

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD-ORDER LEVELING
Sea Level Datum of 1929

CHIRICAHUA PEAK QUADRANGLE
ARIZONA 27
N3145 W1591 R15

FILE COPY

Cochise County

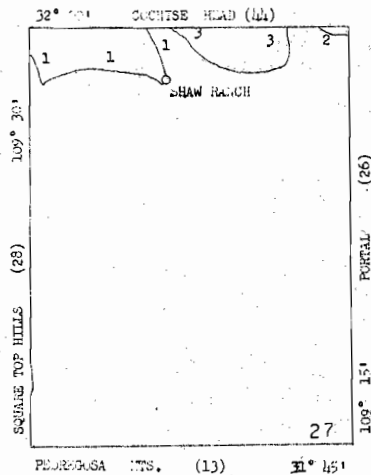
Edition of 1/7/57

Only the standard tablets
are listed for lines run
more than 25 years before
the edition date.

USGS _____

CGGS -----

CGGS LIST 31 109 1



Mark	Line No.
NO 61 1905 WC 1/4 125 (USFS)	3
S12 T17S R29E S1 S12 T17S R29E 1939 (GLO)	3
29 LC	3
30 LC	3
31 LC	3
32 LC	3
4799	1
5111 (Not found)	1
5281 (Not found)	1

(1) FROM SQUARETOP HILLS QUADRANGLE (28) EAST ALONG ROAD TO SHAW RANCH THENCE NORTHWEST INTO COCHISE HEAD QUADRANGLE (44) (by T. A. Green, 1907; Book A 7786)

New Desc.
74

Shaw Ranch, 5.9 mi. W. of; 3.4 mi. E. of Kirkpatrick Ranch; on N. side of old rd.; standard iron post with bronze cap stamped "4799 1907"	4810.660
Shaw Ranch, 2.3 mi. W. of; 7.3 mi. E. of Kirkpatrick Ranch; E. rd. junction at foot of hill; on S. side of rd.; standard iron post with bronze cap stamped "5111 1907" (Not found, 1957)	5124.105
Shaw Ranch, 0.5 mi. NW. of; at junction of old rd.; on E. side of creek; 20 ft. N. of old rd.; standard iron post with bronze cap stamped "5281 1907" (Not found, 1957)	5293.722

(2) FROM PORTAL QUADRANGLE (26) NORTHWEST ALONG ROAD IN NORTHEAST PART OF QUADRANGLE INTO COCHISE HEAD QUADRANGLE (44) (by L. R. Curtis, 1948; Book PV 44)

Portal-Paradise Rd. junction, 5.4 mi. WSW. of along rd. to Hands Pass; at junction of rd. leading SW. to Hill Top Mines; 100 ft. SW. of a windmill; 70 ft. SW. of house; 3 ft. SW. of rd. sign; on large boulder; chiseled point	5252.31
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(3) FROM COCHISE HEAD QUADRANGLE (44) SOUTHWEST ALONG ROAD TO HANDS PASS THENCE NORTHWEST BACK INTO COCHISE HEAD QUADRANGLE (44) (by L. R. Curtis, 1948; Book PV 44)

New Desc.
74

Hands Pass, 0.3 mi. N. of; in saddle at top of steep grade; 36 ft. E. of center of rd.; on rock outcrop; chiseled square	6465.54
Hands Pass, 36 ft. E. of gate in summit; 18 ft. SW. of center of rd.; in concrete post; standard tablet stamped "29 LC 1948 6649"	6649.072
Reference mark, 190 ft. NE. of tablet; 24 ft. N. of rd.; on rock outcrop; chiseled square	6628.91

Hands Pass, 1 mi. SW. of; at junction of rd. leading to power shed; 12 ft. SE. of intersection; on boulder; chiseled point

New Desc.
74

Hands Pass, 2 mi. SW. of; 6.7 mi. SE. of El Dorado School; 24 ft. NW. of center of rd. in small clearing; 4 ft. S. of wire fence; in concrete post; standard tablet stamped "30 LC 1948 5857"

Reference mark, 150 ft. NE. of tablet; 27 ft. NW. of center of rd.; on large boulder; chiseled point

New Desc.
74

Hands Pass, 4 mi. SW. of; 4.7 mi. SE. of El Dorado School; in SW. end of concrete and steel cattleguard; standard tablet stamped "31 LC 1948 5583" (to be destroyed in 1965)

Not Found
74

Reference mark, 72 ft. N. of tablet; in root of 4-inch oak tree; copper nail and washer

New Desc.
74

Hands Pass, 4 mi. SW. of; 4.7 mi. SE. of El Dorado School; 60 ft. S. of rd.; 2 ft. E. of fence and projecting 1.4 ft. above ground; U. S. Forest Service Preserve pipe and cap stamped "NO 61 1905 WC 1/4 125"

