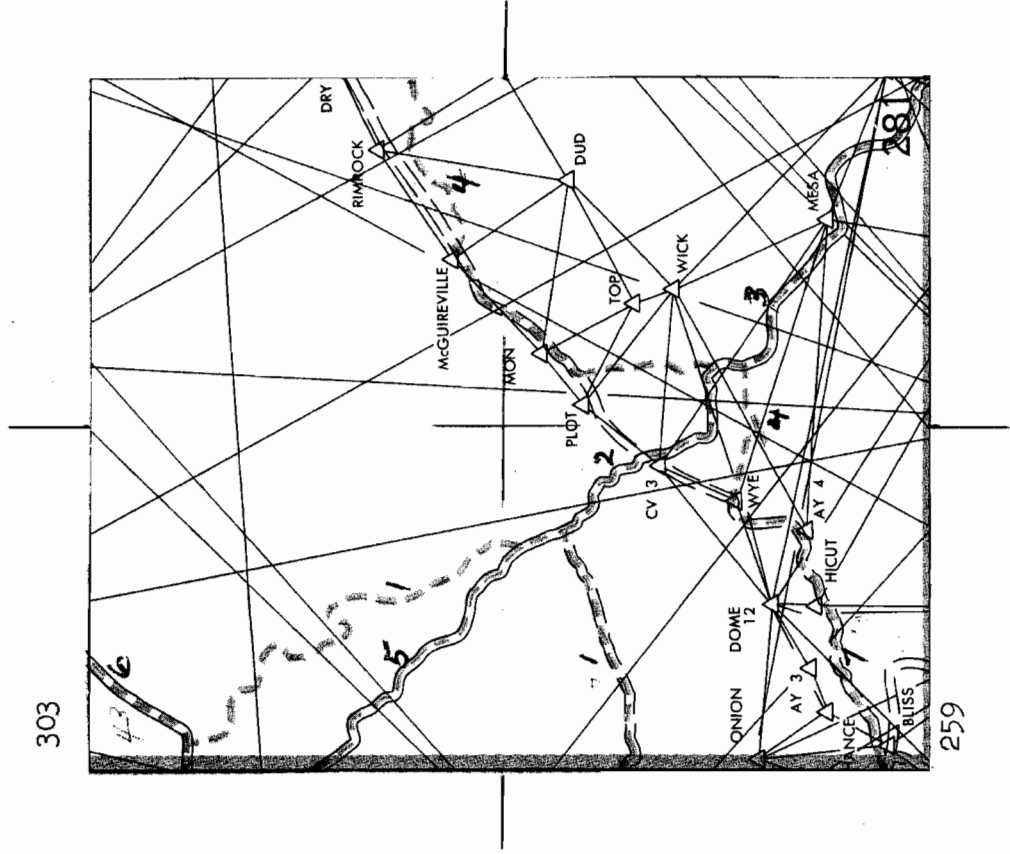


(1)	J.T. Stewart	1901-02	9282
(2)	C.R. Fisher	1916	A 9734
	F.A. Wuopio	1929	B 3244
	J.G. Ransom	1931	B 4635
(3)	F.A. Wuopio	1929	B 3244
(4)	J.G. Ransom	1931	B 4635
(5)	J.G. Ransom	1931	B 4635
(6)	J.G. Ransom	1931	B 4635
(7)	J. Burns	1943	V 83



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

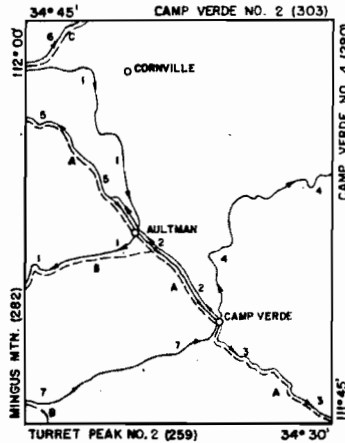
CAMP VERDE NO. 3 QUADRANGLE
ARIZONA 281
N3430-W11145/15

FILE COPY

THIRD-ORDER LEVELING
Sea Level Datum of 1929

Yavapai County
Edition of 1/23/57

Only the standard
tablets are listed
for lines run more
than 25 years be-
fore the above
edition date



USC&GS Leveling Lines

- A. Bowie to Clemenceau (No. 5) First order
- B. Cave Creek Area, Arizona (No. 7) Second order
- C. Puntzeney to Flagstaff, Arizona (No. 43) First order

Feet

LINE 1.

