

NORTHWEST CORNER SECTION 29, TOWNSHIP 19 SOUTH, RANGE 11 EAST

- 1) ON PAGE 377 OF THE GLO ORIGINAL FIELD NOTES IN THE DRAFTING ROOM IN THE COUNTY ENGINEER'S OFFICE IT STATES THAT **THEY SET A LIMESTONE 24" X 9" X 4"** FOR THE CORNER TO SECTIONS 19, 20, 29 & 30-19-11 ON MARCH 28, 1857.
THE GOVERNMENT SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:
 - 1) 40.00 CHAINS SOUTH TO THE 25" X 15" X 2" LIMESTONE THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 29 & 30-19-11
 - 2) 80.00 CHAINS SOUTH TO THE 30" X 13" X 3" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 29, 30, 31 & 32-19-11
 - 3) 39.71-1/2 CHAINS EAST TO THE POST THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 20 & 29-19-11
 - 4) 79.43 CHAINS EAST TO THE 24" X 12" X 5" SANDSTONE THEY SET FOR THE CORNER TO SECTION 20, 21, 28 & 29-19-11
 - 5) 40.00 CHAINS WEST TO THE **TRUE POINT** FOR THE 1/4 CORNER BETWEEN SECTIONS 19 & 30-19-11. AS WITNESSED BY THE MULBERRY POST THEY SET AT 150 LINKS WEST OF THE **TRUE POINT**
 - 6) 78.05 CHAINS WEST TO THE POST THEY SET FOR THE CORNER TO SECTIONS 19 & 30-19-11 ON THE WEST TOWNSHIP BOUNDARY

- 2) E. B. KIRKENDALL, BRECKENRIDGE DEPUTY COUNTY SURVEYOR, IN A ROAD SURVEY RECORDED IN SURVEY BOOK "A" ON PAGES 30 & 31 ON THE PETITION OF T. P. HALL AND OTHERS FOR A TOWNSHIP ROAD IN EMPORIA TOWNSHIP [PACKET 83 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] SURVEYED JANUARY 11, 1861 AND ESTABLISHED MARCH 5, 1861 IN THE COMMISSIONERS JOURNAL ON PAGE 138, WITH A NOTE IN THE PACKET "ORDERED OPENED BY THE CO. BOARD ON FEBRUARY 6TH, 1875", APPARENTLY **FOUND THE STONE** AT THE NORTH CORNER OF SECTIONS 29 & 30-19-11 AT THE TERMINUS OF THIS ROAD SURVEY.
HIS SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:
 - 1) THIS ROAD EXTENDS NORTHERLY ALONG THE WEST BANK OF COTTONWOOD CREEK FOR 27 CHAINS; THENCE N. 25° E. FOR 16.00 CHAINS TO THE EAST BANK OF SAID CREEK AT THE WEST 1/4 CORNER OF SECTION 20-19-11; THENCE EAST ON THE 1/2 SECTION LINE FOR 1/2 MILE TO THE CENTER CORNER OF SECTION 20-19-11; THENCE NORTH ON THE 1/2 SECTION LINE FOR 1/2 MILE TO THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF SECTION 20-19-11 TO BEGIN THIS ROAD SURVEY

- 3) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN SURVEY NUMBER 7, A **PERMANENT SURVEY** RECORDED IN SURVEY BOOK "B" ON PAGE 7 DATED JANUARY 28, 1870 TO PERMANENTLY ESTABLISH THE CENTER CORNER AND TO DIVIDE THE NORTHWEST 1/4 EQUALLY BY A LINE RUNNING NORTH & SOUTH AND THE SOUTHWEST 1/4 BY A LINE RUNNING EAST & WEST, ALL IN SECTION 29-19-11, SAID THAT **HE APPARENTLY FOUND THE STONE** AT THE NORTHWEST CORNER OF SECTION 29-19-11 ON THIS **PERMANENT SURVEY**.
HIS SURVEY NOTES SHOW THE FOLLOWING INFORMATION:
 - 1) 1,322' EAST TO THE STONE HE SET FOR THE PERMANENT NORTH 1/2/4 CORNER OF THE NW1/4 OF SECTION 29-19-11
 - 2) 2,644' EAST TO THE STONE HE FOUND AT THE NORTH 1/4 CORNER OF SECTION 29-19-11

