

**NORTHWEST CORNER SECTION 04, TOWNSHIP 20 SOUTH, RANGE 12 EAST**

- 1) ON PAGE 63 OF THE GLO ORIGINAL FIELD NOTES IN THE DRAFTING ROOM IN THE COUNTY ENGINEER'S OFFICE IT STATES THAT **THEY SET A LIMESTONE 17" X 9" X 5"** FOR THE CORNER TO SECTIONS 4 & 5-20-12 ON THE TOWNSHIP LINE ON DECEMBER 6, 1856.  
THE GOVERNMENT SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:
  - 1) 40.00 CHAINS EAST ON THE TOWNSHIP LINE TO THE 21" X 8" X 5" LIMESTONE THEY SET FOR THE NORTH 1/4 CORNER OF SECTION 4-20-12
  - 2) 80.00 CHAINS EAST ON THE TOWNSHIP LINE TO THE 24" X 9" X 3-1/2" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 3 & 4-20-12
  - 3) 40.10 CHAINS SOUTH TO THE 19" X 15" X 2" LIMESTONE THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 4 & 5-20-12
  - 4) 80.10 CHAINS SOUTH TO THE 24" X 15" X 2" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 4, 5, 8 & 9-20-12
  
- 2) IN ROAD RECORD BOOK "A" ON PAGE 127 [PACKET 242 IN THE VAULT IN THE COUNTY ENGINEERS OFFICE] FOR THE SECOND ROAD ON A PETITION BY G. D. HUMPHREY AND OTHERS FOR SECTION LINE ROADS IN TOWNSHIPS 18-12 & 19-12 WITHOUT A SURVEY, THE BOARD OF COUNTY COMMISSIONERS ORDERED THE SECTION LINES FOR THE THIRD ROAD DECLARED PUBLIC HIGHWAYS ESTABLISHED ON JUNE 22, 1869 IN THE COMMISSIONERS JOURNAL ON PAGE 269. THE LAW OF 1869 PROVIDES 40 FEET WIDTH ON SECTION LINE ROADS. THE THIRD ROAD COMMENCED ON THE LAWRENCE AND EMPORIA ROAD AT A POINT WHERE SAID ROAD CROSSES THE LINE BETWEEN FREMONT AND WATERLOO TOWNSHIPS, THENCE RUNNING SOUTH ON SAID LINE DIVIDING THE TOWNSHIP OF FREMONT FROM THE TOWNSHIP OF JACKSON, AND THE TOWNSHIP OF EMPORIA FROM THE TOWNSHIP OF JACKSON, UNTIL IT INTERSECTS A ROAD ESTABLISHED FROM HARTFORD TO EMPORIA [AT THE SOUTHWEST CORNER OF SECTION 33-19-12 ON THE TOWNSHIP LINE].
  - 1) THIS THIRD ROAD RUNS NORTH ON THE SECTION LINES TO THE POINT WHERE THE LAWRENCE AND EMPORIA ROAD CROSSES THE LINE BETWEEN FREMONT AND WATERLOO ON THE WEST LINE OF SECTION 4-18-12
  
- 3) D. T. McAULEY, COUNTY SURVEYOR FROM 1867 TO 1870, IN A ROAD SURVEY RECORDED IN ROAD RECORD BOOK "A" ON PAGES 131 & 132 [PACKET 261 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] PETITIONED BY W. H. PRIEST AND OTHERS FOR THE HARTFORD TO EMPORIA ROAD THAT WAS SURVEYED APRIL 29 & 30 AND MAY 1, 1869, WAS RECORDED IN THE COMMISSIONERS JOURNAL ON PAGE 272, AND ESTABLISHED AS A PUBLIC HIGHWAY ON JULY 5, 1869 AND FILED AND RECORDED ON JULY 5, 1969 BY J. L. WILLIAMS, COUNTY CLERK. HE NOTED THAT THE WIDTH FROM THE BEGINNING OF THIS ROAD SURVEY AT THE CENTER CORNER OF SECTION 15-20-13 TO THE SOUTHEAST CORNER OF SECTION 19-1-12 WAS TO BE 60 FEET WIDE, AND THE REMAINDER OF THE ROAD TO THE TERMINUS AT THE SOUTH BOUNDARY OF EMPORIA TOWNSITE WAS "TO CONFORM TO THE WIDTH OF A ROAD ALREADY ESTABLISHED, IT INTERSECTING A COUNTY ROAD" AT THE TERMINUS OF THIS ROAD SURVEY.  
HIS SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:
  - 1) THIS ROAD EXTENDS WEST ON THE TOWNSHIP LINE TO THE NORTH 1/4 CORNER OF SECTION 5-20-12 AT A TURN TO THE NORTHWESTERLY AROUND THE RIVER TO INTERSECT THE SECTION LINES AT 488 RODS SOUTH OF THE NORTHEAST CORNER OF SECTION 19-19-12
  - 2) THIS ROAD EXTENDS EAST ON THE TOWNSHIP LINE WITH A TURN AROUND COAL CREEK TO THE NORTHWEST CORNER OF SECTION 3-20-12 AT A TURN TO THE SOUTHEASTERLY TO THE NORTHWEST CORNER OF SECTION 11-20-12

