

**NORTHWEST CORNER SECTION 28, TOWNSHIP 18 SOUTH, RANGE 13 EAST**

- 1) ON PAGE 640 OF THE GLO ORIGINAL FIELD NOTES IN THE DRAFTING ROOM IN THE COUNTY ENGINEER'S OFFICE IT STATES THAT **THEY SET A LIMESTONE 20" X 10" X 3"** FOR THE CORNER TO SECTIONS 20, 21, 28 & 29-18-13 ON OCTOBER 19, 1860.

**THE GOVERNMENT SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:**

- 1) 40.00 CHAINS SOUTH TO THE 16" X 12" X 4" LIMESTONE THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 28 & 29-18-13
  - 2) 80.00 CHAINS SOUTH TO THE 20" X 12" X 3" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 28, 29, 32 & 33-18-13
  - 3) 40.00 CHAINS EAST TO THE 18" X 6" X 6" LIMESTONE THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 21 & 28-18-13
  - 4) 80.00 CHAINS EAST TO THE 20" X 14" X 2" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 21, 22, 27 & 28-18-13
- 2) J. H. HIBBEN, COUNTY SURVEYOR FROM 1875 TO 1882, IN A ROAD SURVEY FOR A COUNTY ROAD IN TOWNSHIPS 18 & 19, RANGE 13 RECORDED IN SURVEY BOOK "C" ON THE RIGHT SIDE OF PAGE 151 DATED MARCH 11, 1878, APPARENTLY **FOUND THE EXISTING STONE** AT THE NORTHWEST CORNER OF SECTION 28-18-13 ON THIS ROAD SURVEY.

**THE ROAD IS DESCRIBED AS FOLLOWS:**

- 1) COMMENCING AT THE SOUTHEAST CORNER OF SECTION 8-19-13, I RAN NORTH ON THE SECTION LINE 4 MILES TO THE NORTHWEST CORNER OF SECTION 28-18-13; THENCE EAST ALONG THE SOUTH LINE OF SECTION 21-18-13 TO THE NORTHEAST CORNER OF SECTION 28-18-13; THENCE NORTH ON THE SECTION LINES 2 MILES TO THE NORTHWEST CORNER OF SECTION 15-18-13; THENCE EAST 1/2 MILE TO THE SOUTHEAST CORNER OF THE SW1/4 OF SECTION 10-18-13; THENCE NORTH ONE MILE TO THE 1/4 CORNER ON THE NORTH LINE OF SECTION 10-18-13; THENCE EAST ON THE SECTION LINE UNTIL I INTERSECTED WHAT IS KNOWN AS CHESTNUT STREET IN THE TOWN OF READING [AT THE TERMINUS OF THIS ROAD SURVEY]
- 2) **NOTE:** HIS SURVEY PLAT INDICATES THAT HE RAN ABOUT 1/4 OF A MILE EAST FROM THE 1/4 CORNER ON THE NORTH LINE OF SECTION 10-18-13, THEN NORTH UNTIL HE INTERSECTED CHESTNUT STREET, SO HE MAY HAVE LEFT OUT THIS CALL IN HIS SURVEY NOTES. WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR

- 3) H. D. PRESTON, OSAGE COUNTY SURVEYOR, IN A ROAD SURVEY RECORDED IN ROAD RECORD BOOK "A" ON PAGES 65 & 66 AND DATED JULY 1886 FOR THE SURVEY OF THE STATE ROAD FROM 110 MILE CREEK IN OSAGE COUNTY TO ELMENDARO IN LYON COUNTY, SAID THAT **HE FOUND THE EXISTING STONE** AT THE NORTHWEST CORNER OF SECTION 28-18-13 ON THIS ROAD SURVEY.

- 4) J. H. HIBBEN, COUNTY SURVEYOR FROM 1875 TO 1882, IN A ROAD SURVEY RECORDED IN SURVEY BOOK "C" ON THE RIGHT SIDE OF PAGE 235 BUT NOT DATED, FOR A ROAD SURVEY IN TOWNSHIP 18, RANGES 12 & 13, APPARENTLY **FOUND THE EXISTING STONE** AT THE NORTHEAST CORNER OF SECTION 29-18-13 ON THIS ROAD SURVEY.

**THE ROAD IS DESCRIBED AS FOLLOWS:**

- 1) COMMENCING AT THE NORTHWEST CORNER OF SECTION 27-18-12, I RAN EAST VARIANCE 10°45' 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 27-18-12; HENCE S. 74° E. 327 FEET; THENCE N. 65° E. 625 FEET; THENCE EAST ON THE SECTION LINE TO THE NORTHEAST CORNER OF SECTION 26-18-12; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 25-18-12 [ON THE RANGE LINE]; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 30-18-13; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF

SECTION 29-18-13; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 28-18-13; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 27-18-13 TO THE COUNTY LINE [AT THE TERMINUS OF THIS ROAD SURVEY].