FROM MINGUS MOUNTAIN QUADRANGLE (282) ALONG ROADS NEAR THE VERDE RIVER SOUTHEAST TO NEAR AULTMAN THENCE SOUTHWEST ALONG CHERRY CREEK ROAD BACK INTO MINGUS MOUNTAIN QUADRANGLE (282) (by J. T. Stewart, 1901-1902; Book 9282)

Oak Creek, 1.5 mi. NW. of mouth of; SE $\frac{1}{2}$ of SE $\frac{1}{4}$ sec. 18, T. 15 N., R. 4 E.; 1,500 ft. E. of Verde River; 700 ft. S. of house; standard iron post with bronze cap stamped "3243 PRSCT" **Not Found** 3251.145

Aultman, 1.7 mi. NW. of store (by hwy.) thence 0.3 mi. NE. of hwy.; 300 ft. SW. of old barn; 150 ft. NW. of rd. at fence crossing; 100 ft. SE. of large wash; standard iron post with bronze cap stamped "3183 PRSCT" 3191.143

Aultman, 0.5 mi. S. of store; 40 ft. N. of intersection of Aultman, Cherry, and Camp Verde Roads; standard iron post with bronze cap stamped "3616 PRSCT" **Not Found** 3624.307

LINE 2.

FROM POINT 1.7 MILES NORTHWEST OF AULTMAN SOUTHEAST ALONG ROAD TO CAMP VERDE (leveled several times, by C. R. Fisher, 1916; Book A9734; F. A. Wuopio, 1929; Book B3244; J. G. Ransom, 1931; Book B4635)

Aultman, 1.7 mi. NW. of store (by hwy.) thence 0.3 mi. NE. of hwy.; standard iron post with bronze cap stamped "3183 PRSCT" (Described in Line 1) 3191.143

Aultman Store, 1.3 mi. S. of; on line between secs. 14 and 15, T. 14 N., R. 4 E.; on top of ridge; 425 ft. E. of culvert in bottom of draw; 35 ft. S. of rd.; standard tablet stamped "CC CVMR" 3283.743

T. 14 N., R. 4 E., in NW $\frac{1}{4}$ sec. 23; 10 ft. E. of old Camp Verde-Flagstaff Road; in low bench; standard tablet stamped "3289" **Not Found** 3289.922

Camp Verde, 2.4 mi. NW. of; on W. side of rd.; in S. concrete abutment of bridge over Grief Hill Wash; standard tablet stamped "W 1 1929" (Recovered by USC&GS, 1933) **Destroyed** 3163.393

T. 14 N., R. 4 and 5 E.; 1020 ft. W. of stone $\frac{1}{2}$ cor. secs. 25 and 30; 1.8 mi. NW. of Camp Verde; 0.5 mi. E. of hwy.; 200 ft. S. of house; 10 ft. S. of fence; 8 ft. E. of rd.; in granite rock; standard tablet stamped "3107" **Not Found** 3107.659

Camp Verde, in NE. cor. of concrete porch at W. entrance to stone public school building; standard tablet stamped "3146" (Recovered by USC&GS, 1933) 3146.608

LINE 3.

FROM CAMP VERDE SOUTHEAST ALONG ROAD INTO CAMP VERDE NO. 4 QUADRANGLE (280) (by F. A. Wuopio, 1929; Book B3244)

Camp Verde, in NE. corner of concrete porch at W. entrance to stone public school building; standard tablet stamped "3146" (Described in Line 2) 3146.608

Camp Verde, 2.5 mi. SE. of; in NW $\frac{1}{4}$ of sec. 4, T. 13 N., R. 5 E.; 105 ft. E. of intersection of rd. to Shield's ranch; 60 ft. N. of an abandoned hwy.; 39 ft. S. of the S. bank of a wash; in rock; standard tablet stamped "W 2 1929" (Recovered by USC&GS, 1933) 3095.811

Camp Verde, 5.3 mi. SE. of; 1,000 ft. S. of Clear Creek; 800 ft. E. of Wingfield Ranch; 25 ft. N. of rd.; in rock; standard tablet stamped "W 3 1929" **Not Found** 3142.768

LINE 4.

