

**NORTH 1/4 CORNER SECTION 33, TOWNSHIP 20 SOUTH, RANGE 13 EAST**

- 1) ON PAGE 674 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 12" X 2-1/2"** FOR THE 1/4 CORNER BETWEEN SECTIONS 28 & 33-20-13.  
THE GOVERNMENT SURVEY NOTES SHOW THE FOLLOWING INFORMATION:
  - 1) 40.12-1/2 CHAINS WEST TO THE 22" X 8" X 6" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 28, 29, 32 & 33-20-13
  - 2) 40.12-1/2 CHAINS EAST TO THE 20" X 11" X 3-1/2" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 27, 28, 33 & 34-20-13
  
- 2) ROBERT MILLIKEN, COUNTY SURVEYOR FROM 1870 TO 1875 AND FROM 1882 TO 1883, IN A ROAD SURVEY RECORDED IN ROAD RECORD BOOK "A" ON PAGE 219 [PACKET 279 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] PETITIONED BY DANIEL RICH AND OTHERS FOR A COUNTY ROAD IN TOWNSHIPS 20-13 AND 21-13 THAT HE SURVEYED ON AUGUST 14 & 15, 1874, THAT WAS FILED ON FEBRUARY 5, 1875 AS A 50 FOOT WIDE ROAD EXCEPT AT THE CROSSING OF EAGLE CREEK IN SECTION 33-20-13 WHERE IT IS TO BE 60 FEET WIDE FOR 10 RODS ON EACH SIDE OF THE CENTER OF THE CHANNEL OF THE CREEK, APPARENTLY **FOUND THE STONE** AT OF THE NORTH 1/4 CORNER OF SECTION 33-20-13.  
HIS SURVEY NOTES SHOWS THE FOLLOWING INFORMATION:
  - 1) THIS ROAD EXTENDS NORTH ON THE 1/2 SECTION LINE TO THE NORTH 1/4 CORNER OF SECTION 28-20-13 AT A TURN TO THE EAST
  - 2) THIS ROAD EXTENDS SOUTH ON THE 1/2 SECTION LINE TO THE SOUTH 1/4 CORNER OF SECTION 33-20-13 ON THE 4<sup>TH</sup> STANDARD PARALLEL AT A TURN TO THE EAST
  
- 3) J. H. HIBBEN, COUNTY SURVEYOR FROM 1875 TO 1882, IN A ROAD SURVEY RECORDED IN SURVEY BOOK "C" ON THE LEFT PAGE 150 DATED AUGUST 3, 1877, APPARENTLY **FOUND THE STONE** AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF SECTION 33-20-13 THIS ROAD SURVEY.
  
- 4) MATTHEW BROWN, COUNTY SURVEYOR FROM 1888 TO 1900, AND 1914, IN A ROAD SURVEY FOR ROAD NUMBER 364 RECORDED IN ROAD RECORD BOOK "C" ON PAGES 406 TO 408 PETITIONED BY A. G. SHEPHERD, TRUSTEE OF ELMENDARO TOWNSHIP, TO RESURVEY THE NORTH AND SOUTH ROAD THROUGH THE CENTER OF SECTION 28-20-13 AS THE GOVERNMENT CORNER STONES OF SAID SECTION WERE REMOVED OR DESTROYED [PACKET 613 IN THE VAULT IN THE COUNTY SURVEYOR'S OFFICE] THAT HE SURVEYED ON AUGUST 30, 1888, WAS APPROVED BY THE BOARD OF COUNTY COMMISSIONERS ON JANUARY 8, 1889 AS NOTED BY J. S. GRIMSLEY, CHAIRMAN, AND RECORDED ON JULY 30, 1889, SAID THAT **HE SET A 25" X 10" X 4" ROAD STONE MARKED "R"** FOR THE SOUTH 1/4 CORNER OF SECTION 28-20-13 AFTER HE RAN THE SECTION LINES FROM THE STONE THAT HE FOUND AT THE NORTHEAST CORNER OF SECTION 36-20-13 ON THE RANGE LINE IN COFFEY COUNTY WEST TO THE STONE THAT HE FOUND AT THE NORTHWEST CORNER OF SECTION 31-20-13 ON THE RANGE LINE.  
HIS NOTES SHOW THE FOLLOWING INFORMATION:
  - 1) 13,206.6' WEST TO THE STONE HE FOUND AT THE NORTHWEST CORNER OF SECTION 31-20-13 ON THE RANGE LINE
  - 2) 18,441.9' EAST TO THE STONE HE FOUND AT THE NORTHEAST CORNER OF SECTION 36-20-13 ON THE RANGE LINE IN COFFEY COUNTY
  
- 5) ALVA J. SMITH, COUNTY SURVEYOR FROM 1900 THROUGH 1906, IN SURVEY NUMBER 21, A **PERMANENT SURVEY** RECORDED IN SURVEY BOOK "E" ON PAGE 202 DATED FEBRUARY 25-28, 1901 ORDERED BY J. L. PORTER TO ESTABLISH THE NORTHEAST AND SOUTHEAST CORNERS OF SECTION 33-20-13, SAID THAT **HE**

