

File No. Sketch File 60

DIMMIT County
Northwesterly Portion of J. Poitevent Block
Sects. 36 - 45

Filed AUGUST 8 19 90

GARRY MAURO, Com'r

By Douglas Howard

REPORT OF SURVEY
N PART OF J. POITEVENT BLOCK
DIMMIT COUNTY, TEXAS
28 May 1991

Original work in this area enclosing Speer Creek (originally termed Espia Creek) was by John W. Garretson in mid-January, 1875, moving upstream and completing Survey Nos. 41 and 42 last on 20 and 21 January, respectively. In summer of that same year, F. M. Maddox surveyed Block 5 of I. & G.N. Ry. Co., completing Survey Nos. 1 and 2 to the east on 14 July, leaving space for 44 sections by Garretson (rather than the 42 he had filed Field Notes for), placing Survey No. 44 in the eventual location of No. 43, and placing No. 43 a mile E of its actual location, as well as leaving vacancy E of Garretson's Survey Nos. 32, 33 and 35. It is therefore evident that Maddox did not find Garretson's landmarks for his adjoinders.

D. Wjsochelski came in early 1882 to add Survey No. 3 1/2 to I. & G.N. Block 5 in the space previously designated by Maddox for Survey No. 43 of the Poitevent Block.

Subsequently, however, responding to Donation Certificate request in November of 1881 by Mrs. Caroline Dunbar, widow, R. J. Carr surveyed the location Maddox had specified for Survey No. 44, terming it Survey No. 43 of the Poitevent Block, in September of 1882. Carr's work, though junior to I. & G.N. Block 5 by Maddox and Wjsochelski, indicates his recovery of both E corners of Garretson's Survey No. 40; but he failed to find Garretson's NE corner of Survey No. 37 (later recovered by Barker in 1921), and he neither found nor called for the senior W boundaries or corners of Survey Nos. 1 and 3 1/2 of I. & G.N. Block 5, and ended up placing a new corner for NE of Survey No. 43.

Then in 1885, John Barnes came to place Survey No. 47 in the N part of the vacant area E of Survey No. 35 by Garretson. And finally, in 1893, Willis W. Barker surveyed No. 99 for Susan C. Case to the N and E of Garretson's Survey No. 41, beginning at its SE corner. However, at that time he cited only the stakes at Garretson's two E corners of Survey No. 41, with no witnesses. Additionally, he did not find Carr's NE corner of Survey No. 43, but called to pass Maddox's NW corner of Survey No. 1, I. & G.N. Block, an earth mound with four pits and witnesses, none of which were called for by Maddox. In 1921, however, in Barker's Corrected Field Notes for Survey No. 43, he found one of the witnesses cited in R. J. Carr's notes of setting the NE corner of Survey No. 43 in 1882, stating that the "N 74 1/2 E 5 varas" bearing had been cut down for the road along all of its N boundary. Barker makes no mention of his Survey No. 99 notes or landmarks in his Corrected Field Notes for Survey No. 43, nor does he call to adjoin I. & G.N. Block 5. Additionally, at the NE corner of Survey No. 37, Barker's recovery cites the two bearings of Garretson, whereas Carr cites no recovery as aforesaid, only a stake placed for corner. Nevertheless, at the SE corner of Survey No. 40, Carr had cited the exact sizes and bearings by Garretson, whereas Barker found no remains of this corner left by 1921. In 1974, Frank Schorp filed Corrected Field Notes for Garretson's Survey No. 41, adjoining existing fences on its north and east boundaries. This concludes the original surveys and subsequent recoveries to date.

Barker's 1921 recoveries in the Poitevent Block call for a total of 5842 varas along the westerly boundaries of Survey Nos. 36, 38 and 40; and across both the northerly and southerly boundaries of Survey Nos. 39 and 38 he found a distance of 3889 varas.

