



NOTE.—SCALE.....CHAINS TO THE INCH IS USED IN THIS DIAGRAM.  
This diagram to be used in platting either one, four or sixteen sections. When used for one section only, scale No. 1 applies; for four sections, scale No. 2; and for sixteen sections, scale No. 3.  
General Statutes 286, § 1200: "And no diagram shall be constructed to scale less than one inch to twenty chains."

This is to certify that L.S. Hittbans was ordered by the Kansas Natural Gas Co. to survey and establish the corners to their lands situated in Sections 21 and 28 T.33 R.16 E. on April 9 1917 the following named parties were notified that a survey of the above named sections was to begin at 10 a.m. April 17 1917.

Kansas Natural Gas Co. E.L. Bennett; Jacob Hoffman; Alexander Harris; A. Buckman; N.G. & S.A. Mebbes; H. Bracy; E.O. Slater; E.M. Stark; Eliza Hays; H.F. Alberts; E.C. Sanford; Moses Allen; John O'Brien; James Lisscott; Leo Hall; W.F. Constock; Geo. M. Smith; J.P. Gray; F. Griffin; L.L. Houston; William Bowie; Bessie Davidson. On April 17 1917 the survey, S.R. Logan + C.B. Hodges were chosen as chainmen, J.H. Spohnhauer as flagman. The men duly sworn to faithfully perform their duties. I began at the south west cor. of sec 21-28-16 2 rods north 1° W at 460 ft bluff bank of Coal creek bluff 30 ft high at 640 ft of post 10 East on acct of Bush at 1310 at 660 ft 1/2 line down temporary stake at N.W. cor. Sec 21 from this stake ran with 1" nail at 1320 ft divv stake at temporary 1/4 post west line Sec. 21 thence north 1° 15' west at 2636 Stone N.W. cor. Sec. 21 from this stone ran East at 660 Stone at 1320 divv stakes at 1300 1/2 bluff 50 ft high, 2100 west bank of Verdigris River 2165' west side edge 2300' water edge of River at 2540 divv stake at 1/4 post north line sec. 21 found stumps of witness tree given by Jim Field note here to located point for witness tree from this point run East from temporary 1/4 post ran East at 2628 ft corner stone 15 Sec 15, 16 21+28. From this stone ran South at 1320' divv stake, at 2640' divv stake 1/4 post 3960' divv stake at 2640' divv stake + 1320' East bank of River + Sec. 21. From this cor. ran South at 1320' divv stake, from this cor. ran East at 1320' stakes at 2385' divv stake on East bank of River + quit for the day and adjourned survey until May 2 1917. On May second survey continued by my self + S.R. Logan deputy from stake 2385' of East line sec 21 measured River by Stadia 530' to stake on west bank of River + 2885' + 980' stake 1/4 post South. + 1285' Stone from stone 2885' sec 21 to stake 1310 ft line + 1320' stake stone 1/4 post West line sec 28. thence South 1320 Stone + 290' bluff clear creek at 660' stake at 1320' stake bluff 50 ft high. Sec 28 thence East at 1315' stake + 1321' 1/4 post (Stone) from this 1/4 post East 375' creek at 825' stake Cor. 1550' across brook on sec 33-33-16 at 1654' Stone. 1980' stake for 70' over brook on sec. 33. at 2635' for stone S.E. cor. sec. 28. from S.E. cor. S.E. Sec. 28 ran South 1320' stake 1/4 post East line sec 28. at 1566' North bank of River this finish survey to begin in sec 28. Survey made by me, in sec 21 from S.E. cor. William Post, C.M. Miner, C.B. Hodges, J.H. Spohnhauer Hoffman, from S.E. cor. sec 21 ran west at 1340' ft stake East bank of River 1610' west side edge River 100' wide 1899' top bank west side 2385' bank Coal creek 2384' ft stake bluff 1/4 post from old Stone marker 1/4 about 15' high of wire line from this stake ran west at 2629' for 70' sec. 20 21, 28+29. from 1/4 post now located on south line sec. 21. ran north 120' nail at 100' coal creek 250' north bank at 1320' stake. at 2640' stake 13850' ft. bank of River and for day May 3 1917 from this bluff bank of River 330' across River + 995' ran west 260' post connected all stakes on this 1/4 line then to proposition East of M. D. D. to 1/4 post West line sec 21. ran East but vain corner and I adjourned until May 9 1917. May 9 1917 survey continued S.R. Logan C.M. Miner J. A. Hittbans J.H. Spohnhauer Hoffman from S.E. cor. sec 21 from this 30' E at 1320' stake 2640' stake + 2885' west side edge of River measured River 2187' from stake to stake + 800' ft bluff 2636' corner west 113' west of Stone, line from 1/4 post on East line sec 28 and run 825' E. from 1/4 post south line sec 28 ran north 1000' on 1/4 line 1300' bank clear creek bluff 50' high + 276' across creek + 600' bluff bank own men stadia edge = 2406' + 265' other on north bank of River + 1228' stake on bank of River by O'Brien quit for day. May 10 1917. S.R. Logan the Payne J.H. Spohnhauer from stake set last night on south bank of River measured River by Stadia 2350' + 1148' ran out 8 1/2 ft nail of 1/4 post found stake on 1/4 line + divv 2" iron pipe on 1/4 line on north bank of River 1148' bank of 1/4 post on north line sec 28. quit for day p.m. from 1/4 post on north line sec 28 2 rods N 89° 36' E at 1320' stake from this stake East same bearing 1085' stake on west bank of River measured distance 10 1/2 + 3 1/2 1/4 line 2631' ft. + 2385' 1/4 stake on east bank of River measured distance 10 1/2 + 3 1/2 1/4 line 2631' ft. 1320' stake 1400' bluff at 2537 1/2

