# POOR DOCUMENT

THE EVENING TIMES AND STAR, ST. JOHN N. B., FRIDAY, JANUARY 7, 1921

## TOOK DIMENSIONS OF GIANT STAR

Successful Measuring of Betel Geuze Described - Marks Great Step.

Dr. George Ellery Hale, director of the Mount Wilson Observatory, near Pasadena Cal., gave to the Associated Press on article he had written describing the

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use Black. Green or Mixed I ea. Address Salada. Montreal article he had written describing the tessful measuring at the observatory tember 13, of the star Betel Gauze, the Constellation of Orion, showing diameter to be 300 000,000 miles. On Dec. 13, 1920, the diameter of obright red star Betel Geuze (Araftor The Giant's Shoulder') in the isstellation of Orion, was successfully assured on Mount Wilson," Dr. Hale tess tess.

"He then went on to predict that the stars are so remote that hithers it has not been possible to measure it diameters, in spite of the fact that my stars must be much larger than sun. In his presidential address last August ore the British Association for the vancement of Science, Professor A. Eddington, of Cambridge, remarked:
"No tele cope is powerful enough to measure accurately the extremely small close agreement with Professor Edding for the Wilson Observatory."

We make sure that our theiretical deductors of the Ryerson Physical Laboratory of the University of Chicago, and Research Associate of the Mount Wilson Observatory."

"He then went on to predict that the stars are so remote that hithers is almost certainly Betel Geuze, with the greatest apparent diameter 0.051 seconds of Arc.' This result was just obtained, and is a remarkable of the fact that one-hundred inch Hooker telescope by Messrs. Pease and Anderson, of the observatory staff.

"No tele cope is powerful enough to measured angular diameter is almost certainly Betel Geuze, with the greatest of the Mount Wilson and tested.

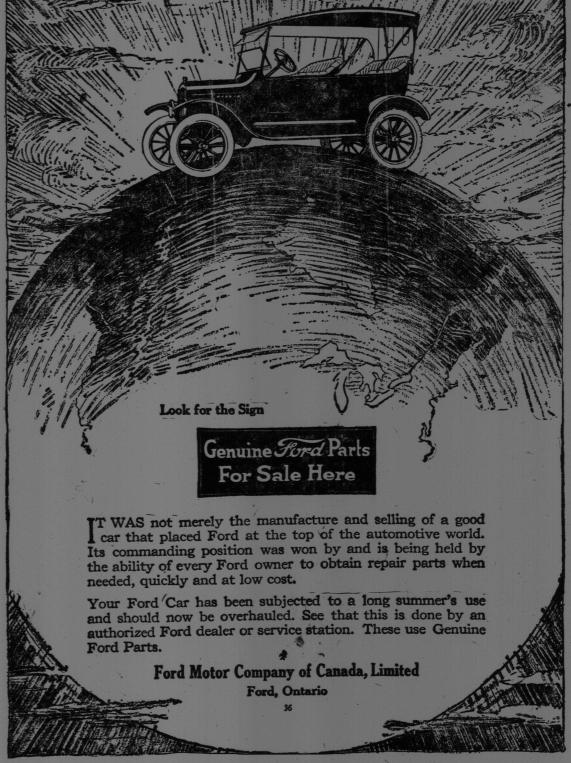
"The measurement was made with the one-hundred inch Hooker telescope by Messrs. Pease and Anderson, of the observatory staff.

"No tele cope is powerful enough to measure accurately the extremely small angue subtended by a star.

"This very difficult and delicate task is rendered possible by a method de-limitation of the Ryerson Physical Laboratory of the University of Chicago, and Research Associate of the Mount Wilson observatory."

"The measurement of Science, Professor A. Eddington, of Cambridge, rema

correct within ten per cent. "To learn the linear diameter of the star we must know its distance from the earth. The three available measures of the distance of Betel Geuze are not in





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## **EXECUTIONS BY** THE MILITARY NOT UNFREQUENT

Conditions in Halifax More Than a Century Ago-Slaves Were Offered for Sale-Much War Loot.

(Occasional in Halifax Recorder.)

During the war of the French Revolution (1793) British cruisers and priviteers often arrived at this port with prizes. On one occasion thirteen of these were brought in by two cruisers. Cargoes of flour, wine, fruit, etc., were often captured, and the market here was abundantly supplied with good things, and there was no luxury tax. Halifax was destined to hear, but only to hear, of "the battle's distant din." The militia manned the forts, and the Nova

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