**FOUND THE STONE THAT WAS SET BY BROWN ON A ROAD SURVEY NEAR THE NORTH 1/4 CORNER OF SECTION 33-20-13 ON THIS PERMANENT SURVEY. HE DID NOT CALL THE STONE THE 1/4 CORNER AND HE PUT A QUESTION MARK IN HIS NOTES.**

HIS SURVEY NOTES/DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 40.49 CHAINS EAST TO THE 28" X 6" X 6" LIMESTONE MARKED "X" ON THE NORTH FACE HE SET FOR THE PERMANENT NORTHEAST CORNER OF SECTION 33-20-13
  - 2) 280.76 CHAINS EAST TO THE STONE HE FOUND AT THE NORTHEAST CORNER OF SECTION 36-20-13 ON THE RANGE LINE
  - 3) 40.31 CHAINS WEST TO THE MIDDLE OF THE ROAD AT THE NORTHWEST CORNER OF SECTION 33-20-13 – **NO STONE**
  - 4) 119.87 CHAINS WEST TO THE MIDDLE OF THE ROAD AT THE NORTHWEST CORNER OF SECTION 32-20-13 – **NO STONE**
  - 5) 160.17 CHAINS WEST TO THE STONE HE FOUND AT THE NORTH 1/4 CORNER OF SECTION 31-20-13
- 6) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED APRIL 9, 1990, FOR JOB NUMBER 90073, SURVEY F33001 IN THE SURVEY FILE FOR TOWNSHIP 20-13 FOR A PLAT OF SURVEY TO LOCATE THE NORTH AND SOUTH QUARTER CORNERS OF SECTION 33-20-13 AT THE REQUEST OF THE LYON COUNTY ENGINEER FOR LYON COUNTY BRIDGE REPLACEMENT PROJECT 90-G7, SAID IN HIS *REPORT OF SURVEY* THAT MATTHEW BROWN HAD IGNORED THE LOCATION OF THE SOUTH 1/4 CORNER OF SECTION 28-20-13 IN 1888, FINDING ABOUT AS MUCH EXCESS [EAST-WEST] ACROSS THE ENTIRE TOWNSHIP AS THERE APPEARS TO BE IN SECTIONS 28 & 33 ALONE, AND ALVA J. SMITH HAD ALSO IGNORED THE LOCATION OF THE SAID 1/4 CORNER IN 1901, FINDING ABOUT THE SAME RESULTS AS BROWN FOR THE TOWNSHIP [EAST-WEST]. ALTHOUGH SMITH FOUND BROWN'S ROAD STONE IN 1901, HE DID NOT CALL IT THE 1/4 CORNER. THE ROAD THROUGH THE CENTERS OF SECTIONS 28 & 33, ALTHOUGH OPENED ON THE 1/4 LINES, MISMATCH TODAY IN PHYSICAL LOCATION, I.E., THE APPARENT EAST LINE OF THE ROAD THRU SECTION 28-20-13 CORRESPONDS WITH THE APPARENT WEST LINE OF THE ROAD THRU SECTION 33-20-13. THE WEST LINES OF SECTION 28-20-13 & 33-20-13 SEEM TO BE MUCH LONGER NORTH & SOUTH THAN THE EAST LINE [ABOUT 5,318 FEET PER MILE OR 66.48 PER CHAIN], LEADING ME TO CONCLUDE THAT AT LEAST TWO DIFFERENT GLO SURVEY CREWS WERE INVOLVED IN THIS AREA. THE PHYSICAL EVIDENCE FOR THE NORTHWEST CORNER OF SAID SECTION 33-20-13 FALLS 5,325.5' WEST OF THE NORTHEAST CORNER OF SECTION 33-20-13 AS RESET BY ME. HE CONCLUDED THAT THE BEST EVIDENCE OF THE ORIGINAL POSITION OF THE NORTH 1/4 CORNER OF SAID SECTION 33-20-13 IS AT THE PRORATED GLO CHAIN [EAST LINE] WEST OF THE NORTHEAST CORNER, I.E., 66.15 [2,646.00 DIVIDED BY 40 CHAINS] TIMES 40.125 CHAINS [GLO NORTH SIDE OF THE NORTHEAST 1/4 OF SECTION 33] FOR EAST-WEST POSITION AND AT THE AVERAGE PRORATION FOR THE NORTH-SOUTH POSITION, OR AT 5,307' NORTH OF THE SOUTH 1/4 CORNER AND 2,654.27' WEST OF THE NORTHEAST CORNER. THE RESULTING NORTH-SOUTH POSITION IS SUPPORTED BY THE CENTER OF THE EXISTING FAS ROAD. THE RESULTING EAST-WEST POSITION IS REASONABLE WITH THE APPARENT NORTHWEST CORNER LOCATION, I.E., THE WEST LINE PRORATION TIMES 40.125 CHAINS. THIS CAUSES THE MISMATCH OF THE ROADS THRU THE CENTER OF BOTH SECTIONS TO BE ABOUT EQUALLY DIVIDED BETWEEN SECTIONS 28-20-13 & 33-20-13. **HE SET A 5/8" REBAR WITH A LYON COUNTY CAP FOR THE NORTH 1/4 CORNER OF SECTION 33-20-13.**
- 1) 35.2' NW TO THE SOUTHWEST CORNER OF THE WINGWALL
  - 2) 45.8' ESE TO THE SOUTHWEST CORNER OF THE WINGWALL