FROM CAMP VERDE NORTHEAST ALONG ROAD INTO CAMP VERDE NO. 4 QUADRANGLE (280) (by J. G. Ransom, 1931; Book B4635) 34

Camp Verde, 1.9 mi. N. of; at bottom of steep grade; in E. end of SW. headwall of large box culvert; standard tablet stamped "R 1 1931" 3097.510

Camp Verde, 5.0 mi. NE. of; 425 ft. W. of intersection of rd. to Montezuma's Castle; 75 ft. W. of rd.; 6 ft. S. of cairn; in rock outcrop; standard tablet stamped "R 2 1931" 3380.895

Camp Verde, 7.2 mi. NE. of; 300 ft. N. of N. end of section of rd. which is along side hill above creek; 150 ft. around point of ridge where rd. makes sharp bend W. and starts down grade; 100 ft. N. of rd. at S. end of curve; 15 ft. S. of rd.; in rock ledge; standard tablet stamped "R 3 1931" **New Desc.** 3442.418

Beaver Creek School, 1.8 mi. SW. of; 10.1 mi. NE. of Camp Verde where line of rock ledges comes close to rd.; 500 ft. N. of entrance to I. M. Jackson's ranch; 30 ft. NW. of and 10 ft. higher than rd.; 10 ft. from edge of bank; in rock ledge; standard tablet stamped "R 4 1931" **New Desc.** 3497.054

Beaver Creek School, 0.4 mi. NE. of; 250 ft. E. of intersection of rd. down into camp ground; 60 ft. S. of main rd.; 10 ft. N. of private rd.; on top of U. S. Forest Reserve Boundary Post No. 88; brass cap on iron post **New Desc.** 3516.437

Beaver Creek School, 1.2 mi. NE. of; 40 ft. SW. of intersection of rd. from Soda Spring; 6 ft. above ground; in large boulder; standard tablet stamped "R 5 1931" **New Desc.** 3638.549

LINE 5.

FROM A POINT 1.7 MILES NORTHWEST OF AULTMAN STORE NORTHWEST ALONG ROAD INTO MINGUS MOUNTAIN QUADRANGLE (282) (by J. G. Ransom, 1931; Book B4635) P. 10, 11

Aultman, 1.7 mi. NW. of store (by hwy.) thence 0.3 mi. NE. of hwy.; standard iron post with bronze cap stamped "3183 PRSCT" (Described in Line 1) 3191.143

Aultman, 3.9 mi. NW. of; at bridge over large wash; in SW. end of NW. abutment; standard tablet stamped "R 15 1931" (Recovered by USC&GS, 1933) **Destroyed** 3372.460

Aultman, 5.8 mi. NW. of; on E. bank of narrow wash; 150 ft. E. of SE. end of cut-off wall along rd. through wash; 100 ft. E. of house; 100 ft. NE. of rd.; 15 ft. N. of prominent white ledges which are undermined; in rock ledge; standard tablet stamped "R 16 1931" 3350.868

LINE 6.

FROM MINGUS MOUNTAIN QUADRANGLE (282) NORTHEAST ALONG U. S. HIGHWAY 89 ACROSS NORTHWEST CORNER OF QUADRANGLE INTO CAMP VERDE NO. 2 QUADRANGLE (303) (by J. G. Ransom, 1931; Book B4635) P. 12

Cottonwood, 4.5 mi. E. of; 0.8 mi. NE. of bridge over Verde River; near center of white rock outcrop; 100 ft. NW. of rd.; in rock ledge; standard tablet stamped "R 18 1931" (Recovered by USC&GS, 1933) 3374.924

LINE 7.

