

NORTHWEST CORNER SECTION 34, TOWNSHIP 20 SOUTH, RANGE 13 EAST

- 1) ON PAGE 669 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 11" X 3-1/3"** FOR THE CORNER TO SECTIONS 27, 28, 33 & 34-20-13.
THE GOVERNMENT SURVEY NOTES SHOW THE FOLLOWING INFORMATION:
 - 1) 39.93 CHAINS EAST TO THE 17" X 10" X 3-1/2" LIMESTONE THEY SET FOR THE 1/4 CORNER BETWEEN SECTIONS 27 & 34-20-13
 - 2) 79.86 CHAINS EAST TO THE 18" X 12" X 3" LIMESTONE THEY SET FOR THE CORNER TO SECTIONS 26, 27, 34 & 35-20-13 ON THE COUNTY LINE

- 2) 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, APPARENTLY DID **NOT** FIND THE NORTHWEST CORNER OF SECTION 34-20-13 AS HE RAN THE SECTION LINES FROM THE STONE THAT HE FOUND AT THE NORTHWEST CORNER OF SECTION 31-20-13 ON THE RANGE LINE TO THE STONE HE FOUND AT THE NORTHEAST CORNER OF SECTION 36-20-13 ON THE RANGE LINE IN COFFEY COUNTY.

- 3) 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 SET A 28" X 6" X 6" LIMESTONE MARKED WITH AN "X" ON THE NORTH FACE** FOR THE PERMANENT NORTHEAST CORNER OF SECTION 33-20-13 ON THIS **PERMANENT SURVEY** BY PROPORTION MEASUREMENT, 40.14 CHAINS SOUTH OF THE WEST 1/4 CORNER OF SECTION 27-20-13, AND 37 LINKS EAST OF THE TEMPORARY POINT HE HAD SET ON THIS SURVEY. **HE SET WITNESS STONES MARKED "W" AT:**
 - 1) N. 44°30' W. AT 27 FEET MAGNETIC MERIDIAN
 - 2) S. 30° E. AT 29 FEET
 - 3) FENCE SOUTH AT 29 FEETHIS SURVEY NOTES/DRAWING SHOWS THE FOLLOWING INFORMATION:
 - 1) 40.14 CHAINS NORTH TO THE STONE HE FOUND AT THE WEST 1/4 CORNER OF SECTION 27-20-13
 - 2) 80.28 CHAINS SOUTH TO THE STONE HE FOUND AT THE SOUTHEAST CORNER OF SECTION 33-20-13 ON THE 4TH STANDARD PARALLEL
 - 3) 40.49 CHAINS WEST TO THE STONE HE FOUND THAT WAS SET BY BROWN ON A ROAD SURVEY
 - 4) 80.80 CHAINS WEST TO THE MIDDLE OF THE ROAD AT THE NORTHWEST CORNER OF SECTION 33-20-13 – **NO STONE**
 - 5) 160.36 CHAINS WEST TO THE MIDDLE OF THE ROAD AT THE NORTHWEST CORNER OF SECTION 32-20-13 – **NO STONE**
 - 6) 200.66 CHAINS WEST TO THE STONE HE FOUND AT THE NORTH 1/4 CORNER OF SECTION 31-20-13
 - 7) 240.27 CHAINS EAST TO THE GOVERNMENT STONE HE FOUND AT THE NORTHEAST CORNER OF SECTION 36-20-13 ON THE RANGE LINE IN COFFEY COUNTY