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However, he found the corresponding northerly and southerly boundaries of Survey Nos. 35 and 36 to aggregate 3876 varas, with the common boundary of the four surveys running to identical landmarks. Closing the 13 varas over the N-S distance of 3869 varas produces a variation of $0^{\circ} 11' 33''$, and this corresponding declination from the occupied N lines of Survey Nos. 37 and 38 produces a geodetic bearing of $S 30^{\circ} 20' 29'' E$. By comparison, the line between our placed NW corner of Survey No. 38 and its occupied SW corner post is $S 30^{\circ} 19' 31'' E$ 1925.46 varas (cf. 1936 vs.), and to the occupied SW corner of Survey No. 36 is $S 30^{\circ} 24' 58'' E$ 3854.20 varas (3869 varas call). Barker's 1921 recoveries at all these corners are destroyed, and although the distance along S boundary of Survey No. 35 to cross Speer Creek is 40 varas further than Garretson's original call (310 varas), Barker did find the S boundary to be 36 varas longer than Garretson's. Barker, however, does not verify any other creek crossings in his Corrected Field Notes for these surveys.

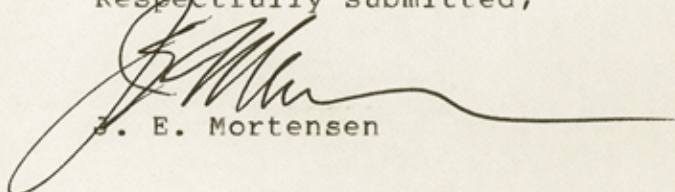
Although Barker did not file Corrected Field Notes for Survey No. 39, we find the distance from our placement of its SE corner to the occupied W boundary to be 1947.00 varas, identical to Barker's finding of the common boundary of Survey Nos. 38 and 40. We have therefore taken the occupied 3 mile line along the S boundaries of Survey Nos. 39, 40 and 43 to constitute a recovery of these boundaries, and have constructed his calls of 1947 varas, 1947 varas, and 1942 varas respectively along that line. This line bears geodetic $N 59^{\circ} 51' 04'' E$. The 1974 Corrected Field Notes of Schorp for Survey No. 41 call for existing fences along N and E boundaries, with his Beginning Point the NE fence corner post. Schorp's recovered S boundary along State Highway 85 bears geodetic $N 59^{\circ} 52' 25'' E$. We have therefore extended his S boundary both directions to intersect the N-S boundaries of Survey Nos. 40 and 43.

The line from our resultant SE corner of Survey No. 40 to the original deeded SW corner of NW Quarter of Survey No. 43 extends precisely through both its W corners, and since this deed originated on the E right-of-way of a deeded but abandoned county road within and along the E boundary of Survey No. 40, we have used this bearing (geodetic $N 30^{\circ} 09' 26'' W$) in construction of N-S boundaries. Also, the bearing of said 3-mile line ($N 59^{\circ} 51' 04'' E$) compares well with the highway bearing along N boundary of Survey Nos. 39 and 40, ($N 59^{\circ} 55' 55'' E$), and is presumably the basis for Schorp's S boundary of Survey No. 41. This construction shortens the W boundary of Survey No. 40 to 1964.93 varas from Barker's 1973 varas, from which the SW corner of Survey No. 41 (by Schorp, 1974) bears $N 59^{\circ} 52' 25'' E$ 958.62 varas. Extending the thusly constructed (and formerly deeded) E boundary of Survey No. 40 southward from its SE corner 1936 varas (Barker's call), we placed the SE corner of Survey No. 38 very near the occupied corner at a water lot. (Although a number of very old mesquites have been preserved in the lot, the nearer original ones recovered by Barker in 1921 are destroyed).

We have therefore constructed and placed the corners of Survey Nos. 40 and 43 on the basis of Barker's 1921 recoveries and Schorp's 1974 construction, and have shown grid coordinates for these and other corners on the Rolled Sketch submitted herewith.

See Rolled SK. 19

Respectfully submitted,


J. E. Mortensen