FROM MINGUS MOUNTAIN QUADRANGLE (282) AT A POINT 10.6 MILES SW. OF CAMP VERDE NORTHEAST ALONG ROADS VIA COPPER CANYON TO CAMP VERDE (by John Burns, 1943; Book V83A) P. 3

Camp Verde, 11.6 mi. SW. of along Johnson Wash-Hanna Ranch Road; 200 ft. SE. of a creek; 60 ft. E. of a side rd.; on boulder; chiseled square 4450.87

Camp Verde, 11.1 mi. SW. of along Johnson Wash-Hanna Ranch Road; 52 ft. W. of intersection of rd. leading S. to Flower Pot Ranch; 30 ft. NW. of rd.; 2 ft. SE. of witness post; in concrete post; standard tablet stamped "N 131 1935" (Recovered by USC&GS, 1952) 4469.026

FILE COPY

NOTE: This line was run by Third Order methods but closure was 2.200 ft. in a distance of 2.2 miles. This closure error has been prorated in the table.

Quad. 281

1

Not Found

New Desc.

New Desc.

New Desc.

New Desc.

Destroyed

3

8.971
4469.026

LINE 7 CONTINUED

Camp Verde, 10.6 mi. SW. of; 8.8 mi. E. of jct. of Dewey-Cherry and Dewey-Johnson Wash Roads along Johnson Wash-Hanna Ranch Road; 100 ft. N. of creek; 22 ft. N. of rd. at crossing of old rd.; on S. slope of hill; on boulder; chiseled square 4510.45

Camp Verde, 10.3 mi. SW. of; in center of draw; 50 ft. E. of creek crossing; in root on E. side of 20-in. juniper tree; copper nail and washer ~~4529.72~~

Camp Verde, 9.8 mi. SW. of; on N. slope of ridge; 200 ft. E. of small draw; 18 ft. N. of rd.; on rock; chiseled square 4599.16

Camp Verde, 9.5 mi. SW. of; 70 ft. SW. of rd. fork; 10 ft. SW. of rd.; in root of juniper tree; copper nail and washer ~~4654.42~~

Camp Verde, 9.3 mi. SW. of; 23.1 mi. E. of Dewey; 1.6 mi. E. of jct. of Reeves Ranch-Hanna Ranch Roads; at forks of side rd. NE. to windmill and Copper Canyon Trail; in saddle; 57 ft. W. of rd.; in large boulder; standard tablet stamped "B 1 1935 4676"

Reference mark, 75 ft. W. of tablet; in root on E. side of 20-in. juniper tree; copper nail and washer 4678.92

Camp Verde, 8.9 mi. SW. of; 0.7 mi. NE. of Hanna Ranch Road along Copper Canyon Trail; at windmill; on SW. corner of concrete watering trough; chiseled square 4671.84

Camp Verde, 8.4 mi. SW. of; 11 ft. N. of General Land Office iron pipe marking cor. secs. 12, 7, and 18, T. 13 N., Rs. 3 and 4 E.; on large boulder; chiseled square 4778.76

Camp Verde, 8.1 mi. SW. of along Copper Canyon Trail; 0.2 mi. E. of saddle; on N. side of draw; 25 ft. N. of trail; on boulder; chiseled square 4742.88

Camp Verde, 8.0 mi. SW. of; at a side draw; on S. side of trail at curve; on boulder; chiseled square 4653.93

Camp Verde, 7.8 mi. SW. of; 0.5 mi. E. of saddle; in center of Copper Canyon Trail at turn; on boulder; chiseled square 4524.93

Camp Verde, 7.5 mi. SW. of; 55 ft. N. of jct. of two large canyons; at washed-out bridge; on W. side of draw; on boulder; chiseled square 4352.03

Camp Verde, 7.2 mi. SW. of along Copper Canyon Trail; on N. slope of hill; 700 ft. W. of small cabin at site known as Lions Camp; 300 ft. SE. of high knoll with pinnacle rock; 75 ft. E. of spring; 10 ft. S. of trail; in rock outcrop; standard tablet stamped "2 B 1943 4282" 4281.803