CONTINUED ON PAGE 2

- 4) ALVA J. SMITH, COUNTY SURVEYOR FROM 1900 THROUGH 1906, IN SURVEY NUMBER 159, A **PERMANENT SURVEY** RECORDED IN SURVEY BOOK "F" ON PAGE 123 DATED DECEMBER 19, 1906 THAT WAS **ORDERED BY THE DISTRICT COURT OF LYON COUNTY** FOR TWO TRACTS IN THE NORTHWEST 1/4 OF SECTION 34-20-13, SAID THAT **HE FOUND THE STONE** AT THE NORTHWEST CORNER OF SECTION 34-20-13. SEE PACKET "M 193" IN MISCELLANEOUS DRAWER NUMBER 8 IN THE VAULT IN THE COUNTY ENGINEERS OFFICE FOR ADDITIONAL INFORMATION ON THIS **PERMANENT SURVEY ORDERED BY THE DISTRICT COURT OF LYON COUNTY**.
PACKET "M 193" SHOWS THE FOLLOWING INFORMATION:
- 1) 20.03 CHAINS SOUTH TO THE STAKE HE SET FOR THE WEST 1/16TH CORNER OF THE NE1/4 OF SECTION 34-20-13
 - 2) 40.06 CHAINS SOUTH TO THE STAKE HE SET FOR THE WEST 1/4 CORNER OF SECTION 34-20-13
 - 3) 80.13 CHAINS SOUTH TO THE GOVERNMENT STONE HE FOUND AT THE SOUTHWEST CORNER OF SECTION 34-20-13 ON THE 4TH STANDARD PARALLEL
- 5) J. HARRISON PARKMAN, COUNTY SURVEYOR FROM 1907 TO 1915, BY MAX YINGLING, DEPUTY COUNTY SURVEYOR, IN A **PERMANENT SURVEY** RECORDED IN SURVEY BOOK "D" ON PAGE 73 DATED JANUARY 18, 1909 AT THE REQUEST OF WILLIAM FLEMMING & JNO EDWARDS TO SURVEY A TRACT IN THE NORTHEAST 1/4 OF SECTION 33-20-13, SAID THAT **HE FOUND THE STONE** AT THE NORTHEAST CORNER OF SECTION 33-20-13 ON THIS **PERMANENT SURVEY**. HE NOTED THAT THIS SURVEY WAS RECORDED ON JANUARY 19, 1909.
HIS SURVEY DRAWING SHOWS THE FOLLOWING DISTANCES:
- 1) 20 RODS WEST TO THE PERMANENT PROPERTY STONE HE PLANTED WITNESSED BY THE FOLLOWING WITNESS TREES:
 - a. A CATALPA TREE LOCATED 29.2 FEET NNW OF THE STONE
 - b. A HEDGE TREE LOCATED 35.5' SOUTHEAST BY EAST OF THE STONE
 - 2) 80 RODS WEST TO THE STONE HE PLANTED FOR THE PERMANENT NORTH 1/8TH CORNER OF THE NE1/4 OF SECTION 33-20-13
- 6) REA BOOK 30 ON THE RIGHT SIDE OF PAGE 57 SAYS THAT **THEY DROVE AN IRON PIN** FOR THE SOUTHWEST CORNER OF SECTION 27-20-13.
- 1) 31' NW AND 31' NE TO WITNESS PINS
- 7) REA BOOK 30 ON THE LEFT SIDE OF PAGE 57 SAYS: "MAY 26, 1939: O. D. HENRY TOLD OF A **CORNER STONE** AT THE SOUTHWEST CORNER OF SECTION 27-20-13, AND TODAY I FOUND IT ON TOP OF THE GRAVEL ROAD **39 FEET WEST** OF THE PIN I DROVE YESTERDAY".
- 8) JOHN R. YOUNG, L.S. 112, OF SCHWAB-EATON, P.A., IN SURVEY F27002 IN THE SURVEY FILE FOR TOWNSHIP 20-13, FOR THE PARTIAL BOUNDARY SURVEYS JOHN REDMOND DAM AND RESERVOIR GRAND (NEOSHO) RIVER PERFORMED UNDER CONTRACT NUMBER DACW56-75-C-0219 RECORDED IN FIELD BOOK 5-1915 DATED APRIL 1976 AND FILED IN THE REGISTER OF DEEDS OFFICE ON JUNE 29, 1976 IN VOLUME 347 ON PAGE 257, SHOWS ON HIS SURVEY DRAWING THAT **HE SET A 1" X 2' IRON BAR** FOR THE SOUTHWEST CORNER OF SECTION 27.
[NOTE: THIS BAR WAS INCORRECTLY PLACED. SEE THE TIES DATED APRIL 9, 1990 BY STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, FOR THE 5/8" REBAR WITH A LYON COUNTY CAP AT THE CORRECT CORNER – WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR]
- 1) ~~N. 82°00' W. 243.97' TO A SPIKE & WASHER IN A TELEPHONE POLE~~
 - 2) ~~N. 04°00' W. 39.27' TO A SPIKE & WASHER IN THE TOP OF A FENCE POST~~
 - 3) ~~S. 89°00' E. 144.30' TO A SPIKE & WASHER IN A POWER POLE~~
 - 4) ~~IN THE TRAVELED WAY OF THE BLACKTOP ROAD EAST WEST~~