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- 4) C. H. RICE, DEPUTY COUNTY SURVEYOR, IN A ROAD SURVEY RECORDED IN SURVEY BOOK "F" ON PAGE 7 DATED MAY 27 & 31, 1882, FOR A ROAD IN TOWNSHIP 20-12, SAID THAT **HE FOUND THE STONE** AT THE NORTHWEST CORNER OF SECTIONS 4-20-12 ON THE TOWNSHIP LINE TO END THIS ROAD SURVEY. HIS SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:
- 1) 80.10 CHAINS SOUTH TO THE STONE HE FOUND AT THE NORTHWEST CORNER OF SECTION 9-20-12
  - 2) 160.28 CHAINS SOUTH TO THE STONE HE FOUND AT THE NORTHWEST CORNER OF SECTION 16-20-12
  - 3) 240.28 CHAINS SOUTH TO THE STONE HE FOUND AT THE NORTHWEST CORNER OF SECTION 21-21-12
  - 4) 320.06 CHAINS SOUTH TO THE STONE HE FOUND AT THE NORTHWEST CORNER OF SECTION 28-20-12
  - 5) 399.76 CHAINS SOUTH TO THE STONE HE FOUND AT THE NORTHWEST CORNER OF SECTION 33-20-12
  - 6) 439.51 CHAINS SOUTH TO THE STONE HE SET FOR THE WEST 1/4 CORNER OF SECTION 33-20-12 FOR THE BEGINNING POINT ON THIS ROAD SURVEY
  - 7) 479.26 CHAINS SOUTH TO THE STONE HE FOUND AT THE SOUTHWEST CORNER OF SECTION 33-20-12 ON THE 4<sup>TH</sup> STANDARD PARALLEL
- 5) C. H. RICE, DEPUTY COUNTY SURVEYOR, IN A ROAD SURVEY FOR ROAD NUMBER 173 RECORDED IN ROAD RECORD BOOK "B" ON PAGES 278 TO 280 PETITION BY L. A. YEAGER AND OTHERS FOR A COUNTY ROAD IN TOWNSHIP 20-12 [PACKET 415 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] THAT HE SURVEYED ON MAY 27, 1882, WAS ESTABLISHED AS A 40 FOOT, 50 FOOT AND 60 FOOT WIDE ROAD ON JULY 15, 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 STONE** AT THE NORTHEAST CORNER OF SECTION 5-20-12 ON THE TOWNSHIP LINE TO END THIS ROAD SURVEY. HIS SURVEY NOTES SHOWS THE FOLLOWING INFORMATION
- 1) THIS ROAD EXTENDS SOUTH ON THE SECTION LINE AS A 40 FOOT WIDE ROAD – 30 FEET ON THE WEST SIDE AND 10 FEET ON THE EAST SIDE OF THE SECTION LINE – FOR 1/2 MILE TO THE 1/4 CORNER ON THE WEST SIDE OF SECTION 4-20-12; THEN EXTENDS SOUTH ON THE SECTION LINE AS A 40 FOOT WIDE ROAD TO THE SOUTHWEST CORNER OF SECTION 4-20-12; THEN EXTENDS SOUTH ON THE SECTION LINE AS A 60 FOOT WIDE ROAD FOR 3-1/4 MILES; THEN EXTENDS SOUTH ON THE SECTION LINE AS A 50 FOOT WIDE ROAD – 30 FEET ON THE WEST AND 20 FEET ON THE EAST SIDE OF THE SECTION LINE – FOR 1/2 MILE; THEN EXTENDS SOUTH ON THE SECTION LINE AS A 60 FOOT WIDE ROAD FOR 3/4 OF A MILE TO THE 1/4 CORNER ON THE WEST SIDE OF SECTION 33-20-12 TO BEGIN THIS ROAD SURVEY
- 6) COMMISSIONER'S ROAD JOURNAL BOOK "A", PAGE 41  
ON JANUARY 4, 1915 A PETITION SIGNED BY JAMES W. VAN CLEAVE AND OTHERS FOR THE LOCATION OF A ROAD IN TOWNSHIP 20-12 WAS PRESENTED TO THE BOARD OF COUNTY COMMISSIONERS. THE ROAD WAS VIEWED ON FEBRUARY 8, 1915, AND THE FINAL ORDER WAS ISSUED ON SEPTEMBER 10, 1915.
- 1) BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4-20-12; THENCE NORTH ON THE SECTION LINE THREE-FOURTHS (3/4) OF A MILE TO THE NORTHWEST CORNER OF SAID SECTION 4 AND ENDING THERE.
  - 2) ROAD WAS GRANTED 40 FEET WIDE.
- 7) W. G. RUGGLES, COUNTY ENGINEER FROM 1915 TO 1928, IN A ROAD SURVEY FOR ROAD NUMBER 697 RECORDED IN ROAD RECORD BOOK "E" ON PAGE 55 PETITIONED BY JAMES W. VAN CLEAVE AN OTHERS FOR A ROAD IN TOWNSHIP 20-