Camp Verde, 7.1 mi. SW. of along Copper Canyon Trail; at Lions Camp; at forks of creek; 40 ft. W. of creek; on boulder; chiseled square 4228.92

Camp Verde, 6.6 mi. SW. of; 0.5 mi. E. of Lions Camp; 40 ft. S. of creek; 10 ft. N. of trail; on large boulder; chiseled square 4077.94

Camp Verde, 6.0 mi. SW. of; 1.1 mi. E. of Lions Camp; 100 ft. S. of creek; 30 ft. SW. of gate and fence; 6 ft. S. of rd.; on N. side of large boulder; chiseled square 3928.88

Camp Verde, 5.6 mi. SW. of; 400 ft. S. of canyon on E. side of rimrock; 300 ft. S. of small cabin; 150 ft. W. of creek; 6 ft. S. of trail; on large boulder; chiseled square 3847.97

Camp Verde, 5.3 mi. SW. of; 50 ft. E. of crossing of creek and old rd.; 6 ft. S. of trail; on boulder; chiseled square 3788.93

Camp Verde, 4.9 mi. SW. of; along Copper Canyon Trail and road; 37 ft. SW. of corral; 12 ft. N. of trail; in boulder; standard tablet stamped "3 B 1943 3716" 3715.404

Reference mark, 21 ft. NE. of tablet; on boulder; chiseled square 3713.70

Camp Verde, 4.8 mi. SW. of along Copper Canyon Trail; at top of hill; in small saddle; 5 ft. N. of trail; in S. side of small juniper tree; copper nail and washer ~~3653.77~~

Camp Verde, 3.2 mi. SW. of along Copper Canyon Road; 350 ft. SE. of small corral and concrete watering trough; 15 ft. W. of crossing of creek and rd.; on boulder; chiseled square 3297.33

Camp Verde, 1.9 mi. SW. of; 0.3 mi. N. of salt works; at sharp curve in rd.; 117 ft. N. of intersection of Copper Canyon Road and rd. to salt works; in concrete headwall over twin 24-in. culverts; standard tablet stamped "4 B 1943 3155" 3154.806

Camp Verde, 0.9 mi. SW. of along Copper Canyon Road; 30 ft. N. of center of rd. at crossing of irrigation ditch; in S. side of 54-in. cottonwood tree; copper nail and washer 3084.35

Camp Verde, in NE. corner of concrete porch at W. entrance to stone public school building; standard tablet stamped "3146" (Described in Line 2) 3146.608

5.995
4676.042

87
4678.92

79
4671.84

66
4778.76

5
4742.88

89
4653.93

24
4524.93

4352.03

568
4281.803

88
4228.92

4077.94

3
3928.88

5
3847.97

3788.93
Not Found 169

381
3715.404

3713.70 68

~~3653.77~~

3297.33

Destroyed 169
797
3154.806

3084.35

3146.608

FILE COPY

REPORT ON PERMANENT SURVEY MARK

98 257
AREA OFFICE

STATE Arizona COUNTY Yavapai QUADRANGLE Camp Verde 3 NE
QUOTE PRIMARY REFERENCE Camp Verde, 7.2 miles NE of
(Direction and distance)

DESIGNATION { LISTED R 3 1931
STAMPED R 3 1931 TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION Disturbed ESTABLISHED BY USGS USBR
Long. _____' _____" Destroyed USC&GS State GS
Elev. 3442.478 feet Not Found USNPS USNFS
USGLO (Other)
USBLM

REMARKS OR REVISED DESCRIPTION:

2.8 miles NW along the highway leading to Cottonwood from the Post Office in Camp Verde; thence 5.6 miles NE along State Highway 79; 350 feet north of the south bound lane; on north slope of ridge; 15 feet south of old road; in rock ledge, standard tablet stamped R 3 1931.