HIS SURVEY DRAWING SHOWS THE FOLLOWING DISTANCES:

- ~~1) 2,645.36' NORTH TO A 1" IRON BAR SET FOR THE WEST 1/4 CORNER OF SEC. 27~~
NOTE: SEE THE REFERENCES FOR THE 5/8" REBAR WITH A LYON COUNTY CAP AT THE CORRECT WEST 1/4 CORNER OF SECTION 27-20-13 – WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR]
- ~~2) 5,330.23' NORTH TO A 1" IRON BAR HE SET FOR THE NORTHWEST CORNER OF SECTION 27~~
- ~~3) 2,681.56' EAST TO A 1" IRON BAR HE FOUND AT THE SOUTH 1/4 CORNER OF SECTION 27~~
- ~~4) 5,299.46' EAST TO A STANDARD CORPS OF ENGINEERS CONCRETE MONUMENT HE SET FOR THE SOUTHEAST CORNER OF SECTION 27~~

- 9) JOHN R. YOUNG, L.S. 112, OF SCHWAB-EATON, P.A., IN SURVEY F34001 IN THE SURVEY FILE FOR TOWNSHIP 20-13, FOR THE PARTIAL BOUNDARY SURVEYS JOHN REDMOND DAM AND RESERVOIR GRAND (NEOSHO) RIVER PERFORMED UNDER CONTRACT NUMBER DACW56-75-C-0219 RECORDED IN FIELD BOOK NUMBER 5-1916 DATED APRIL 1996 AND FILED IN THE REGISTER OF DEEDS OFFICE ON JUNE 29, 1976 IN VOLUME 347 ON PAGE 259, SHOWS ON HIS SURVEY DRAWING THAT HE SET A 1" X 2' IRON BAR FOR THE NORTHWEST CORNER OF SECTION 34. THERE WAS NO METHODOLOGY OF HOW HE DETERMINED THE LOCATION FOR THIS CORNER ON THIS SURVEY.

NOTE: THIS BAR WAS INCORRECTLY PLACED. SEE THE TIES DATED APRIL 9, 1990 BY STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, FOR THE 5/8" REBAR WITH A LYON COUNTY CAP AT THE CORRECT CORNER – WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR]

- ~~1) N. 82°00' W. 243.97' TO A SPIKE & WASHER IN A TELEPHONE POLE~~
- ~~5) N. 04°00' W. 39.27' TO A SPIKE & WASHER IN THE TOP OF A FENCE POST~~
- ~~6) S. 89°00' E. 144.30' TO A SPIKE & WASHER IN A POWER POLE~~
- ~~7) IN THE TRAVELED WAY OF THE BLACKTOP ROAD EAST WEST~~

HIS SURVEY DRAWING SHOWS THE FOLLOWING DISTANCES:

- ~~1) 2,527.56' EAST TO A STANDARD CORPS OF ENGINEERS CONCRETE MONUMENT HE SET~~
- ~~2) 2,681.56' EAST TO A 1" IRON BAR HE FOUND AT THE NORTH 1/4 CORNER OF SECTION 34~~
- ~~3) 3,198.44' EAST TO A STANDARD CORPS OF ENGINEERS CONCRETE MONUMENT HE SET~~
- ~~4) 3,990.51' EAST TO A STANDARD CORPS OF ENGINEERS CONCRETE MONUMENT HE SET FOR THE NORTH 1/16TH CORNER OF THE NE1/4 OF SECTION 34~~
- ~~5) 5,299.46' EAST TO A STANDARD CORPS OF ENGINEERS CONCRETE MONUMENT HE SET FOR THE NORTHEAST CORNER OF SECTION 34~~
- ~~6) 2,661.66' SOUTH TO A 1" IRON BAR HE SET FOR THE WEST 1/4 CORNER OF SECTION 34~~
- ~~7) 5,291.13' SOUTH TO A 1" IRON BAR HE SET FOR THE SOUTHWEST CORNER OF SECTION 34. NOTE: SEE THE REFERENCE TIES FOR THE STONE AT THE SOUTHWEST CORNER OF SECTION 34-20-13 – WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR~~