12 [PACKET 788 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] THAT WAS VIEWED BY THE COUNTY COMMISSIONERS AND THE COUNTY SURVEYOR ON AUGUST FEBRUARY 8, 1915 AND WAS ORDERED THAT THE ROAD BE GRANTED BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4-20-12, THENCE NORTH ON THE SECTION LINES 3/4 MILES TO THE NORTHWEST CORNER OF SAID SECTION 3-20-12 AND ENDING THERE, SAID ROAD TO BE 40 FEET WIDE, 20 FEET EACH SIDE OF THE SECTION LINE, ON SEPTEMBER 10, 1915 AS NOTED BY E. MOORHEAD, CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS, APPARENTLY **FOUND** THE NORTHWEST CORNER OF SECTION 4-20-12 ON THE TOWNSHIP LINE TO END THIS ROAD SURVEY. THIS ROAD WAS RECORDED ON JANUARY 1, 1916 BY W. S. RUGGLES, COUNTY SURVEYOR.

HIS RETURN OF SURVEY AND PLAT SHOWS THE FOLLOWING INFORMATION:

- 1) THIS ROAD EXTENDS SOUTH ON THE SECTION LINE FOR 3/4 MILES TO THE SOUTHWEST CORNER OF THE NW1/4 OF THE SW1/4 OF SECTION 4-20-12 TO BEGIN THIS ROAD SURVEY
  - 2) HE FOUND THE STONE AT THE CENTER CORNER OF SECTION 4-20-12
  - 3) HE FOUND THE STONE AT THE CENTER CORNER OF SECTION 5-20-12
- 8) IN A BROWN FILED BOOK LABELED "GUN CLUB ROAD" IN THE VAULT IN THE COUNTY ENGINEER'S OFFICE FOR THE ALIGNMENT OF THE GUN CLUB ROAD DATED 1957, ON PAGE 5 IT SHOWS A "**P. O. T. IRON PIN**" AT THE NORTHWEST CORNER OF SECTION 4-20-12 ON THE TOWNSHIP LINE. THERE ARE NO TIES ON THE PAGE OR IN THE SURVEY TIE FILES.
- 9) LESLIE M. GOULD, L.S. 142, COUNTY SURVEYOR FROM 1953 TO 1978, IN SURVEY F05001 IN THE SURVEY FILE FOR TOWNSHIP 20-12 SHOWING THE RESULTS OF A SURVEY OF THE WEST 1/2 OF THE NORTHWEST 1/4 OF SECTION 5-20-12 DATED SEPTEMBER 15, 1975, SHOWS ON HIS SURVEY DRAWING A "**MONUMENT**" AT THE NORTHEAST CORNER OF SECTION 5-20-12 ON THE TOWNSHIP LINE. HE DOES NOT DESCRIBE THE MONUMENT AND THERE ARE NO TIES ON THE SURVEY OR IN THE SURVEY TIE FILES.
- HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:
- 1) 2,630' WEST ON THE TOWNSHIP LINE TO THE THEORETICAL POSITION FOR THE NORTH 1/4 CORNER OF SECTION 5-20-12
  - 2) 3,495' WEST ON THE TOWNSHIP LINE TO THE "MONUMENT" HE SET FOR THE NORTHEAST CORNER OF THE W1/2 OF THE NW1/4 OF SECTION 5-20-12 – NOT IDENTIFIED
  - 3) 5,260' WEST ON THE TOWNSHIP LINE TO THE "MONUMENT" AT THE NORTHWEST CORNER OF SECTION 5-20-12 – NOT IDENTIFIED
  - 4) 2,650' SOUTH TO THE THEORETICAL POSITION FOR THE EAST 1/4 CORNER OF SECTION 5-20-12
