R. D. GREEN, MANAGER, CONTINENTAL LAND AND CATTLE CO., RANCH HEADQUARTERS ESTELLINE, TEXAS.

> Hon. J. T. Robison: Commissioner, Gen. Land Office,

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Austin Tex.

July 10th, 1911.

Report on Our Methods.of determining the Sorrect Locations of the Surveys of the F.P. Knott Lands Situated in the N.W. part of Cottle Co. and extending slightly into Motley Co. on the W. side .

In this block of said Knott survey there have never been but three of the original corners identified namely the S. E. corner of survey of number 1, its north-east corner and the common N. Corner of surveys No. 22 and 23 The original field notes described the S. E. corner of said survey No. 1, as follows: A stone marked H. whence a cotton wood tree marked X brs. 58 _ 30 E. 280 vs. A pround knoll on a mountain brs. S. 89 W. 700 vs. This corner is described as coincident with the S. W. corner of surver number 756, Block H, W. N. W. R. R. Co.; but it bears no relation whatever to it. It is, however, 758.5 vs. E. and \$56.5 vs. N. of the \$. W. corner of said survey No. 756.

The original field notes describe the N. E. corner w of said survey **Solution**, as follows; A stone mark K. whence a cave 60 feet in diamter and 110 feet deep in a prairie bears N. 75 degrees and 30 min. E. 200 vs.

The original field notes describe the common N. corner of said surveys No. 22 and 23 as follows; A mesquite tree mark \overline{x} brs. N. 48 degrees E. 158 vs.

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> These said corners have been completely identified by my self and others, and are accepted as the basis of these locations by all surveyors working here.

As the mark stone at the N. E. corner of said survey No. 1 was never found; and as the cave can only give an approximate location of this corner, I base the location of all the surveys of this block of Knott land upon the other two corners described in the foregoing.

We established a true straight line between the S. E. . corner of said survey No. 1 and the common N. corner of said surveys NO. 22 and 23, as follows; Beginning at the S. E corner of said sur<u>&</u> vey No. 1 thence N. 26 degrees 34 min. W. 8564. 2 vs. the common N. corner of said surveys No. 22 and 23.

This line gives the following datta; Magnetic varation = 10 degrees, $\mathcal{F}_{\mathbf{M}}$. and the excess per mile of 15 vs. (latitude and departure) of all those surveys situated between these two corners and goverend by them in their location.

From this base line I establish the connections between the said Knott lands and the surveys of Block 2 J. Poitevent, and between the said Knott lands and the surveys of Block H, W N. W. R.R. Co.

We carefully checked all this work by running the connecting lines twice and in some cases three times in order to check as closely as we wished.

The accompaning map shows all these connectings and details

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R. D. GREEN, MANAGER. CONTINENTAL LAND AND CATTLE CO .. RANCH HEADQUARTERS ESTELLINE, TEXAS.

Deputy of Hall County, Texas,

I, G. H. Chipman surveyor, do hereby certify that the fore-

going report is a true and correct statement of this work.

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Geo. H. Chipman, Seputy Surveyor Holl Comity, Jeros

I B.F. Moore Surveyor of Matley County Texas do hereby Certify that the foregoing report is a true and correct statement of this work B.J. moore Surveyor motley County Dex.

I, J.W. Carroll , Surveyor of Cottle County, Texas, di hereby certify that I have examined the foregoing report and compared same with data in my office and that I find it to be correct and that I approve the same.

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Witness my hand this 31 day of August, 1911.

Surveyor, Cottle County, Texas.

Sketch File No. _____ 16 Cottle County Report on F.P. Knott Filed <u>Sep 2</u> 19 // GARRY MAURO, Com'r By. Counter 19521