HIS TIES ARE CONTINUED ON PAGE 3

- 3) 44.8' SE TO THE NORTHEAST CORNER OF THE WINGWALL
- 4) 19.0' WEST TO THE CENTER OF THE ROAD TO THE NORTH
- 5) 21.0' EAST TO THE CENTER OF THE ROAD TO THE SOUTH

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 2,654.27' EAST TO THE #5 REBAR WITH A YELLOW LYON COUNTY CAP HE SET FOR THE NORTHEAST CORNER OF SECTION 33-20-13
- 2) 3,107.00' SOUTH TO THE #5 REBAR WITH A YELLOW LYON COUNTY CAP HE SET FOR A P.O.T.
- 3) 4,504.00' SOUTH TO THE #5 REBAR WITH A YELLOW LYON COUNTY CAP HE SET FOR A P.O.T.
- 4) 5,307.00' SOUTH TO THE #5 REBAR WITH A YELLOW LYON COUNTY CAP HE SET FOR THE SOUTH 1/4 CORNER OF SECTION 33-20-13

- 7) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN LAND SURVEY REFERENCE REPORT DATED AUGUST 6, 2000, FOR JOB NUMBER 00079-02, SURVEY F33002 IN THE SURVEY FILE FOR TOWNSHIP 20-13 FOR THE SURVEY OF A TRACT OF 4.734 ACRES LOCATED IN THE NORTHEAST QUARTER OF SECTION 33-20-13, SAID THAT **HE FOUND THE 5/8" REBAR WITH A LYON COUNTY CAP** AT THE NORTH 1/4 CORNER OF SECTION 33-20-13 FROM HIS EXISTING TIES OF 1990 ON FILE IN THE COUNTY ENGINEERS OFFICE.

- 1) 44.9' ESE TO THE EAST HUBGUARD AT THE NORTH CORNER
- 2) 43.9' SE TO THE EAST HUBGUARD AT THE SOUTH CORNER
- 3) 42.9' WNW TO THE WEST HUBGUARD AT THE SOUTH CORNER
- 4) 44.45' NW TO THE WEST HUBGUARD AT THE NORTH CORNER
- 5) 2.0' NORTH TO THE CENTERLINE EAST-WEST TRAVELED WAY OF THE ROAD

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 2,324.27' EAST TO THE COTTON GIN SPINDLE IN ASPHALT HE SET FOR THE NORTHWEST CORNER OF THE 4.734 ACRE TRACT
- 2) 2,411.21' EAST TO A COTTON GIN SPINDLE IN ASPHALT HE SET FOR THE NORTHEAST CORNER OF THE 4.734 ACRE TRACT
- 3) 2,654.27' EAST TO THE 5/8" REBAR WITH A LYON COUNTY CAP HE FOUND AT THE NORTHEAST CORNER OF SECTION 33-20-13

- 8) WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED JUNE 27, 2001, FOR PROJECT NUMBER 01-59, SETTING COUNTY MONUMENT BOXES OVER SECTION CORNERS IN COUNTY ASPHALT ROADS, **FOUND THE 5/8" X 6" REBAR** AT THE NORTH 1/4 CORNER OF SECTION 33-20-13 FROM EXISTING TIES OF RECORD IN THE COUNTY ENGINEER'S OFFICE BY STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, DATED AUGUST 6, 2000. **I REPLACED THE OLD 5/8" REBAR WITH A 5/8" X 24" REBAR WITH A NEW LYON COUNTY CAP, AND I SET A LYON COUNTY MONUMENT BOX FLUSH WITH THE SURFACE OF ASPHALT COUNTY ROAD 80** AT THE NORTH 1/4 CORNER OF SECTION 33-20-13.

- 1) 43.0' NW TO A CHISELED "+" IN THE CENTER OF THE NORTHWEST HEADWALL OF A REINFORCED CONCRETE BOX CULVERT
- 2) 43.9' SE TO A CHISELED "+" IN THE CENTER OF THE SOUTHEAST HEADWALL OF A REINFORCED CONCRETE BOX CULVERT
- 3) 82.7' ESE TO A MAG NAIL & WASHER IN A POWER POLE
- 4) 104.0' SSE TO A MAG NAIL & WASHER IN THE TOP OF A CORNER FENCE POST FOR FENCES TO THE SOUTH & NORTHEASTERLY
- 5) 1.5' NORTH TO THE CENTERLINE TRAVELED WAY OF ASPHALT COUNTY ROAD 80 EAST-WEST

NORTH QUARTER CORNER 33-20-13