  - 5) 5,290' SOUTH TO THE "MONUMENT" AT THE SOUTHEAST CORNER OF SECTION 5-20-12 – NOT IDENTIFIED
- 10) STEVEN S. BROSEMER, L.S. 752, IN A LAND SURVEY REFERENCE REPORT DATED MAY 26, 1983, SURVEY F32001 IN THE SURVEY FILE FOR TOWNSHIP 19-12 TO LOCATE THE SOUTH 1/4 CORNER, THE EAST 1/4 CORNER AND THE SOUTHEAST CORNER OF SECTION 33-19-12, SAID THAT HE EXCAVATED FOR THE STONE AT THE SOUTHWEST CORNER OF SECTION 33-19-12, BUT HE DID **NOT** FIND THE STONE. HE DEEMED THAT THIS CORNER WAS **LOST**. HE SAID THAT THE POSITION CALLED FOR IN THE FAS ROAD SURVEY WAS DEEMED **NOT** REASONABLE. **HE SET A 5/8" X 24" REBAR WITH A LYON COUNTY CAP** FOR THE SOUTHWEST CORNER OF SECTION 33-19-12 ON THE TOWNSHIP LINE BY SINGLE PROPORTION MEASUREMENT ON THE TOWNSHIP LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 32-19-12 AND THE SOUTHEAST CORNER OF SECTION 34-19-12.

HIS TIES ARE ON PAGE 4

- 1) 45.7' SE TO THE SOUTHWEST CORNER OF THE SOUTH HUBGUARD
- 2) 64.7' NE TO THE SOUTHWEST CORNER OF THE NORTH HUBGUARD
- 3) 52.7' NNE TO THE SOUTHWEST CORNER OF THE EAST HUBGUARD
- 4) 60.6' NNW TO THE SOUTHWEST CORNER OF THE WEST HUBGUARD
- 5) 11.0' WEST TO A LINE OF FENCE TO THE SOUTH [EXTENDED]
- 6) 1.5' SOUTH TO THE TRAVELED WAY OF THE FAS ROAD EAST-WEST

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 5,273.2' WEST ON THE TOWNSHIP LINE TO THE #4 REBAR HE FOUND IN A REASONABLE POSITION AT THE SOUTHWEST CORNER OF SECTION 32-19-12
- 2) 2,636.6' EAST ON THE TOWNSHIP LINE TO THE #5 REBAR WITH A LYON COUNTY CAP HE SET FOR THE SOUTH 1/4 CORNER OF SECTION 33-19-12
- 3) 5,273.2' EAST ON THE TOWNSHIP LINE TO THE #5 REBAR WITH A LYON COUNTY CAP HE SET FOR THE SOUTHEAST CORNER OF SECTION 33-19-12
- 4) 10,546.4' EAST ON THE TOWNSHIP LINE TO THE #4 REBAR HE FOUND AT THE SOUTHEAST CORNER OF SECTION 34-19-12 THAT **HE REPLACED** WITH A #5 REBAR WITH A LYON COUNTY CAP

- 11) MARION WAYNE BLACKBOURN, L.S. 1127, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED NOVEMBER 29, 1994, FOR JOB NUMBER 93-12-054, LARGE SURVEY SR #32001 IN THE SURVEY DRAWER FOR TOWNSHIP 19-12, SAID THAT **HE FOUND THE 5/8" REBAR WITH A LYON COUNTY CAP AT 18" BELOW THE ROAD SURFACE** AT THE NORTHEAST CORNER OF SECTION 5-20-12 ON THE TOWNSHIP LINE FROM EXISTING REFERENCE TIES OF RECORD IN THE COUNTY ENGINEER'S OFFICE BY STEVEN S. BROSEMER, L.S. 752, DATED MAY 1983.