- 5) J. H. HIBBEN, COUNTY SURVEYOR FROM 1875 TO 1882, IN A ROAD SURVEY FOR ROAD NUMBER 153 RECORDED IN ROAD RECORD BOOK "B" ON PAGES 198 TO 200 PETITION BY I. G. ROBINSON AND OTHERS FOR A COUNTY ROAD IN TOWNSHIP 18, RANGES 12 & 13 [PACKET 434 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] THAT HE SURVEYED ON DECEMBER 26, 1881, WAS ESTABLISHED ON JANUARY 10, 1882 AS NOTED BY HUGH F. HOLMES, CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS, AND RECORDED ON JANUARY 12, 1882 BY WILLIAM F. EWING, COUNTY CLERK, APPARENTLY **FOUND THE EXISTING STONE** AT THE NORTHEAST CORNER OF SECTION 29-18-13 ON THIS ROAD SURVEY.

THE ROAD IS DESCRIBED AS FOLLOWS:

- 1) COMMENCING AT THE NORTHWEST CORNER OF SECTION 27-18-12, I RAN EAST VARIANCE 10°45' 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 27-18-12; HENCE S. 74° E. 327 FEET; THENCE N. 65° E. 625 FEET; THENCE EAST ON THE SECTION LINE TO THE NORTHEAST CORNER OF SECTION 26-18-12; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 25-18-12 [ON THE RANGE LINE]; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 30-18-13; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 29-18-13; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 28-18-13; THENCE EAST 5,280 FEET TO THE NORTHEAST CORNER OF SECTION 27-18-13 TO THE COUNTY LINE [AT THE TERMINUS OF THIS ROAD SURVEY].
- 2) THE VIEWERS REPORTED IN FAVOR OF LOCATING THE ROAD AS BEING NECESSARY FOR PUBLIC USE.
- 3) THE VIEWERS FURTHER DETERMINED THAT IF SAID ROAD BE LOCATED THAT ITS WIDTH SHALL BE FIFTY (50) FEET.

- 6) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN A ROAD SURVEY FOR ROAD NUMBER 168 RECORDED IN ROAD RECORD BOOK "B" ON PAGES 258 TO 260 [PACKET 433 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] PETITIONED BY WILLIAM CALDWELL AND OTHERS FOR THREE (3) ROADS IN TOWNSHIP 18-13 THAT HE SURVEYED ON MAY 18 & 19, 1882, WAS ESTABLISHED ON JULY 14, 1882 AS NOTED BY HUGH F. HOLMES, CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS, AND RECORDED ON JULY 21, 1882 BY WILLIAM F. EWING, COUNTY CLERK, SAID THAT **HE FOUND THE EXISTING GOVERNMENT STONE "IN PLACE"** AT THE NORTHWEST CORNER OF SECTION 28-18-13 TO COMMENCE THE FIRST ROAD ON THIS ROAD SURVEY.

HIS FIELD NOTES SHOWS THE FOLLOWING INFORMATION:

- 1) THE FIRST ROAD: FROM THE CORNER TO SECTIONS 20-21-28 & 29 TOWNSHIP 18 RANGE 13, I RAN NORTH ON THE SECTION LINES THREE MILES FINDING THE GOVERNMENT CORNERS ALL IN PLACE; FROM THE SOUTHWEST CORNER OF SECTION 4-18-13 I RAN NORTH ON THE SECTION LINE 2,285 FEET A RAVINE NORTH ALONG LINE ABOUT 125 FEET – 2,584 FEET SAME RAVINE RUNS EAST – 2,705 FEET THE CENTER TRACKS OF THE A. T. & S. F. RAILROAD – 5,284 FEET THE CORNER BETWEEN SECTIONS 4 & 5-18-13 ON THE TOWNSHIP LINE AT THE TERMINUS OF THE FIRST ROAD.
- 2) THE VIEWERS REPORTED IN FAVOR OF LOCATING THE FIRST ROAD AS IT IS A PUBLIC NECESSITY
- 3) THE VIEWERS DETERMINED THAT IF THE SAID FIRST ROAD BE LOCATED AND OPENED THAT ITS WIDTH SHALL BE SIXTY (6) FEET EXCEPT THAT PART ON THE LINE BETWEEN SECTIONS 4 & 5 FOR 1,000 FEET SOUTH OF THE RAILROAD

LIMIT WHERE IT SHALL BE 80 FEET, 30 FEET WEST OF THE SECTION LINE AND 50 FEET EAST OF SAME

- 4) THE THIRD ROUTE CALLED FOR IS IMPRACTICABLE ON ACCORD OF A EVIDENT MISTAKE IN THE DESCRIPTION OF THE COURSE.
  