Reference mark, 30 ft. S. of pipe and cap; 2 ft. E. of fence; in pile of rocks; USGLO pipe and cap stamped "174 S12 1939"

New Desc.
74

Hands Pass, 4 mi. SW. of; 4.7 mi. SE. of El Dorado School; 90 ft. N. of rd.; 1 ft. E. of a fence; projecting 4 inches; standard USGLO pipe and cap stamped "S12 T17S R29E S1 S12 T17S R29E 1939"

El Dorado School, 3.5 mi. SE. of; at a concrete bridge; on NE. wingwall; chiseled square

New Desc.
74

El Dorado School, 2.5 mi. SE. of; 65 ft. NE. of rd. and driveway to house; 28 ft. NW. of a juniper tree; 1 ft. SE. of a witness sign; in concrete post flush with ground; standard tablet stamped "32 LC 1948 NESST 1965 5363"

Reference mark, 25 ft. SE. of reset BM; 3 ft. NW. of a juniper tree; iron-reinforcing rod

El Dorado School, 1.6 mi. SE. of; 24 ft. SW. of center of rd.; 2 ft. N. of wire fence; on boulder; chiseled point

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
 Line 1

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NW
 QUOTE PRIMARY REFERENCE Shaw Ranch, 5.9 miles W. of
 (Direction and distance)

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

DESIGNATION { LISTED 4799 1907
 STAMPED 4803 1907 TYPE OF MARK: BM TT _____ TRIANG. _____
 Lat. _____' _____"
 Long. _____' _____"
 Elev. 4810.660 feet
 CONDITION
 Disturbed
 Destroyed
 Not Found
 Appears firm.
 ESTABLISHED BY
 USGS USBR
 USC&GS State GS
 USNPS USNFS
 USGLO (Other)
 USBLM

REMARKS OR REVISED DESCRIPTION:

From junction State Highways 181 - 186 (4 mi. W of Chiricahua Nat. Mon.) proceed S. on State 181 4.3 mi. to ranch lane; thence W. on lane 1.4 mi. to Myrl Rolls ranch yard. Obtain permission. Leave yard on ranch road, crossing cattle guard S. of ranch buildings; thence W. 0.2 mi. to another cattle guard; thence W. & N. 0.4 mi. to a fork. Leave truck and proceed E. on foot 650 feet; 16 feet W. of a large sprawling bush; standard iron pipe post with bronze cap. Protrudes 1.6 feet above ground. Shined by cattle rubbing on it.

SUBMITTED BY _____ DATE 3/21/74
 TITLE H L Mac Kay Carto tec
 AGENCY USGS

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

16-54252-4

(OVER)

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
 Line 3

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NE
 QUOTE PRIMARY REFERENCE Hands Pass, 4 mi. SW of
 (Direction and distance)

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

DESIGNATION { LISTED NO 61 1905 WC 1/4 125
 STAMPED _____ TYPE OF MARK: BM TT _____ TRIANG. _____
 Lat. _____' _____"
 Long. _____' _____"
 Elev. 5577.966 feet
 USGS
 CONDITION
 Disturbed
 Destroyed
 Not Found
 ESTABLISHED BY
 USGS USBR
 USC&GS State GS
 USNPS USNFS
 USGLO (Other)
 USBLM

REMARKS OR REVISED DESCRIPTION:

Hands Pass, 4 mi. SW. of; 5.3 mi. SE of El Dorado School; at a concrete and steel cattle guard; 66 feet S. of centerline of rd.; 2 feet E. of wire fence; and projecting 1.4 ft. above ground; U.S.F.S. pipe and cap stamped "

Ref Mk 32 ft. S. of pipe & cap; 2 ft. E. of fence; in pile of rock; U.S.G.L.O. pipe & cap stamped "1/4 S12 1939".

SUBMITTED BY _____ DATE 3/21/74
 TITLE Carto tec
 AGENCY USGS

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

16-54252-4

(OVER)

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
Line 3

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NE
QUOTE PRIMARY REFERENCE Hands Pass, 4 mi. SW. of
(Direction and distance)

DESIGNATION { LISTED 31 LC 1948 5583
STAMPED 31 LC 1948 5583 TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____ ° _____ ' _____ " CONDITION
Disturbed ESTABLISHED BY
Long. _____ ° _____ ' _____ " Destroyed USGS USBR
Elev. 5582.349 feet Not Found USC&GS State GS
USNPS USNFS
USGLO (Other)
USBLM

REMARKS OR REVISED DESCRIPTION:
Hands Pass, 4 mi. SW. of; 5.3 mi. SE. of El Dorado School; at a concrete and steel cattle guard; in SW. end of curb; 4 feet SW. of large wooden post; 8 feet S. of centerline of road.
Ref Mk - SFNF

Mileage from school as given in original description is erroneous.

