona-New Mexico State Line.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T26N R31E S29 CC \_\_\_\_\_\_ S32 1984

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

#### **CHAINS**

#### from which

- A pinyon, 7 ins. diam., bears S 62° W, 1.08, chs. dist., mkd. T26N R31E S32 CC BT
- A pinyon, 16 ins. diam., bears N 65° W, 74 lks. dist., mkd. T26N R31E S29 CC BT

Deposit a magnet in a  $1 \times 1 \times 2 = 5/8$  in. orange colored plastic case beneath the stainless steel post.

Set a steel fence post alongside the cor.

From this point, the 96 Mile Post on the Arizona-New Mexico State Line, bears S 0°31' E, 39.365 chs. dist.

Land, moderately rolling.

Soil, sandy loam.

Undergrowth, native grasses, rabbitbrush and sagebrush; no timber.

The point for the 1/4 sec. cor. of sec. 32 only, T 26 N, R 31 E, is at midpoint on the E bdy of Sec. 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N R31E 1/4 S32 1984

Deposit a magnet in a  $1 \times 1 \times 2$  5/8 in. orange colored plastic case beneath the stainless steel post.

Cor. is located in a barbed wire fence line, extends N and S.

From this point, the closing cor. Tps. 25 and 26 N, R 31 E, bears S  $0^{\circ}13^{\circ}$  W, 40.015 chs. dist.

From this same point, the 96 Mile Post on the Arizona-New Mexico State Line, bears N 0°13' E, 65 lks. dist., hereinbefore described.

CHAINS	From the cor. of secs. 29, 30, 31 and 32.
į	S 89°58' W, bet. secs. 30 and 31.
	Over rolling land, interspersed with sandstone outcroppings.
18.90	Top of a sandstone ridge, 50 ft. high, bears NE, and SW.
26.40	Wash, 100 lks. wide, 20 ft. deep drains E.
32.40	Wash, 100 lks. wide, 20 ft. deep, drains E.
40.085	Point for the 1/4 sec. cor. of secs. 30 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E 1/4 <u>S30</u> S31 1984
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
80.17	The cor. of secs. 30 and 31 only, monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the 1978 dependent resurvey of a portion of the E bdy. of T 26 N, R 30 E.
	Land, moderately rolling, interspersed with sandstone outcroppings.
	Soil, sandy loam. Undergrowth, native grasses, rabbitbrush and sagebrush; no timber.
	From the cor. of secs. 29, 30, 31 and 32.
	N 0°07' E, bet. secs. 29 and 30.
	Over rugged broken land.

CHAINS <b>11.00</b>	Top of ridge, 120 ft. high, bears NE and SW, begin steep descent.
16.70	Foot of ridge, thence across rolling land.
30.30	Foot of ridge, begin steep ascent.
37.50	Top of ridge, 160 ft. high, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E 1/4 S30   S29 1984
	from which
	A sandstone overhang, bears S 43 1/4° E, 59 1/2 lks. dist., mkd. X BO, 4 ft. above base.
	A sandstone ledge, bears N 62 1/2° W, 21 1/2 lks. dist., mkd. X BO.
	Cor. is located on a rocky sandstone ledge 60 lks. W of a cliff, 50 ft. high.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 19, 20, 29, and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E S19   S20
	S30 S29 1984
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.

CHAINS	Land, rugged, broken to moderately rolling. Soil, heavy clay, exposed sandstone. Timber, pinyon pine, juniper and sparse ponderosa pine. Undergrowth, sagebrush, native grasses.
	East bet. sec. 20 and 29.
	Ascend moderate W slope of ridge.
6.35	Top of ridge, 130 ft. high, bears NE and SW.
18.40	Top of ridge, 180 ft. high, bears NE and SW.
20.00	Foot of ridge, thence over level land.
21.80	Foot of ridge, begin steep ascent.
34.75	Top of ridge, 320 ft. high, bears NE and SW, begin steep descent.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 29.
	Set an aluminum tablet, 3 ins. diam., with 4 in. shank, flush with exposed rock, in cement, with cap mkd.
	T26N R31E 1/4 <u>S20</u> S29 1984
	Deposit a magnet below the tablet in the drill hole.
	Cor. is located on steep E slope of ridge.
42.00	Foot of ridge, thence over rolling land.
80.62	Point for the closing cor. of secs. 20 and 29, at the intersection with the Arizona-New Mexico State Line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26W R31E S20 CC S29 1984

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

#### CHAINS

Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.

Set a steel fence post alongside the cor.