- 4) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN SURVEY NUMBER 45 OF THE 8TH TERM, A **PERMANENT SURVEY** RECORDED IN SURVEY BOOK "C" ON PAGE 102 DATED OCTOBER 9, 1874 TO FIND THE CENTER CORNER AND SUBDIVIDE A PART OF THE SOUTHWEST 1/4 OF SECTION 19-19-11, SAID THAT **HE FOUND THE POST ROTTED OFF** AT THE

SOUTHEAST CORNER OF SECTION 19-19-11 ON THIS **PERMANENT SURVEY**. HE ASCERTAINED ITS POSITION BY TAKING COURSES AND MEASUREMENTS FROM THE WITNESS TREES AS DESCRIBED IN THE U.S. FIELD NOTES, AND **HE SET A STONE** FOR THE PERMANENT SOUTHEAST CORNER OF SECTION 19-19-11 ON THIS **PERMANENT SURVEY**.

HIS SURVEY NOTES SHOW THE FOLLOWING INFORMATION:

- 1) 2,656' NORTH TO THE 16" X 10" X 2" STONE HE SET FOR THE PERMANENT EAST 1/4 CORNER OF SECTION 19-19-11
 - 2) 5,312' NORTH TO THE STONE HE FOUND AT THE NORTHEAST CORNER OF SECTION 19-19-11
- 5) W. S. RUGGLES, COUNTY ENGINEER FROM 1915 TO 1928, IN A SURVEY RECORDED IN PERMANENT SURVEY BOOK 1 ON PAGE 94, FOR THE SURVEY OF A 55.64 ACRE TRACT IN THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 20-19-11, SAID THAT **HE FOUND THE STONE IN PLACE** AT THE SOUTHWEST CORNER OF SECTION 20-19-11 ON THIS **PERMANENT SURVEY**. THE FIELD SURVEY WAS COMPLETED JUNE 3, 1920 AND THE SURVEY WAS RECORDED JUNE 11, 1920.

HIS SURVEY NOTES SHOW THE FOLLOWING INFORMATION:

- 1) 1,320.5' EAST TO THE STONE HE FOUND IN PLACE AT THE SOUTHEAST CORNER OF THE SW1/4 OF THE SW1/4 OF SECTION 20-19-11
- 6) STEVEN S. BROSEMER, L.S. 752, IN A LAND SURVEY REFERENCE REPORT DATED DECEMBER 10, 1985, FOR JOB NUMBER 85145, SURVEY F19002 IN THE SURVEY FILE FOR SECTIONS 17-36 IN TOWNSHIP 19-11 FOR THE NORTH 390.5 FEET OF THE EAST 390.5 FEET OF THE NORTHEAST QUARTER OF SECTION 19 AND RECORDED IN VOLUME 421 ON PAGE 412 IN THE REGISTER OF DEEDS OFFICE ON DECEMBER 18, 1985, SAID THAT THE SOUTHEAST CORNER OF SECTION 19-19-11 FALLS IN THE COTTONWOOD RIVER AN IS **LOST**.