- 7) R. H. EDMISTON, COUNTY SURVEYOR FROM 1884 TO 1887, IN AN **INFORMAL SURVEY** RECORDED IN SURVEY BOOK "E" ON PAGE 5 AND DATED FEBRUARY 1884, SAID THAT **HE FOUND THE EXISTING STONE** AT THE NORTHWEST CORNER OF SECTION 28-18-13 TO BEGIN THIS **INFORMAL SURVEY** FOR THE FREE METHODIST COLLEGE GROUNDS.
  
- 8) E. C. GOLDSMITH, COUNTY ENGINEER FROM 1944 TO 1949, BY LESLIE M. GOULD, L.S. 142, DEPUTY COUNTY SURVEYOR, IN AN **INFORMAL SURVEY** RECORDED IN PERMANENT SURVEY BOOK 1 ON PAGE 147 AT THE REQUEST OF B. F. PRICE OF READING, KANSAS TO LOCATE THE SOUTH LINE OF SECTION 29-18-13 AND EAST LINES OF SECTIONS 20 AND 29-18-13, SAID THAT **HE SET A 3/4" DIAMETER IRON BAR** FOR THE NORTHEAST CORNER OF SECTION 29-18-13 ON THIS **INFORMAL SURVEY**. **[NOTE: SEE THE SURVEY FOR THE METHODOLOGY HE USED TO ESTABLISH THIS SECTION CORNER. WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR]**
  - 1) 41.8' SW TO A REBAR
  - 2) 37.4' SE TO A REBAR

**HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:**

  - 1) 5,321.0' WEST TO THE STONE HE FOUND IN PLACE AT THE SOUTHWEST CORNER OF SECTION 20-18-13, WITNESSED AS FOLLOWS: 24.5' SOUTH TO A 9" ELM TREE; 22.3' SE TO A 10" ELM TREE; 16' NORTH TO A CORNER FENCE POST; AND 29' SOUTH TO A CORNER FENCE POST
  - 2) 5,286.0' NORTH TO THE 3/4" DIAMETER IRON BAR HE SET FOR THE NORTHEAST CORNER OF SECTION 20-18-13, WITNESSED AS FOLLOWS: 37.4' NE TO A REBAR; 21.8' SE TO A REBAR; AND 32' SW TO A SPIKE IN A TELEPHONE POLE
  - 3) 10,572.0' NORTH TO THE STONE HE FOUND IN PLACE AT THE SOUTHWEST CORNER OF SECTION 9-18-13, WITNESSED AS FOLLOWS: 50' NE TO A REBAR; AND 50' SE TO A REBAR
  - 4) 5,301.0' EAST TO THE STONE HE FOUND IN PLACE AT THE NORTHWEST CORNER OF SECTION 27-18-14, WITNESSED AS FOLLOWS: 40' NW TO A REBAR; AND 35' SW TO A REBAR
  - 5) 5,294.0' SOUTH TO THE 3/4" DIAMETER IRON BAR HE SET FOR THE SOUTHEAST CORNER OF SECTION 29-18-13, WITNESSED AS FOLLOWS: 41.6' NE TO A REBAR; AND 40.8' SE TO A REBAR
  - 6) 10,588.0' SOUTH TO THE CENTER OF THE COUNTY ROAD RUNNING EAST AT THE SOUTHEAST CORNER OF SECTION 32-18-13 ON THE TOWNSHIP LINE – NO ESTABLISHED CORNER FOUND
  
- 9) THE KRETSINGER REFERENCE TIE BOOK FOR TOWNSHIP 18-13 SHOWS A **3/4" IRON PIN** AT THE "SE CORNER SECTION 20-18-13", BUT THERE IS NO DATE ON THIS ENTRY.
  - 1) 41.8' SW TO AN IRON PIN 1 FOOT NORTH OF A FENCE POST
  - 2) 37.4' SE TO AN IRON PIN AT EAST END OF BRACES
  
- 10) STEVEN S. BROSEMER, L.S. 752, IN A LAND SURVEY REFERENCE REPORT DATED AUGUST 24, 1983, SAID THAT **HE FOUND THE EXISTING 3/4" IRON PIN AT 3" DEEP** AT THE NORTHWEST CORNER OF SECTION 28-18-13 WHICH WAS SET BY E. C. GOLDSMITH, COUNTY ENGINEER FROM 1944 TO 1949 AND LESLIE M. GOULD, L.S. 142, IN THE PERMANENT SURVEY AS RECORDED IN PERMANENT SURVEY BOOK 1 ON PAGE 147.