Cor. is located 3 lks. E of a barbed wire fence, extends N and S.

From this point, the 95 Mile Post on the Arizona-New Mexico State line, bears S 0°01' E, 39.70 chs. dist., hereinbefore described.

Land, rugged and broken to gently rolling. Soil, heavy clay, exposed sandstone. Timber, pinyon, juniper and sparse ponderosa pine. Undergrowth, dense sagebrush, native grasses.

The point for the 1/4 sec. cor. of sec. 29 only, T26N R31E, is at midpoint on the E bdy. of Sec.29.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T26N R31E 1/4 S29 1984

Deposit a magnet in a  $1 \times 1 \times 2$  5/8 in. orange colored plastic case beneath the stainless steel post.

Cor. is located in a barbed wire fence line, extends N and S.

From this point, the closing cor. of secs. 29 and 32 bears S 0°31' E, 40 chs. dist.

From this same point, the 95 Mile Post on the Arizona-New Mexico State Line, bears N 0°31' W, 30 lks. dist., hereinbefore described.

From the cor. of secs. 19, 20, 29 and 30.

CHAINS	S 89°58' W, bet. secs. 19 and 30.
18.60	A barbed wire fence, 5 strand, extending N and S.
20.85	Underground water line, bears N and S.
23.28	A barbed wire fence, 4 strand, extending N 45° E and S 45° W.
40.165	Point for the 1/4 sec. cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E 1/4 <u>S19</u> S30 1984
	from which
	The center of a hogan, 20 ft. diam., bears N 11° E, 7.34 chs. dist.
	The NW cor. of a pink stucco house, approximately 40 x 20 ft., bears S 52° E, 7.31 chs. dist.
	The center of a hogan, 30 ft. diam., bears S 1/2° W, 36.14 chs. dist.
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
80.33	The cor. of secs. 19 and 30, on the W bdy. of the Tp., monumented with an iron post 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the 1978 dependent resurvey of a portion of the E bdy. of T 26 N, R 30 E.
	Land, moderately rolling. Soil, sandy loam. Undergrowth, native grasses, rabbitbrush and sagebrush; no timber.
·	

CHAINS	From the cor. of secs. 19, 20, 29 and 30.
	N 0°07' E, bet. secs. 19 and 20.
	Over rolling land.
10.70	Wash, 50 lks. wide, 15 ft. deep, drains SW.
39.85	A trail road, bears S 50° E and N 50° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E
	1/4 S19   S20
	1984
	from which
	The NE cor. of a yard fence, 4 x 4 ins. post, 4 ft. high, bears S 23 1/2° E, 1.15 chs. dist.
	The easternmost point on a hogan, bears N 60 1/2° W, 5.32 chs. dist.
	Center of a stucco hogan, 30 ft. diam., bears N 45 1/2° W, 13.30 chs. dist.
	The top valve lug on a fire hydrant, mkd. 138, bears N 10 1/2° W, 5.26 chs. dist.
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
47.03	Underground water line, bears S 30° W and N 30° E.
80.00	Point for the cor. of secs. 17, 18, 19 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E S18   S17
	S19 S20 1984

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CHAINS	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
	Land, rolling in the S 1/2 mile, level in the N 1/2 mile. Soil, heavy clay.
	Timber, pinyon and juniper in the S 1/2 mile. Undergrowth, native grasses, dense greasewood in the N 1/2 mile.
	East, bet. secs. 17 and 20.
	Over level land.
29.70	Top of sandstone cliffs, 120 ft. high, bears NW, thence over rugged, broken land, through dense timber.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26W R31E 1/4 <u>S17</u> S20 1984
	from which
	A pinyon, 6 ins. diam., bears N 40° E, 21 lks. dist., mkd. 1/4 S17 BT
	A sandstone ledge, 15x25 ft., bears S 34° E, 28 lks. dist., mkd. X BO
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plastic case beneath the stainless steel post.
	Cor. is located on steep W slope of a ridge.
45.10	Top of ridge, 220 ft. high, bears NE and SW, thence descend steep E slope.
53.00	Foot of ridge, thence over rolling land.

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

**CHAINS** 

80.68

Point for the closing cor. of secs. 17 and 20, at the intersection with the Arizona-New Mexico State Line.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a  $1 \times 1 \times 2 = 5/8$  in. orange colored plastic case beneath the stainless steel post.

Cor. is located in a barbed wire fence line, extends N and S.

From this point, the 94 Mile Post on the Arizona-New Mexico State Line, bears S 0°21' W, 39.825 chs. dist., hereinbefore described.

