

1948; Nov. 28.

Dear Dr. Henderson:

In your last letter you asked about our Gail, Borden County, Texas, stone. I am not certain it will finally be named that; it is unfortunate that Gail is about the only town in the county, but it is in the center and the rock was found in the NW corner, very near a former settlement of Tredway, which is now reduced to one house!

The stone weighs 10 lbs., 4 ounces, and is substantially complete, tho it was sent to me in three pieces. It was identified Aug. 25, 1946 by one K. T. Reddell, to whom I had talked about meteorites in the Tulia, Tex., region over 10 years prior. Thus the find was a direct reward for past efforts.

Reddell and others were sitting around at a farmer's house when this stone was noticed, in the back yard. I talked to the present family occupying this house, and wrote to a previous occupant, but there seems to be no way of learning when and where the stone was originally found. The site is within 3 miles of the edge of the "Caprock" (High plains), which are here bordered by some Cretaceous, with blackish soil. The meteorite had sandy loam on its surface, indicating surely that it was found originally somewhere in the High Plains soil. The spot where it was identified is in such soil, and the best guess is that it was found on or near that farm. The longitude is $101^{\circ} 36.5'$, lat. $32^{\circ} 50.8'$.

I have canvassed the area in a personal visit, but nothing else has turned up and I got no further information. The stone has the usual vari-colored brown exterior, and is quite weathered. I would guess it is a chondrite, but haven't ground on it or examined it closely enough to say so positively. The interior exudes lawrencite in several spots. Attraction by an Al-Ni-Co magnet is moderate to somewhat more than moderate, by which I'd guess metal content to be average or over--say 10% or more. I would have once said the stone had been on earth perhaps 50 years, but now would be inclined to say "centuries".

Sincerely,