HIS TIES ARE ON PAGE 4

- 1) 41.1' SW TO THE NEAR FACE OF A 6" DIAMETER STEEL GATE POST SET IN CONCRETE
  - 2) 26.2' SOUTH TO A LINE OF FENCES EAST AND WEST [EXTENDED]
  - 3) 26.8' EAST TO A LINE OF FENCE TO THE SOUTH [EXTENDED]
  - 4) 20.5' NORTH TO A LINE OF FENCE TO THE EAST [EXTENDED]
  - 5) 31.0' WEST TO A LINE OF FENCE TO THE NORTH AND SOUTH
  - 6) 2,655.55' SOUTH TO THE WEST 1/4 CORNER OF SECTION 28-18-13
  - 7) 2,633.0' EAST TO THE NORTH 1/4 CORNER OF SECTION 28-18-13
- 11) STEVEN S. BROSEMER, P.S. 752, IN A LAND SURVEY REFERENCE REPORT DATED JUNE 20, 2016 FOR PROJECT NUMBER 16131-02, THE SURVEY OF A PROPOSED ROAD VACATION ON THE NORTH LINE OF SECTIONS 29 AND 30, TOWNSHIP 18, RANGE 13 FOR THE LYON COUNTY ROAD AND BRIDGE DEPARTMENT, SURVEY F29001 IN THE SURVEY FILE FOR TOWNSHIP 18-13, SAID THAT **HE FOUND THE EXISTING RECORD 3/4" IRON BAR** AT THE SOUTHEAST CORNER OF SECTION 20-18-13 FROM HIS EXISTING REFERENCE TIES IN 1983 ON FILE AT THE LYON COUNTY ENGINEER'S OFFICE FROM THE INFORMAL SURVEY BY GOLDSMITH IN 1941 [PERMANENT SURVEY BOOK 1 ON PAGE 147].
- 1) 39.80' SE TO A CONCRETE NAIL & BOTTLECAP IN THE TOP OF A CORNER FENCE POST
  - 2) 31.30' WSW TO A CONCRETE NAIL & BOTTLECAP IN THE SOUTH GATE POST
  - 3) 37.55' NW TO A CONCRETE NAIL & BOTTLECAP IN A BRACE POST
  - 4) 40.0' SW TO THE NEAR FACE OF THE NORTH PIPE GATE POST
  - 5) 4.0' WEST TO THE CENTERLINE OF THE TRAVELED WAY OF COUNTY ROAD "X" NORTH-SOUTH
  - 6) 4.0' SOUTH TO THE CENTERLINE OF THE TRAVELED WAY OF COUNTY ROAD 210 TO THE EAST
  - 7) TRUE STATE PLANE COORDINATES:  
     NORTHING = 1976175.099      EASTING = 2031784.273
- HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:
- 1) 2,658.56' WEST TO THE 1" SQUARE IRON PIN HE FOUND AT THE SOUTHWEST CORNER OF THE SE1/4 OF SECTION 20-18-13. 24.7' NORTH TO A FENCE WEST, 25' SOUTH TO A FENCE EAST, AND 0.5' EAST TO A FENCE NORTH-SOUTH
  - 2) 5,318.28' [5,321.0' GOLDSMITH, 80.30 CHAINS GLO] WEST TO THE 5/8" X 24" REBAR WITH A LYON COUNTY CAP HE SET FOR THE SOUTHWEST CORNER OF THE SW1/4 OF SECTION 20-18-13. 2' EAST TO A LINE OF FENCE NORTH-SOUTH, 29' SOUTH TO A PIPE CORNER POST, AND 16' NORTH TO A HEDGE CORNER POST
  - 3) 7,965.09' WEST TO THE 5/8" X 24" REBAR WITH A LYON COUNTY CAP HE SET FOR THE SOUTHWEST CORNER OF THE SE1/4 OF SECTION 19-18-13
  - 4) 8,203.28' WST TO THE 5/8" X 24" REBAR WITH A LYON COUNTY CAP HE SET AT THE INTERSECTION OF THE WEST BOUNDARY OF THE SAC & FOX TRUST LANDS WITH THE SOUTH LINE OF THE SW1/4 OF SECTION 19-18-13
  - 5) 10,561.46' WEST TO THE 1/2" REBAR WITH "PS 1168" CAP HE FOUND AT THE NORTHWEST CORNER OF THE NW1/4 OF SECTION 30-18-13 ON THE RANGE LINE

NORTHWEST CORNER 28-18-13