Land, rugged, broken to moderately rolling.

Soil, heavy clay, exposed sandstone.

Timber, pinyon and juniper.

Undergrowth, native grasses, dense greasewood and sagebrush.

The point for the 1/4 sec. cor. of sec. 20 only, T26N R31E is at midpoint on the E bdy. of Sec. 20.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N R31E 1/4 S20 1984

Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.

Cor. is located 4 lks. W of a barbed wire fence, extends N and S.

CHAINS	From this point, the closing cor. of secs. 20 and 29 bears S 0°01' E, 40.015 chs. dist.
	From this same point, the 94 Mile Post on the Arizona-New Mexico State Line, bears N 0°01' W, 19 lks. dist., hereinbefore described.
	From the cor. of secs. 17, 18, 19, and 20.
	S 89°58' W, bet. secs. 18 and 19.
	Over level land.
39.795	Point for the 1/4 sec. cor. of secs. 18 and 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T26N R31E 1/4 <u>S18</u> S19 1984
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.
	Set a steel fence post alongside the cor.
45.70	Wash, 100 lks. wide, 15 ft. deep, drains SW.
56.37	A graded road, bears N and S.
56.90	Wooden pole power line, bears N and S.
79.59	The cor. of secs. 18 and 19, on the W bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the 1978 dependent resurvey of a portion of the E bdy. of T 26 N, R 30 E.
	Land, level. Soil, heavy clay. Undergrowth, dense greasewood, no timber.
	From the cor. of secs. 17, 18, 19 and 20.

29.12 31.77 39.985	N 0°07' E, bet. secs. 17 and 18.  Over level land.  A barbed wire fence, 4 strand, extending N 45° E and S 45° W.  A barbed wire fence, 4 strand, extending N 45° E and S 45° W.  Point for the 1/4 sec. cor. of secs. 17 and 18.			
31.77	A barbed wire fence, 4 strand, extending N 45° E and S 45° W.  A barbed wire fence, 4 strand, extending N 45° E and S 45° W.			
31.77	A barbed wire fence, 4 strand, extending N 45° E and S 45° W.			
39.985	Point for the 1/4 sec. cor. of secs. 17 and 18.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.			
	T26N R31E 1/4 S18   S17 1984			
	from which			
	A windsock pole, bears N 89°56' E, 1.76 chs.dist.			
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. orange colored plast case beneath the stainless steel post.			
	Cor. is located on the S edge of runway at Window Rock Airport.			
41.72	Center of runway, asphalt surfaced, 1.14 chs. wide, bears N 50° E, and S 50° W.			
74.88	S right-of-way of Arizona State Highway No. 264.			
76.30	Center line of Arizona State Highway No. 264, asphalt surfaced, 1.50 chs. wide, bears N 74° E and S 74° W.			
	N right-of-way of Arizona State Highway No. 264, coincident with a 5 strand barbed wire fence, extends N 74° E and S 74° W.			
79.97	The cor. of secs. 7, 8, 17 and 18, hereinbefore described.			
	Land, nearly level. Soil, heavy clay. Undergrowth, native grasses, dense greasewood no timber.			

CHAINS	East, bet. secs. 8 and 17.				
	Over level land.				
7.42	N right-of-way of Arizona State Highway No. 264, coincident with a 5 strand barbed wire fence extending N 74° E and S 74° W.				
12.97	Center line of Arizona State Highway No. 264, asphalt surfaced, 1.50 chs. wide, bears N 74° E and S 74° W.				
17.99	S right-of-way of Arizona State Highway No. 264.				
40.00	Point for the 1/4 sec. cor. of secs. 8 and 17.				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.				
	T26N R31E 1/4 <u>S8</u> S17 1984				
	from which				
A 60d nail, set in S face of a power pole, bears N 44° 1.30 chs. dist.					
	A 60d nail, set in E face of a power pole, bears S 46° E, 94 1/2 lks. dist.  Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.				
	Set a steel fence post alongside the cor.				
74.74	Center line of Arizona State Highway No. 264, asphalt surfaced, 150 lks. wide, on a curve to the left, bears generally S 49° E and N 49° W.				
79.04	N right-of-way of Arizona State Highway No. 264, coincident with a 5 strand barbed wire fence, bears generally S 49° E and N 49° W.				

## B00K 5280

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS **81.06** 

Point for the closing cor. of secs. 8 and 17, at the intersection with the Arizona-New Mexico State Line.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N R31E S8 CC \_\_\_\_\_ S17 1984

Deposit a magnet in a  $1 \times 1 \times 2$  5/8 in. orange colored plastic case beneath the stainless steel post.