- 1) 45.75' SE TO THE SOUTHWEST CORNER OF THE SOUTH HEADWALL
- 2) 64.7' NE TO THE SOUTHWEST CORNER OF THE NORTH HEADWALL
- 3) 52.7' NNE TO THE SOUTHWEST CORNER OF THE EAST HEADWALL
- 4) 60.0' NNW TO THE SOUTHWEST CORNER OF THE EAST HEADWALL
- 5) 11.0' WEST TO A FENCE LINE TO THE SOUTH EXTENDED
- 6) 11.0' WEST TO THE TRAVELED WAY OF GRAVEL COUNTY ROAD "R" TO THE NORTH
- 7) 1.5' SOUTH TO THE TRAVELED WAY OF ASPHALT COUNTY ROAD 130 EAST-WEST

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 2,636.55' WEST ON THE TOWNSHIP LINE TO THE SOUTH 1/4 CORNER OF SECTION 32-19-12
- 2) 3,954.83' WEST ON THE TOWNSHIP LINE TO THE SOUTH 1/16<sup>TH</sup> CORNER OF THE SW1/4 OF SECTION 32-19-21
- 3) 5,273.11' WEST ON THE TOWNSHIP LINE TO THE SOUTHWEST CORNER OF SECTION 32-19-12
- 4) 2,650.71' NORTH TO THE EAST 1/4 CORNER OF SECTION 32-19-12
- 5) 5,304.00' NORTH TO THE NORTHEAST CORNER OF SECTION 32-19-12

LARGE SURVEY SR #05001 IN THE SURVEY DRAWER FOR TOWNSHIP 20-12 FOR THIS SAME PROJECT HAS THE FOLLOWING ADDITIONAL DISTANCES:

- 1) 2,648.89' SOUTH TO THE EAST 1/4 CORNER OF SECTION 5-20-12
- 2) 5,291.19' SOUTH TO THE SOUTHEAST CORNER OF SECTION 5-20-12

- 12) WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED MAY 17, 2001, FOR PROJECT NUMBER 01-59, SETTING COUNTY MONUMENT BOXES OVER SECTION CORNERS IN COUNTY ASPHALT ROADS, **FOUND THE 5/8" REBAR WITH A LYON COUNTY CAP AT 18" BELOW THE ASPHALT ROAD SURFACE** AT THE NORTHWEST CORNER OF SECTION 4-20-12 ON THE TOWNSHIP LINE FROM EXISTING REFERENCE TIES OF RECORD IN THE COUNTY ENGINEER'S OFFICE BY STEVEN S. BROSEMER, L.S. 752, DATED MAY 1983 AND MARION WAYNE BLACKBOURN, L.S. 1127, DATED NOVEMBER 1994. **I REPLACED THIS 5/8" REBAR WITH A 5/8" X 24" REBAR WITH A LYON COUNTY**

**CAP, AND I SET A LYON COUNTY MONUMENT BOX FLUSH WITH THE SURFACE OF ASPHALT COUNTY ROAD 130 FOR THE NORTHWEST CORNER OF SECTION 4-20-12 ON THE TOWNSHIP LINE.**

- 1) 45.9' SE TO THE SOUTHWEST CORNER OF THE SOUTH HEADWALL
- 2) 65.2' NE TO THE SOUTHWEST CORNER OF THE NORTH HEADWALL
- 3) 53.1' NNE TO THE SOUTHWEST CORNER OF THE EAST HEADWALL
- 4) 60.6' NNW TO THE SOUTHWEST CORNER OF THE WEST HEADWALL
- 5) 11' WEST TO THE TRAVELED WAY OF GRAVEL COUNTY ROAD "R" TO THE NORTH
- 6) 1.5' SOUTH TO THE TRAVELED WAY OF ASPHALT COUNTY ROAD 130 EAST-WEST

NORTHWEST CORNER 04-20-12