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 4,984.35' NORTH TO THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET FOR THE SOUTHEAST CORNER OF THE 3.5 ACRE TRACT, AS WITNESSED BY THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET AT 20' WEST ON THE WEST RIGHT-OF-WAY LINE OF A PUBLIC ROAD
 - 2) 5,284.85' NORTH TO THE 1/2" REBAR HE FOUND AT THE NORTHEAST CORNER OF SECTION 19-19-11 FROM A PREVIOUS SURVEY
- 7) STEVEN S. BROSEMER, L.S. 752, IN SURVEY F29004 IN THE SURVEY FILE FOR SECTIONS 17-36 IN TOWNSHIP 19-11 FOR A PLAT OF SURVEY TO RELOCATE THE NORTHEAST CORNER OF SECTION 30-19-11 FOR PROJECT NUMBER 85138 DATED NOVEMBER 4, 1985, SAID THAT HE DETERMINED THAT THE NORTHEAST CORNER OF SECTION 19-19-11 FALLS IN THE COTTONWOOD RIVER AND WAS **OBLITERATED** AND NOT LOST. HIS *REPORT OF SURVEY* SAID THAT THE POSITION FOR THE CORNER WAS INDICATED BY AN EXTENSION OF THE FENCE TO THE WEST AND 20 FEET WEST OF THE HEDGE AND FENCE TO THE SOUTH NEAR THE CORNER. HE SAID THAT THIS POSITION PRORATED WELL WITH MILLIKEN'S 2 SURVEYS IN THE 1870'S. MILLIKEN HAD 5,324 FEET ALONG THE EAST SIDE OF SECTION 30-19-11 AND 5,312 FEET ALONG THE EAST SIDE OF SECTION 19-19-11. **HE SET THE FOLLOWING TWO WITNESS CORNERS:**

A) **1/2" X 24" REBAR & CAP AT WITNESS CORNER**

- 1) **190.0' EAST TO THE TRUE CORNER**
- 2) 6.5' WEST TO A CORNER FENCE POST
- 3) IN LINE WITH A FENCE TO THE WEST

B) **1-1/2" GAS PIPE AT WITNESS CORNER**

- 1) **100.0' NORTH TO THE TRUE CORNER**
- 2) 20.0' EAST TO A LINE OF HEDGE NORTH-SOUTH
- 3) 2.0' WEST TO THE TRAVELED WAY OF THE ROAD TO THE SOUTH

HIS SURVEY DRAWING SHOWS THE FOLLOWING DISTANCES FROM THE TRUE POSITION FOR THE NORTHEAST CORNER OF SECTION 19-19-11:

- 1) 5,284.85' NORTH TO THE 1/2" REBAR HE SET TO REPLACE A SPIKE & WASHER HE FOUND IN THE ASPHALT AT THE NORTHEAST CORNER OF SECTION 19-19-11
 - 2) 1,930.65' SOUTH TO THE 1-1/2" GAS PIPE HE FOUND THAT WAS SET BY W. S. RUGGLES IN PERMANENT SURVEY BOOK "D" ON PAGE 82 IN 1920 FOR THE NORTHEAST TRACT CORNER
 - 3) 2,652.0' SOUTH TO THE 1-1/2" GAS PIPE HE FOUND WITH A 4' CHANNEL POST SET OVER THE GAS PIPE AT THE EAST 1/4 CORNER OF SECTION 30-19-11 THAT WAS SET BY RUGGLES IN PERMANENT SURVEY BOOK "D" ON PAGE 82 IN 1920
 - 4) 5,292.83' SOUTH TO THE 1/2" SQUARE REBAR HE FOUND AT THE SOUTHEAST CORNER OF SECTION 30-19-11, ATTRIBUTABLE TO AI CHAMNESS
- 8) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED JANUARY, 1997, FOR JOB NUMBER 95024-02, THE GPS SURVEY OF EMPORIA AND LOCAL AREA, SAID THAT HE DETERMINED THAT THE SOUTHWEST CORNER OF SECTION 20-19-11 FALLS IN THE COTTONWOOD RIVER. **HE SET A 5/8" X 24" REBAR AS A WITNESS CORNER AT 100.00 FEET SOUTH OF THE TRUE CORNER.**
- 1) STATE PLANE COORDINATES IN U.S. FEET-GROUND LEVEL
NORTH = 1942616.444 EAST = 1964082.465
 - 2) **100' NORTH TO THE TRUE CORNER**
 - 3) 21.4' ESE TO A SPIKE & WASHER IN THE NORTH SIDE OF A WHITE OAK TREE
 - 4) 27.4' NW TO A SPIKE & WASHER IN THE WEST SIDE OF AN ELM TREE
 - 5) 137.7' SSW TO A SPIKE IN A POWER POLE
- 9) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN SURVEY F29005 IN THE SURVEY FILE FOR SECTIONS 17-36 IN TOWNSHIP 19-11 FOR A SURVEY FOR A ROAD CHANGE IN THE NORTHWEST QUARTER OF SECTION 29-19-11 FOR THE LYON COUNTY ROAD & BRIDGE DEPARTMENT, SHOWS ON HIS SURVEY DRAWING THAT **HE FOUND THE 5/8" WITNESS REBAR LOCATED 100' SOUTH OF THE TRUE POSITION** OF THE NORTHWEST CORNER OF SECTION 29-19-11. HIS TIES ARE MISSING FROM THE SURVEY TIE FILES.
- HIS SURVEY DRAWING SHOWS THE FOLLOWING DISTANCES FROM THE TRUE POSITION FOR THE NORTHWEST CORNER OF SECTION 29-19-11:
- 1) 2,634.19' EAST TO THE THEORETICAL POSITION FOR THE NORTH 1/4 CORNER OF SECTION 29-19-11 – FALLS IN THE RIVER
 - 2) 3,306.72' EAST TO THE STONE HE FOUND
 - 3) 5,268.38' EAST TO THE 5/8" REBAR OVER THE STONE HE FOUND AT THE NORTHEAST CORNER OF SECTION 29-19-11
 - 4) 2,651.87' SOUTH TO THE 5/8" REBAR WITH A LYON COUNTY CAP HE FOUND AT THE WEST 1/4 CORNER OF SECTION 29-19-11
- 10) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN LAND SURVEY REFERENCE REPORT DATED DECEMBER 11, 2006, FOR PROJECT NUMBER 06430-02, SURVEY F30002 IN THE SURVEY FILE FOR SECTIONS 17-36 IN TOWNSHIP 19-11 TO STAKE THE WEST LINE OF THE ROAD OPENING IN THE NORTHEAST QUARTER OF SECTION 30-19-11 FOR THE LYON COUNTY ROAD & BRIDGE DEPARTMENT, SAID THAT **HE FOUND THE 5/8" REBAR AT THE WITNESS CORNER** TO THE NORTHEAST CORNER OF SECTION 30-19-11.
- 1) **100' NORTH TO THE TRUE CORNER**
 - 2) 36' NORTH TO THE SOUTH BANK OF THE COTTONWOOD RIVER
 - 3) 2.0' WEST TO THE TRAVELED WAY OF THE GRAVEL ROAD TO THE SOUTH
 - 4) 26.6' NNE TO A SPIKE IN A 36" TRIPLE ELM TREE
 - 5) 24.55' SSE TO A SPIKE IN A 12" HACKBERRY TREE
 - 6) 17.55' NNW TO A SPIKE IN THE EAST GUARD POST

HIS DRAWING SHOWS THE FOLLOWING DISTANCE FROM THE TRUE POSITION FOR THE NORTHEAST CORNER OF SECTION 30-19-11:

- 1) 2,551.80' SOUTH TO THE CHANNEL POST OVER THE GAS PIPE HE FOUND AT THE SOUTHEAST CORNER OF THE NE1/4 OF SECTION 30-19-11
- 11) RICHARD J. IMAN, L.S. 1450, OF BG CONSULTANTS, INC. IN A LAND SURVEY REFERENCE DATED JANUARY 19, 2010 FOR PROJECT NUMBER 10-1031E, SAID THAT THE TRUE POSITION FOR THE SOUTHEAST CORNER OF SECTION 19-19-11 FALLS IN THE COTTONWOOD RIVER. **HE COMPUTED** THE POSITION FOR THIS CORNER USING REFERENCES FROM STEVEN S. BROSEMER DATED 12-10-85 AND 12-20-06.
- 1) **TIES ARE FROM THE SOUTH WITNESS CORNER** [5/8" REBAR]
 - 2) 36' NORTH TO THE SOUTH BANK OF THE COTTONWOOD RIVER
 - 3) 2.0' WEST TO THE TRAVELED WAY OF THE GRAVEL ROAD TO THE SOUTH
 - 3) 26.6' NNE TO A FOUND SPIKE IN A 36" TRIPLE ELM TREE
 - 4) 24.6' SSE TO A FOUND SPIKE IN A 12" HACKBERRY TREE
 - 5) 17.55' NNW TO A FOUND SPIKE IN THE EAST GUARD POST
- 12) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED APRIL 8, 2011 FOR PROJECT NUMBER 11071-02, A SURVEY OF PART OF TRACT 2 AND ALL OF TRACT 3 IN SECTION 20-19-11 FOR JOHN & BROCK KRETSINGER, SURVEY F20003 IN THE SURVEY FILE FOR SECTIONS 17-36 IN TOWNSHIP 19-11, SAID THAT **HE FOUND THE 5/8" REBAR WITNESS CORNER** FOR THE SOUTHWEST CORNER OF SECTION 20-19-11 FROM HIS EXISTING REFERENCE TIES ON FILE AT THE COUNTY SURVEYOR'S OFFICE. [HE NOTED THAT HE HAD RESET THIS WITNESS CORNER IN 2006]
- 1) **100.00' NORTH TO THE TRUE CORNER**
 - 2) 36' NORTH TO THE SOUTH BANK OF THE COTTONWOOD RIVER
 - 3) 2' WEST TO THE TRAVELED WAY OF THE ROAD TO THE SOUTH
 - 4) 26.6' NNE TO A SPIKE IN A 36" TRIPLE ELM TREE
 - 5) 24.55' SSE TO A SPIKE IN A 12" HACKBERRY TREE
 - 6) 17.55' NNW TO A SPIKE IN THE EAST GUARD POST
- HIS DRAWING SHOWS THE FOLLOWING INFORMATION FROM THE TRUE POSITION FOR THE SOUTHWEST CORNER OF SECTION 20-19-11"
- 1) 2,642.56' NORTH TO THE THEORETICAL POSITION FOR THE NORTHWEST CORNER OF THE SW1/4 OF SECTION 20-19-11
 - 2) 5,285.12' NORTH TO THE 5/8" REBAR WITH LYON COUNTY CAP HE FOUND AT THE NORTHWEST CORNER OF THE NW1/4 OF SECTION 20-19-11
 - 3) 2,634.34' EAST TO THE THEORETICAL POSITION FOR THE SOUTHWEST CORNER OF THE SE1/4 OF SECTION 20-19-11
 - 4) 5,268.68' EAST TO THE 5/8" REBAR WITH LYON COUNTY CAP HE FOUND AT THE SOUTHEAST CORNER OF THE SE1/4 OF SECTION 20-19-11
- 13) RONALD J. SHANKS, P.S. 1255 OF BARTLETT & WEST IN A LAND SURVEY REFERENCE REPORT DATED DECEMBER 14, 2015 FOR PROJECT NUMBER 16521-2252, SAID THAT **HE FOUND THE EXISTING WITNESS CORNER 5/8" REBAR 100.00' SOUTH ON EH EXTENSION OF THE WEST LINE OF THE SOUTHWEST 1/4** AT THE SOUTHWEST CORNER OF SECTION 20-19-11 FROM A LAND SURVEY REFERENCE REPORT BY PS #752 DATED 4-1-2011. HE SENT THE FOLLOWING **HORIZONTAL TIES:**
- 1) NAD 83 COORDINATES: NORTH: 1942616.000000 EAST: 1964082.600000
 - 2) 21.44' ESE TO A 60 D NAIL IN THE NORTH FACE OF A 30" OAK TREE
 - 3) 39.63' NE TO A 60 D NIL IN THE SOUTHEAST FACE OF A 12" HACKBERRY TREE
 - 4) 24.81' SE TO A MAG NAIL IN THE TOP OF A 15" HACKBERRY STUMP
 - 5) 36' NORTH TO THE SOUTH HIGH BANK OF THE COTTONWOOD RIVER
 - 6) 2' WEST OF THE TRAVELED WAY OF THE GRAVEL ROAD TO THE SOUTH
 - 7) 1' BELOW GROUND SURFACE

NORTHWEST CORNER SECTION 29-19-11