From this point, the 92 1/2 Mile Post on the Arizona-New Mexico State Line, bears N 0°26' E, 23 lks. dist., hereinbefore described.

From this same point a metal water meter box, bears S, 1 lk. dist., mkd. X BO.

Land, level.

Soil, sandy loam.

Undergrowth, sparse native grasses.

The point for the 1/4 sec. cor. of sec. 17 only, T26N R31E is at midpoint on the E bdy of Sec. 17.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N | R31E | 1/4 | S17 |

Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.

Cor. is located 4 lks. E of a barbed wire fence, extends N, E and S.

	1 20 N, R 31 E, GIIa and Sait River Mer., Arizona				
CHAINS					
	From this point, the 93 Mile Post on the Arizona-New Mexico State Line, bears N 0°21' E, 53 lks. dist., hereinbefore described.				
·	From this same point, the closing cor. of secs. 17 and 20 bears S 0°21' W, 39.99 chs. dist.				
From the cor. of secs. 5, 6, 7, and 8 monumented with an inpost, 2 1/2 ins. diam., set 2 1/2 ft. below ground, with a cap mkd. as described in the official record of the 1978 sof the boundaries and subdivision lines of sec. 7, from what 1978 corner accessories.					
	X BO, stamped in center of a water meter cover bears N 45°27' E, 70 lks. dist.				
	The top valve lug on a fire hydrant, mkd. WR 97, bears S 12°34′ E, 1.41 chs. dist.				
	Cor. is located in front yard of house No. 155 of the Window Ros Subdivision.				
	East bet. secs. 5 and 8.				
	Over level land, through residential area.				
11.96	Intersect the W right-of-way of Bureau of Indian Affairs Route No. 12, coincident with a 5 strand barbed wire fence extending S 14° E and N 14° W.				
13.52	Center line of Bureau of Indian Affairs Route No. 12, asphalt surfaced, 1.50 chs. wide, bears S 14° E and N 14° W.				
15.08	Intersect the E right of way of Bureau of Indian Affairs Route No. 12, coincident with a 5 strand barbed wire fence extending S 14° E and N 14° W.				
19.90	Wood pole power line, bears N and S.				
40.00 Point for the 1/4 sec. cor. of secs. 5 and 8.					
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.				
	T26N R31E 1/4 <u>S5</u> S8 1984				

CHAINS	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.			
	Cor. located 1.00 ch. S of proposed location for the new Window Rock Fire Station.			
	Thence, through Navajo Tribal center at Window Rock.			
76.00	Ascend sandstone cliffs, 100 ft. high, enter dense timber.			
80.73	Point for the closing cor. of secs. 5 and 8, at the intersection with the Arizona-New Mexico State Line.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.			
	T26N R31E S5			
	S8 1984			
	Deposit a magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case beneath the stainless steel post.			
	From this point, the 91 1/2 Mile Post on the Arizona-New Mexico State Line, bears South, 26 lks. dist., hereinbefore described.  Land, level to broken.  Soil, sandy loam, exposed sandstone.  Timber, pinyon, juniper.  Undergrowth, native grasses, sparse sagebrush.  The point for the 1/4 sec. cor. of sec. 8 only, T26N R31E, is at midpoint on the E bdy of Sec. 8.			
Set a brass tablet, 3 1/2 ins. diam., with 3 1/4 in. shank, in bedrock, in cement, mkd.				
	T26N R31E 1/4 S8 1984			

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

**CHAINS** 

Deposit a magnet below the tablet in the drill hole.

Cor. is located in exposed bedrock on E side of a canyon.

From this point, the 91 1/2 Mile Post on the Arizona-New Mexico State Line, bears N 0°39' W, 39.74 chs. dist., hereinbefore described.

From this same point, the 92 Mile Post on the Arizona-New Mexico State Line, bears S 0°39' E, 9 lks. dist., hereinbefore described.

The point for the 1/4 sec. cor. of sec. 5 only, T26N R31E, is at midpoint on the N bdy of Sec. 5.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.

T26N R31E 1/4 S5 1984

Deposit a magnet in a  $1 \times 1 \times 2$  5/8 in. orange colored plastic case beneath the stainless steel post.

From this point, the closing cor. of Tps. 26 and 27 N, R 31 E, bears N 0°03' W, 42.66 chs. dist.

From this same point, the 91 Mile Post, on the Arizona-New Mexico State Line, bears S 0°03' E, 14 lks. dist., hereinbefore described.