NOTICE—Surveyor's Permanent Record, State of Kansas.

(Copyright 1891, by B. A. BALKY, Topeka, Kansas.)

Geo. W. Crane & Co., Printers and Binders, Topeka, Kas.  
Blank Books and Legal Blanks of Every Description.

Independence, Mo. Kansas, 1917

M. Kansas Natural Gas Co.

You are hereby notified that, at 10 o'clock A. M., on the 17 day of April 9 1917, I will begin a survey on Section 21+28, Town 33, South, Range 16, in which you are interested, and shall continue the same from day to day until completed. Commencing at the S.W. cor. Sec. 21, corner of said Section, I shall permanently establish all corners necessary to show lands as decided in said Sections 21+28-23-16.

9010' E  
For 4° E.

L.S. Hittbans  
County Surveyor,  
County, State of Kansas.

East line Sec 28 divv stake 1/4 post East line sec 28-23-16 from true point for 1/4 post north line sec 21

Extracted 1785' 1/4 line divv stake from true point East 462 1/2' stake west bank of River + 247' East bank of River = 2568 1/2' from true line sec. 21 to 1/4 post East line sec 21. divv nail as true point for 1/4 post. May 11 survey continued for 1/4 post on north line sec 21 Stone 2513' X 2 1/2' + 3 rods East set for witness tree as far field note, at a point 1320' bank of N.E. cor. sec 21. set a line stone 15' X 12' X 7" S.E. cor. N.E. 1/4 sec 21. at a point 2640' ft. bank of N.E. cor. sec 21 at line stone 22' X 14' X 8" for 1/4 post East line sec 21 bearing East line is 88° 30' 00", at a point 3960' bank of N.E. cor. sec 21 at a line stone 20' X 9" for S.E. cor. N 1/2 E 1/4 sec 21. at a point 5280' ft. bank N.E. cor. sec 21 at a line stone 16' X 14' X 9" in dipping ground old Stone 17' post under ground set with hammer on top of it. at a point 1320' ft. bank of N.E. cor. Sec 28 set a sand stone 17' X 13' X 7" as S.E. cor. N.E. 1/4 sec 28. at a point 1257 1/2' ft. West from last named Stone set a sand Stone 20' X 12' X 4" as S.W. cor. N.E. 1/4 sec 28. from between Stone + John O'Brien bearing line N 89° 15' West, at a point 2640' ft. bank of N.E. cor. Sec 28 set a line Stone 24' X 12' X 5" 11 1/4 for 1/4 post East line sec 28. + 211' ft. South set stone on west bank of Verdigris River, from N.E. cor. S.W. 1/4 of N.E. 1/4 sec 28 Stone 1320' ft. stake at 1920' Stone 20' X 2' X 2" on north bank of River Division in O'Brien farms. 