SUBMITTED BY H L Mac Kay
TITLE Carto tec DATE 3/21/74
AGENCY USGS

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
Line 3

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NE
QUOTE PRIMARY REFERENCE Hands Pass, 2 mi. SW. of
(Direction and distance)

DESIGNATION { LISTED 30 LC 1948 5857
STAMPED 30 LC 1948 5857 TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____ ° _____ ' _____ " CONDITION
Disturbed ESTABLISHED BY
Long. _____ ° _____ ' _____ " Destroyed USGS USBR
Elev. 5856.664 feet Not Found USC&GS State GS
USNPS USNFS
USGLO (Other)
USBLM

REMARKS OR REVISED DESCRIPTION:
Hands Pass, 2 mi. SW. of, 7.4 mi. SE of El Dorado School; in small clearing; 23 feet NW. centerline rd.; 36 feet NE. of gate; 4 feet SE. of wire fence; in concrete post; standard tablet.
Ref Mk 150 ft. NE of tablet; 30 ft. NW. centerline of rd.; 10 ft. NW. of wire fence; on large boulder c/pt.
Mileage from school as given in original description is erroneous.

SUBMITTED BY H L Mac Kay
TITLE Carto tec DATE 3/21/74
AGENCY USGS

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REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
Line 3 (27)

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NE

QUOTE PRIMARY REFERENCE Hands Pass, 4 mi. SW. of
S1 S12 T17S R29 1/2E (Direction and distance)

DESIGNATION { LISTED S12 T17S R29E 1939
STAMPED same TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION Disturbed
Long. _____' _____" Destroyed ESTABLISHED BY USGS USBR
Elev. 5593.628 feet Not Found USC&GS State GS
USGS USNPS USNFS
USGLO (Other)
USBLM

REMARKS OR REVISED DESCRIPTION:
Hands Pass, 4 mi. SW. of; 5.3 mi. SE. of El Dorado School; at a concrete and steel cattle guard; 94 ft. N. of centerline of rd.; 1 ft. E. of a wire fence; projecting ~~out~~ 4 inches; standard U.S.G.L.O. pipe and cap.

Mileage from school as given in original description is erroneous.

SUBMITTED BY H L Mac Kay DATE 3/21/74
TITLE Carto tec
AGENCY USGS

Marks found in good condition need not be reported.

FILL IN ALL AVAILABLE INFORMATION

REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
Line 3

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NE

QUOTE PRIMARY REFERENCE El Dorado School, 3.2 mi. SE. of;
32 LC 1948 RESET 1965 5363 (Direction and distance)

DESIGNATION { LISTED 32 LC 1948 RESET 1965 5363
STAMPED same TYPE OF MARK: BM X TT _____ TRIANG. _____

Lat. _____' _____" CONDITION Disturbed
Long. _____' _____" Destroyed ESTABLISHED BY USGS USBR
Elev. 5363.758 feet Not Found USC&GS State GS
USNPS USNFS
USGLO (Other)
USBLM

REMARKS OR REVISED DESCRIPTION: El Dorado School, 3.2 mi. SE. of; ~~75 feet~~ 75 feet
75 ft. NE. of intersection of road and lane to house; 45 ft. NW. of a juniper tree; in concrete post flush with ground; standard tablet.

Ref Mk 43 ft. SE of reset tablet; 2 ft. NW of a juniper tree; iron reinforcing rod.

Mileage from school as given in original description is erroneous.

SUBMITTED BY H L Mac Kay DATE 3/21/74
TITLE Carto tec
AGENCY USGS

Marks found in good condition need not be reported.

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REPORT ON PERMANENT SURVEY MARK

AREA OFFICE
Line 3

STATE Arizona COUNTY Cochise QUADRANGLE Chiricahua Peak NE
QUOTE PRIMARY REFERENCE Hands Pass, 36 feet E. of gate
(Direction and distance)

DESIGNATION { LISTED 29 LC 1948 6649
STAMPED 29 LC 1948 6649 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>6649.072</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:

36 Hands Pass, 36 ft. NE of gate at summit; 13 ft. E. centerline N.-S. road;
16 ft. N. centerline road E.; in concrete post; standard tablet.xt

Compass directions for BM & Ref Mk in original descriptions appear in error.
Ref Mk - SFNF. Only rock outcrop that meets distance and elevation calls
is S. of BM & W. of rd.

SUBMITTED BY H. L. Mac Kay
TITLE Carto tec
AGENCY USGS

DATE 3/21/74

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.