

**DESCRIPTION**  
**HORIZONTAL CONTROL STATION**

31 110 12  
DIAGRAM Nogales  
USGS QUAD NO. 20

3rd Order  
Triangulation  Electronic - Distance Traverse  Intersected Object   
Station K 54 USGS County Pima State AZ  
Established by USGS Year 1934 Project D 3238-52

Check one:  
 New Station: Write full description below  
 Recovery of Old Station: Recovered by \_\_\_\_\_ Year \_\_\_\_\_ Project \_\_\_\_\_

Object	Bearing	Distance		AZIMUTH
		Feet	Meters	
SAMANIEGO USGS				160°30'51.9"

Located on long low ridge 0.2 mi N. of Arivaca Rd.; about 4 mi W. of Tucson-Nogales Rd.; 0.5 mi NW. of Sopori Ranch house; in southwest 1/4 section 33, T19S, R12E.

Station mark: Standard bronze tablet stamped "K 54 1934", set in concrete cone projecting 3 inches above ground.

USGS Adjusted 1934 Coordinates

ARIZONA CENTRAL ZONE

X= 746411.9

Y= 266147.5

MAPPING ANGLE=+0 25 1

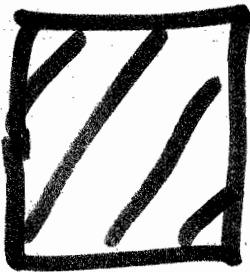
ELEV

QUAD 31 111 12

K 54 USGS

LAT 31 43 45.410

LONG 111 7 26.760



**NAD 83 VALUES AVAILABLE**

SAUCED MTN  
AMADO  
MURPHY, PEAK  
TUBAC

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Geological Survey  
Form No. 9-3223 Rev. 1968

**DESCRIPTION**  
**HORIZONTAL CONTROL STATION**

31 111 12  
DIAGRAM Nogales  
USGS QUAD NO. 20

3rd Order

Triangulation

Electronic - Distance Traverse

Intersected Object

Station K 55 USGS Country Pima State AZ  
Established by USGS Year 1934 Project D 3238-52

Check one:

New Station: Write full description below

Recovery of Old Station: Recovered by USGS Year 1957 Project PH 596

Object.	Bearing	Distance		AZIMUTH
		Feet	Meters	
TUBAC USA				336°45'36.6"

USGS 1957: New description follows:

150 ft E. of rd., 2.4 mi NW. of Arivaca Rd., about 5 mi W. of Tucson-Nogales Hwy.

Station mark: Standard bronze tablet stamped "K 55 1934", set in concrete cone projecting 3 inches above ground.

USGS Adjusted 1934 Coordinates

~~ARIZONA CENTRAL ZONE~~ ~~ELEV~~ ~~3484.629 FT~~

~~X= 731966.4~~

~~Y= 271621.3~~

~~MAPPING ANGLE = +0 23 33~~

~~QUAD 31 111 12~~

~~K55 USGS~~

~~LAT 31 44 40.590~~

~~LONG 111 10 13.580~~

**NAD 83 VALUES AVAILABLE**

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OCT 1 1975