From the cor. of secs. 5, 6, 7 and 8.

North bet. secs. 5 and 6.

Over level land.

40.00

Point for the 1/4 sec. cor. of secs. 5 and 6.

Completion Survey of the Subdivisional Lines T 26 N, R 31 E, Gila and Salt River Mer., Arizona

**CHAINS** 

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T26N R31E 1/4 S6 | S5 1984

Deposit a magnet in a  $1 \times 1 \times 2 = 5/8$  in. orange colored plastic case beneath the stainless steel post.

Set a steel fence post alongside the cor.

- 63.50 Center line of Bureau of Indian Affairs Route No. 12, asphalt surfaced, 1.50 chs. wide, on a curve to the right, bears generally S 14° E and N 14° W.
- 82.68 The cor. of secs. 5, 6, 31 and 32, on the N bdy. of the Tp., hereinbefore described.

Land, level to gently rolling.

Soil, sandy loam.

Timber, sparse pinyon and juniper.

Undergrowth, sagebrush, rabbitbrush and dense native grasses.

#### GENERAL DESCRIPTION

Township 26 North, Range 31 East is located in Apache County, Arizona and lies entirely within the boundaries of the Navajo Indian Reservation. The community of Window Rock, Arizona is located within the north half of the township. The E bdy. of the township is identical with the Arizona-New Mexico State Line. The elevation varies from 6800 to 7200 ft. above sea level. The soil is predominately sandy loam, but also varies from heavy clays to exposed bedrock.

The primary drainage is Black Creek Wash, which drains S along the W edge of the township. Numerous secondary drainages flow into Black Creek Wash. Vegetation is predominately native grasses, sagebrush and greasewood, with pinyon and juniper at the higher elevations. Wells are located in secs. 7, 18 and 19.

T 26 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS

The terrain is predominately level to gently rolling, interspersed with numerous ridges, timber covered low hills and exposed sandstone outcroppings. A natural arch known as Window Rock is located in sec. 5.

An underground gas line bears generally E and W through secs. 31 and 32. The community of Window Rock and surrounding vicinity is located in secs. 5, 6, 7, 8, 17 and 18. The primary land use is livestock grazing. No evidence of active mining was noted.

Arizona State Highway No. 264 bears generally E and W through secs. 8, 17 and 18. Bureau of Indian Affairs Route 12 bears generally N and S through secs. 5 and 8. In addition, access is provided throughout the township by numerous secondary and trail roads. Houses are located throughout the township.

The average magnetic declination is 12 1/2° E, with no noticeable variation due to local attraction.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

NAMES	CAPACITY				
NAVAJO TRIBAL PERSONNEL					
Ruben Mason	Engineering Tech. II				
Albert S. Tsosie Jr.	Engineering Tech. II				
Barney Woodie	Engineering Tech.II				
Daniel R. Bryan	Engineering Tech. I				
	an.				

#### CERTIFICATE OF SURVEY

We, Richard S. Kaiser and James L. Werdel, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 18th day of April 1984, We have performed the dependent resurvey of a portion of the Arizona-New Mexico State Line between Astronomical Station No. 3 and the 100 mile post and a portion of section 7, Township 26 North, Range 31 East and the survey of the south boundary, the north boundary and a completion survey of the subdivisional lines of Township 26 North, Range 31 East of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Richard S. Kaiser is no longer assigned to this office and not available for signature.

September 17,1990

(Date)

Milliam F. Chren
(Chief, Navajo Cadastral Sec.)

Leptember 27,1990

(Gadastral Surveyor)

#### CERTIFICATE OF APPROVAL

Bureau of Land Management

The foregoing field notes of the dependent resurvey of a portion of the Arizona-New Mexico State Line between Astronomical Station No. 3 and the 100 mile post and a portion of section 7, T. 26 N., R. 31 E. and the survey of the south boundary, the north boundary and a completion survey of the subdivisional lines of T. 26 N., R. 31 E., Gila and Salt River Meridian, in the state of Arizona, executed by Richard S. Kaiser and James L. Werdel, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

SEP 28 1990

(Date)

(Chief Cadastral Surveyor of Arizona)

James V. Kelley

#### CERTIFICATE OF TRANSCRIPT

I Certify That the foregoing transcript of the field notes of the abovedescribed surveys in T 26 N, R 31 E, Gila and Salt River Mer., Arizona, is a true copy of the original field notes.

(Chief Cadastral Surveyor of Arizona)

(Date)