- 10) 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 THAT HE EXCAVATED THROUGH THE ASPHALT AND BASE ROCK FOR THE STONE AT THE NORTHEAST CORNER OF SECTION 33-20-13, BUT **NO** STONE WAS FOUND DUE TO THE ROAD CUT THROUGH THIS AREA. IN HIS *REPORT OF SURVEY* HE SAID THAT HE RESET THE NORTHEAST

CORNER OF SECTION 33-20-13 BY THE RETRACEMENT OF ALVA J. SMITHS SURVEYS. THE NORTH-SOUTH POSITION WAS DETERMINED BY PROPORTIONATE MEASURE BETWEEN THE EAST 1/4 CORNER OF SECTION 28-20-13 AND THE SOUTHEAST CORNER OF SAID SECTION 33-20-13 ON THE 4TH STANDARD PARALLEL. THE EAST-WEST POSITION WAS DETERMINED BY THE HEDGES AND FENCES CALLED FOR IN SMITH'S COURT ORDERED SURVEY AND THE HARRISON PARKMAN SURVEY, AS THESE FENCES CHECKED VERY WELL, THEREBY REQUIRING NO PRORATION. HE NOTED THAT THIS POSITION FELL 2.55 FEET NORTH AND 4.19 FEET EAST OF THE CORPS OF ENGINEERS 1" PIN. **HE SET A 5/8" REBAR WITH A LYON COUNTY CAP** FOR THE NORTHEAST CORNER OF SECTION 33-20-13 ACCORDING TO THE PERMANENT SURVEYS FILED WITH THE COUNTY ENGINEER'S OFFICE.

- 1) **4.9' WSW TO A 1" IRON BAR SET BY JOHN R. YOUNG FOR THE CORPS OF ENGINEERS LAKE SURVEY**
- 2) 36.6' NNW TO A NAIL & SHINER IN A CORNER FENCE POST
- 3) 66.9' ESE TO A NAIL & SHINER IN A POWER POLE
- 4) 3.0' SOUTH TO THE CENTERLINE TRAVELED WAY OF ASPHALT COUNTY ROAD 80 EAST-WEST

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 2,646.00' NORTH TO THE #5 REBAR WITH A YELLOW LYON COUNTY CAP HE SET FOR THE EAST 1/4 CORNER OF SECTION 28-20-13
- 2) 5,292.00' SOUTH TO THE CORNER STONE HE FOUND AT THE SOUTHEAST CORNER OF SECTION 33-20-13 ON THE 4TH STANDARD PARALLEL
- 3) 2,654.27' WEST TO THE #5 REBAR WITH A YELLOW LYON COUNTY CAP HE SET FOR THE NORTH 1/4 CORNER OF SECTION 33-20-13

- 11) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN A 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 NORTHEAST CORNER OF SECTION 33-20-13 FROM HIS EXISTING TIES OF APRIL 1990 ON FILE IN THE COUNTY ENGINEERS OFFICE.

- 1) 35.95' NNW TO A CONCRETE NAIL & WASHER IN A FENCE POST
- 2) 34.80' NNE TO THE SOUTHWEST CORNER OF THE NEAR FACE OF A TELEPHONE PEDESTAL AT GROUND LEVEL
- 3) 66.35' SE TO A CONCRETE NAIL & WASHER IN A POWER POLE
- 4) 3.0' SOUTH TO THE TRAVELED WAY OF ASPHALT COUNTY ROAD 80 EAST-WEST
- 5) **4.9' WSW TO A 1" IRON BAR FROM THE CORPS OF ENGINEERS LAKE SURVEY**

HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 243.06' WEST TO THE COTTON GIN SPINDLE IN ASPHALT HE SET FOR THE NORTHEAST CORNER OF THE 4.734 ACRE TRACT
- 2) 330.00' WEST TO THE COTTON GIN SPINDLE IN ASPHALT HE SET FOR THE NORTHWEST CORNER OF THE 4.734 ACRE TRACT
- 3) 2,654.27' WEST TO THE 5/8" REBAR WITH A LYON COUNTY CAP HE FOUND AT THE NORTHWEST CORNER OF THE NE1/4 OF SECTION 33-20-13

- 12) 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 NORTHWEST CORNER OF SECTION 34-20-13 FROM EXISTING TIES OF RECORD IN THE COUNTY ENGINEER'S OFFICE BY STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, DATED APRIL 1990 AND AUGUST 2000. **I REPLACED THE OLD 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 ROAD 80 FOR THE NORTHWEST CORNER OF SECTION 34-20-13.