2 set a witness Stone on N.W. 1/4 line 104' ft. north of center of sec 28 as center falls near water edge where could not set a Stone + 1100' ft. north divv Stone from bar 6' long in O'Brien yard on 1/4 line 28 ft. west of line tree 116' ft. bank of 1/4 line, at a point 1288 1/2' ft. East of Stone S.W. cor. of N 1/2 N.W. 1/4 sec 28. set sand Stone 20' X 12' X 4" 11 X 2' iron pipe at end of flag 12 divv Stone 2" pipe brace Stone S.W. cor. N 1/2 N.W. 1/4 sec 28. 1318' ft. bank old Stone from top 1/4 post at S.W. cor. sec 28 set a sand Stone 15' X 12' X 5" M. III. at a point 635 1/2' ft. north of S.W. cor. 28 set a sand Stone 20' X 12' X 5" as N.W. cor. S 1/2 E 1/4 sec 28. May 12 survey continued Sec 28+21, at a point 2636' East S.W. cor. sec 21 divv iron pipe brace 1/4 post as witness at a point 658' ft. West of a Stone S.E. cor. sec 28. set a flag Stone 20' X 11" 1/2 iron pipe as witness as cor. to 40' over brook in sec 33 at a point 825' ft. East of 1/4 post on North line sec 28 set flag Stone 18' X 14' 1/2" as cor. to 50' over brook in sec 33 at a point 1918' ft. East S.W. cor. sec 28. set line Stone 22' X 10' X 5" S.E. cor. S.W. 1/4 sec 28. from pipe witness north 658' ft. sand Stone 20' X 8' X 5" as N.E. cor. S 1/2 E 1/4 sec 28. bearing of north line sec 28 is N 84° 5' - west 1/4 line since N. 8° 30' west to S.W. cor. N 1/2 N.W. 1/4 sec 21 from sec 28. divv 2" iron pipe by stone, at a point 1315' ft. N on sec line from S.W. cor. sec 21 set a line Stone 22' X 12' X 8" M. XX, as N.W. cor. S 1/2 E 1/4 sec 21 from 2" iron pipe as witness at 1/4 post on north line sec 21, set a line Stone 16' X 5" M. IV 1/4 post 4 inch pipe beside it at a point 1299' ft. East of 1/4 post set a sand Stone 22' X 12' X 5" S.E. cor. S.W. 1/4 N.W. 1/4 sec 21 at a stake located at N.E. cor. S 1/2 E 1/4 sec 21 set line Stone 20' X 8' X 2" iron pipe brace it. at a point 1320' ft. north of this Stone set sand Stone 20' X 12' X 5" M. XX as point of sec 21. at a point 1229' ft. north on 1/4 line set a flag Stone 20' X 12' X 2" as witness for on bank bank of River as true cor. near water edge. At a point 1320' ft. East on sec line from N.W. cor. sec 21 set sand Stone 18' X 16' X 8" + 50' ft. bluff. for 1/4 post on bank line sec 21 set line Stone 11' to divv 2" iron pipe beside it. I finished final work, May 18 1917.

L.S. Hittbans  
County Surveyor