

## TCU IRONS

### Cleburne

#### *History and Main Mass*

Mr. Rufus Anderson found meteorite in 1907 5.5 miles NW of Cleburne (32° 23' N, 97° 23' W)

It weighed 15 lbs. = 6.8 kg

When the meteorite was found, it was barely protruding from the general surface

It is a "low cone" with irregular sides, one noticeably flat side was lying in contact with solid rocks which had been removed

The flat base is roughly triangular with sides of 13 cm, the height of the low cone is ~8 cm, smooth edged regmaglypts are present

Oscar acquired the meteorite in 1934 and it weighed 6.6 kg at the time

A blacksmith had made small cuts and several pieces are battered from being hit with a hammer shortly after it was found

A relatively thin, dark brown crust

A.D. Ninninger, Pop. Astron., 1937, 45, 449

Barnes - Catalog of Texas Meteorites

Buchwald (1975) Briefly noted, but not studied

Wasson et al. (1989) GCA IVA Iron

Sample probably from Smithsonian piece  
cut from TCU Sample

#### *Metallography*

We have examined only a single slice which I have retained for study.

a-j-E.

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