

TISHOMINGO NOTES FROM THE FILES

Found on land belonging to Mr. John Whiteley, Rte. 2, Tishomingo, OK
Finder was a neighbor boy Glenn Harris (or Harris Glenn) Orr, son of R. C.
Orr, who, on January 14, 1965, stumbled over a part projecting from
the ground while bird hunting. He came back later and began digging
around the mass. The ground there is a gravelly soil on top of
granite.

Seems there were 5 pieces found in the same hole:

360 lbs (163.4kg)

214 lbs (97kg)

Underneath the big ones were:

5.5 lbs (2.5kg)

2.375 lbs (1.1kg)

1 lb (0.45kg)

The closeness of the pieces indicates all were part of one piece originally
although there was very little surface weathering on the irons. The
2.5 and the 1.1kg pieces fit nicely together. The others not
obviously.

The 1.1kg was cut in half and each half polished and etched at the
American Meteorite Lab (letter of 3/25/65 from Glenn Huss).

On May 11, 1965, OEM offered R. C. Orr a dollar a pound for the big irons.

On July 18, 1965, suggested OEM might be willing to give \$2/lb.

On October 28, 1965, a letter from Ed Henderson states "The Tishomingo
Oklahoma, iron you let me carry away weighs 360 grams".

A later copy of a letter to Henderson indicates that the 360g piece was
from the same piece as the one Glenn Huss polished and etched.

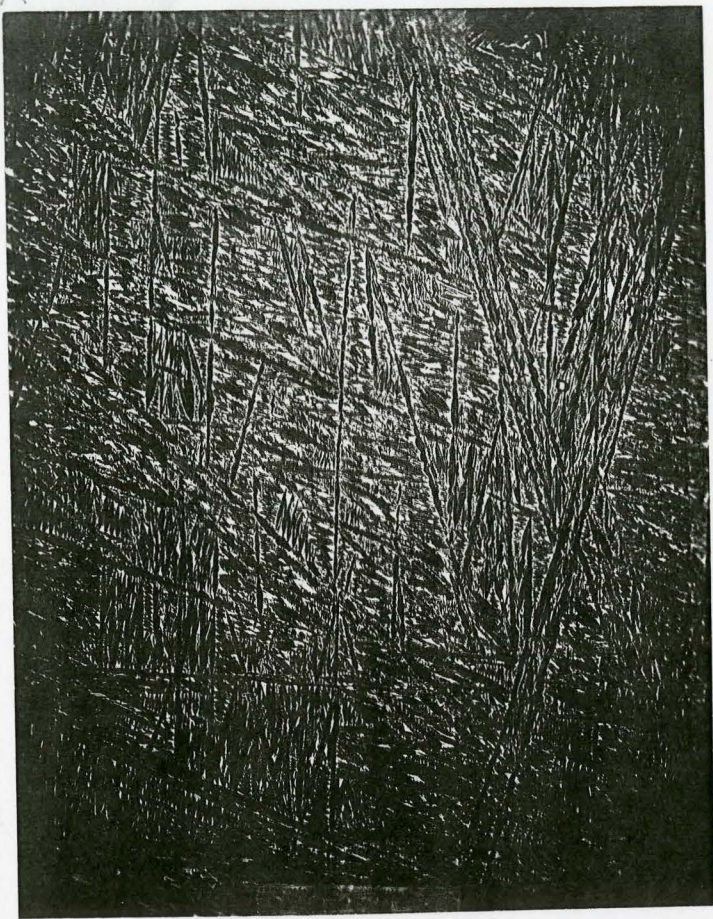
On November 6, 1965, in a letter to Henderson, OEM states that he is
"expressing" to Henderson, the 5lb 6oz piece, which was brought to
Dallas by Glenn Orr's mother after OEM requested it for study.

A letter from Henderson on December 27, 1965, states the "second and
larger" Tishomingo arrived and they have done "a great deal" of
work on it (this piece still belonged to Orr not OEM).

In a copy of a January 11, 1966, letter to Henderson, OEM asks why the
Smithsonian folks are still not convinced that this is a meteorite.

On March 7, 1966, OEM tells Henderson to be sure to send the "5 1/2 lb"
piece back to keep Faith with the Orr's. The Shipping Invoice from

A



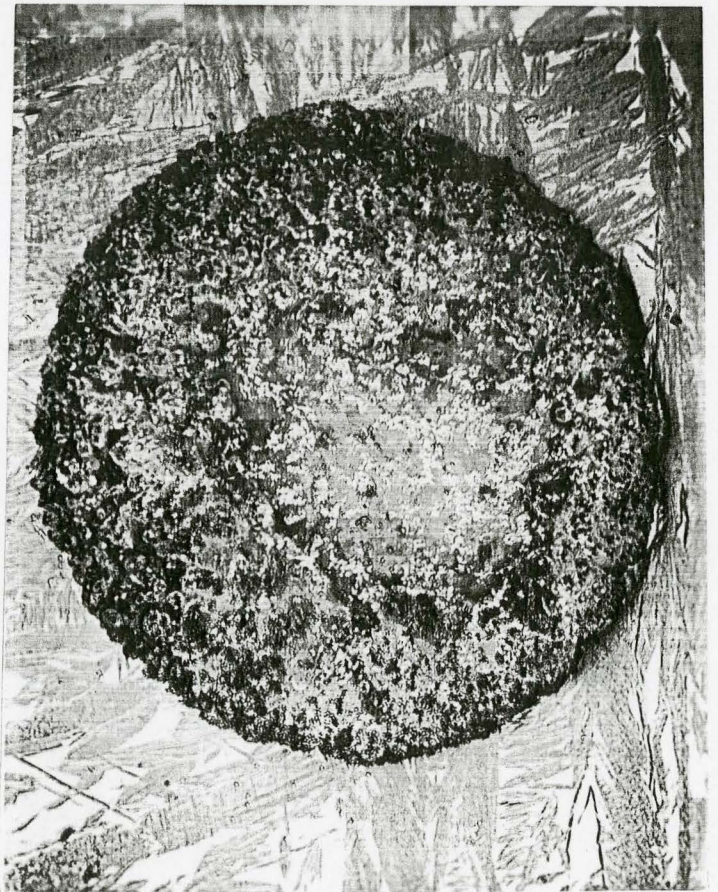
B



C



D



Enclosure

The prints came back of the structures in the last piece of the Tishomingo iron, these are the most interesting ones.

- A The average martensite texture. Seems to be identical with the martensite texture of the first specimen
- B The only area in this specimen which lacks the martensite texture. Perhaps some inclusion exists under this clear area?
- C A deformed and shocker^d troilite with martensite extending to the edge of the inclusion
- D Shocked troilite with no apparent deformation. Consists of small bits of FeNi and FeS.

Magnifications given on reverse side.

Enclosure

The prints came back of the structures in the last piece of the Tishomingo iron, these are the most interesting ones.

- A The average martensite texture. Seems to be identical with the martensite texture of the first specimen
- B The only area in this specimen which lacks the martensite texture. Perhaps some inclusion exists under this clear area?
- C A deformed and shocked troilite with martensite extending to the edge of the inclusion
- D Shocked troilite with no apparent deformation. Consists of small bits of FeNi and FeS.

Magnifications given on reverse side.