- 1) 36.8' NNW TO A FOUND CONCRETE NAIL & WASHER IN A CORNER FENCE POST
- 2) 34.6' NNE TO THE TOP CENTER OF A TELEPHONE PEDESTAL
- 3) 66.4' SE TO A FOUND CONCRETE NAIL & WASHER IN A POWER POLE
- 4) 3' SOUTH TO THE TRAVELED WAY OF ASPHALT COUNTY ROAD 80 EAST-WEST
- 5) **4.9' WSW TO A 1" IRON BAR FROM THE CORPS OF ENGINEERS [JOHN YOUNG]**

13) STEVEN S. BROSEMER, L.S. 752, DEPUTY COUNTY SURVEYOR, IN A LAND SURVEY REFERENCE REPORT DATED MAY 13, 2005, FOR PROJECT NUMBER 05123-02, SURVEY F34002 IN THE SURVEY FILE FOR TOWNSHIP 20-13 FOR THE SURVEY OF PART OF THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 34-20-13, SAID THAT **HE FOUND THE 5/8" REBAR IN A MONUMENT WELL AT THE NORTHWEST CORNER OF SECTION 34-20-13 FROM EXISTING TIES OF RECORD IN THE COUNTY ENGINEER'S OFFICE BY COUNTY SURVEYOR C. WOODS, LS 603, FOR PROJECT 01-59 [2001].**

- 1) **4.9' WSW TO A 1" IRON BAR FROM THE CORPS OF ENGINEER'S LAKE SURVEY**
 - 2) 2.5' SOUTH TO THE CENTERLINE TRAVELED WAY OF ASPHALT COUNTY ROAD 80 EAST-WEST
 - 3) 35.9' NNW TO A CONCRETE NAIL & SHINER IN A CORNER FENCE POST
 - 4) 34.6' NNE TO THE TOP CENTER OF A TELEPHONE PEDESTAL
 - 5) 66.4' SE TO A CONCRETE NAIL & WASHER IN A POWER POLE
 - 6) 36.8' NORTH TO A 40 D SPIKE & WASHER IN THE TOP OF A CORNER FENCE POST
- HIS SURVEY DRAWING SHOWS THE FOLLOWING INFORMATION:

- 1) 1,338.71' EAST TO THE COTTON GIN SPINDLE HE SET FOR THE NORTHWEST CORNER OF THE E1/2 OF THE NW1/4 OF SECTION 34-20-13 AND THE NORTHWEST CORNER OF THE EXCEPTED TRACT, AS WITNESSED BY THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET AT 40' SOUTH
- 2) 1,928.71' EAST TO THE COTTON GIN SPINDLE HE SET FOR THE NORTHEAST CORNER OF THE EXCEPTED TRACT, AS WITNESSED BY THE 1/2" REBAR WITH HIS "LS 752" CAP HE SET AT 40' SOUTH
- 3) 2,677.42' EAST TO THE 5/8" REBAR IN A MONUMENT WELL HE FOUND AT THE NORTHEAST CORNER OF THE E1/2 OF THE NW1/4 OF SECTION 34-20-13
- 4) 2,646.17' SOUTH TO THE THEORETICAL POSITION FOR THE SOUTHWEST CORNER OF THE W1/2 OF THE NW1/4 OF SECTION 34-20-13
- 5) 5,292.34' SOUTH TO THE 5/8" REBAR OVER THE STONE HE FOUND AT THE SOUTHWEST CORNER OF THE SW1/4 OF SECTION 34-20-13 ON THE 4TH STANDARD PARALLEL

NORTHWEST CORNER 34-20-13