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SURVEY REPORT OF RESURVEY (RETRACEMENT) OF A PORTION OF H & T.C. R.R. CO. BLOCK 2 LOCATED IN COKE COUNTY, TEXAS By Thomas J. Houston Licensed State Land Surveyor

> File No. <u>SKETCH FILE 37</u> <u>COKE</u> County Filed 2004

Jerry Patterson, Commissioner

By.____

Filed for record in my office, the <u>15th</u> day of <u>September</u> 2004 at <u>1:45</u> o'clock <u>P.</u> M and duly recorded the <u>15th</u> day of <u>September</u>, 2004 in Book <u>8</u> Page <u>52</u> of the Surveyor Abstract Records of Coke County, Texas.

County Clerk



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WM. C. WILSON, JR. R.P.L.S., L.S.L.S.

SAN ANGELO, TEXAS 76901

THOMAS J. HOUSTON R.P.L.S., L.S.L.S., B.S.S

SURVEY REPORT July 16, 2004

RE: H. & T.C R.R. Co. Surveys 72, 78 and 80, Block 2, Coke County, Texas.

The purpose of this work is to obtain Patents for said Surveys 72, 78 and 80. The Original fieldnotes for H. & T. C. R.R. Co. Block 2 were done by M.J. Doyle in September 1872. This was a "paper" survey which is supported by there being no physical corners called for and that it was later monumented on the ground by Stephen Turner in May 1886.

We have found or re-established most of Mr. Turners corners that should affect the location of said Surveys 72, 78 and 80. Coke County Rolled Sketch No. 33 that accompanies this report shows the The corners marked with triple results of our recent survey. circles represent the Turner corners we found or re-established. Of the eleven Turner corners in this area we found the actual stone mounds at six corners and were able to definitely locate four more corners thru perpetuation by other surveys. The only Turner corner we did not actually find is the S.E. corner of Survey 148 of said This corner and its witnesses have been destroyed. Block 2. Fortunately we did find the Turner corners 1 mile East and 1 mile West and were able to re-locate this position midway between these opposing corners. This method is supported by fitting within about 0.5 vara of the actual mound found by others in 1949.

These eleven Turner corners should establish the H. & T.C. R.R. Co. Block 2 Surveys in this area. The Surveys to the North and East of the said Survey 72 are Junior, do not appear to conflict and contain adjoiner calls for H. & T.C. R.R. Co. Surveys and should not affect the construction of said Surveys 72, 78 and 80.

The eleven Turner corners nearly form a rectangle around the subject area. The corners around the perimeter of this area that were not monumented by Turner were computed by proration between found corners. After studying Mr. Turner's fieldbook this appears to conform fairly well to the lines as actually run by Mr. Turner. The "interior" corners were computed by intersecting lines between opposing corners along the perimeter. This method was chosen over proration to compute the South corners of Survey 80 and North corners of Survey 148 since Mr. Turner did not actually run the North-South lines between the N.E. corner of Survey 80 and S.E. corner of Survey 148 or the N.W. corner of Survey 80 and the S.W. corner of Survey 148.

The other physical corners to be considered in this area are the patented corners for Surveys 120, 122 and 124 of said Block 2.

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These corners adjoin Surveys 72, 78 and 80. We found the Patented N.E. and N.W. corners of said Survey 124 and the marked rock that may have been disturbed at the N.E. corner of said Survey 120. We were not able to find the stone mound called for at the patented N.W. corner of Survey 122. It falls on a very rocky hillside. We did not look for the patented N.E. corner of said Survey 122 but I have computed its approximate position from ties made by others. The difference between the found patent corners and re-established Original position for the subject Surveys is noted on said Rolled Sketch No. 33.

Thomas J. Houston

Thomas J. Houston Licensed State Land Surveyor

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