SUBMITTED BY Earl M. Hogan
TITLE Civil Engr. Tech.
AGENCY USGS

DATE 02/06/69

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

REPORT ON PERMANENT SURVEY MARK

98 281
AREA OFFICE

STATE Arizona COUNTY Yavapai QUADRANGLE Camp Verde 3 NE
QUOTE PRIMARY REFERENCE Beaver Creek School, 1.8 miles SW of
(Direction and distance)

DESIGNATION { LISTED R 4 1931
STAMPED R 4 1931 TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION Disturbed ESTABLISHED BY USGS USBR
Long. _____' _____" Destroyed USC&GS State GS
Elev. 3497.054 feet Not Found USNPS USNFS
USGLO (Other)
USBLM

REMARKS OR REVISED DESCRIPTION:

New Beaver Creek School, 0.2 miles south of; thence 1.7 miles SW of; 300 feet north of road, ~~300 feet north of road~~, 350 feet east of house, 10 feet from edge of bank, in rock ledge, standard tablet stamped R 4 1931

SUBMITTED BY Earl M. Hogan
TITLE Civil Engr. Tech.
AGENCY USGS

DATE 02/06/69

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

Please prepare in triplicate and send to nearest (or indicated) address shown on reverse side.

Please prepare in triplicate and send to nearest (or indicated) address shown on reverse side.

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

STATE Arizona COUNTY Yavapai QUADRANGLE Camp Verde 3 NE

QUOTE PRIMARY REFERENCE Beaver Creek School, 0.1 miles NE of
(Direction and distance)

DESIGNATION { LISTED U.S. Forest Reserve Bdy Post No. 88
STAMPED Same TYPE OF MARK: BM X TT TRIANG.

Lat. _____"	CONDITION	ESTABLISHED BY
Long. _____"	Disturbed <input type="checkbox"/>	USGS <input checked="" type="checkbox"/> USBR <input type="checkbox"/>
Elev. <u>3516.37</u> feet	Destroyed <input type="checkbox"/>	USC&GS <input type="checkbox"/> State GS <input type="checkbox"/>
	Not Found <input type="checkbox"/>	USNPS <input type="checkbox"/> USNFS <input type="checkbox"/>
		USGLO <input type="checkbox"/> (Other) <input type="checkbox"/>
		USBLM <input type="checkbox"/>

REMARKS OR REVISED DESCRIPTION:

New Beaver Creek School, 0.2 miles south of; thence 0.6 miles east of; 0.2 miles SW of entrance to Montezuma Well National Monument; 60 feet south of road; on top of U.S. Forest Reserve Bdy Post No. 88; brass cap on iron post projecting 3.0 feet.

SUBMITTED BY Sarl M. Hogan DATE 02/06/69
TITLE Civil Engr. Tech.
AGENCY USGS

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

16-54253-4

(OVER)

Please prepare in triplicate and send to nearest address shown on reverse side.

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE

STATE Arizona COUNTY Yavapai QUADRANGLE Camp Verde 3 NE

QUOTE PRIMARY REFERENCE Beaver Creek School, 1.2 miles NE of
(Direction and distance)

DESIGNATION { LISTED R 5 1931
STAMPED R 5 1931 TYPE OF MARK: BM X TT I TRIANG.

Lat. _____"	CONDITION	ESTABLISHED BY
Long. _____"	Disturbed <input type="checkbox"/>	USGS <input checked="" type="checkbox"/> USBR <input type="checkbox"/>
Elev. <u>3638.519</u> feet	Destroyed <input type="checkbox"/>	USC&GS <input type="checkbox"/> State GS <input type="checkbox"/>
	Not Found <input type="checkbox"/>	USNPS <input type="checkbox"/> USNFS <input type="checkbox"/>
		USGLO <input type="checkbox"/> (Other) <input type="checkbox"/>
		USBLM <input type="checkbox"/>

REMARKS OR REVISED DESCRIPTION:

New Beaver Creek School, 0.2 miles south of; thence 1.4 miles east of; 40 feet west of road fork; in large boulder 6 feet above ground; standard tablet stamped R 5 1931.

SUBMITTED BY Sarl M. Hogan DATE 02/06/69
TITLE Civil Engr. Tech.
AGENCY USGS

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

16-54253-4

(OVER)

Please prepare in triplicate and send to nearest address shown on reverse side.

AR 281