Filed June 26 1928

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DUPLICATE

FIELD NOTES

OF THE ~~SURVEY OF THE~~

~~IDENTIFICATION OF LOT 5, SECTION 30, TOWNSHIP 1 NORTH,~~
~~RANGE 10 EAST, AND THE DETERMINATION OF THE ACCRETION~~
~~THERETO.~~

Of the 6TH. PRINCIPAL *Meridian,*

In the State of NEBRASKA

EXECUTED BY

JOHN S. NICHOLES , U.S. SURVEYOR

In the capacity of U. S. Surveyor, under Special Instructions dated May 16 *, 19*27*,*
issued by the ~~*United States Surveyor General*~~ DISTRICT CADASTRAL ENGINEER *to govern surveys included in Group*
No. 62 *, which were approved by the Commissioner of the General Land*
Office, July 20 *, 19*27*, and Assignment Instructions dated* Aug. 26 *, 19*27

Survey commenced August 30, *, 19*27

Survey completed September 15, *, 19*27

6—151

INDEX DIAGRAM.

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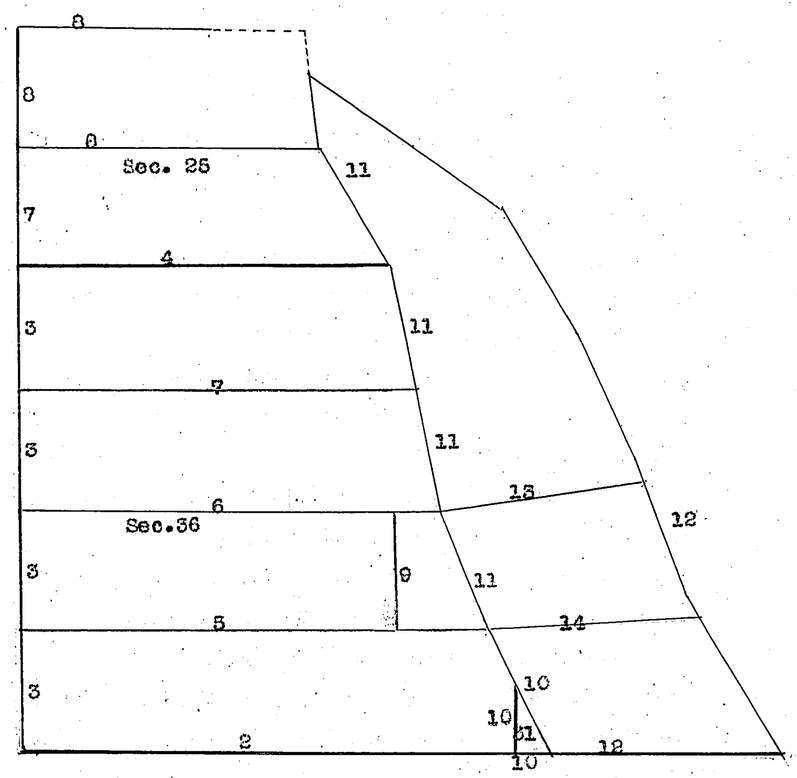
INDEX DIAGRAM



Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and the determination of the accretion thereto.

Method of Procedure.

In order to reestablish all the orig. cor. positions effecting Lot, 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and to determine the area of the accretion thereto, it was necessary to identify the orig. frac. Secs. 25 and 36, T. 1 N., R. 18 E., including the subdivisions; frac. Sec. 31, T. 1 N., R. 19 E. and the orig. meanders of the right bank of the Missouri River from the boundary of Kansas and Nebraska to the point of the beginning of accretions in frac. Sec. 25, T. 1 N., R. 18 E.

The orig. cors. on the exteriors of frac. Secs. 25 and 36, T. 1 N., R. 18 E., including all 1/16 corners were identified. As the positions for subdivisional corners of theses sections were established originally by the projection of the latitudinal 1/16 lines eastward from the W. bdy. of the sections, parallel to the S. bdy. of Sec. 36, T. 1 N., R. 18 E., placing corners at intervals of 20.00 chs. and establishing meander corners at the intersection of these lines with the right bank of the Missouri River: the determination of the reestablished positions for lost or obliterated 1/16 and meander corners was accomplished in the following manner:

By the projection of the lost or obliterated portions of the latitudinal 1/16 lines on the same bearing as determined between extant original 1/16 corners to the west, and the determination of distances in proportion to the distances between extant original 1/16 corners to west. The exception to this procedure is the identification of the latitudinal center line of frac. Sec. 25, on which no orig. corners were identified. This line was projected parallel to the S. 1/16 line of the same section and distances determined in proportion to distance determined between extant 1/16 corners on the S. 1/16 line.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and the determination of the accretion thereto.

The missing meander corner positions of Frac. Sec. 31, T. 1 N., R. 19 E. were determined by the projection of the lines the distances and bearings as recorded in the original field notes.

The resurvey of the orig. meanders of the right bank of the Missouri River was accomplished by the projection of right lines between previously reestablished points for meander corners on section and subdivisional lines.

The new survey with meanders of the present right bank of the Missouri River were initiated at the point of intersection of a line projected east from the position for the orig. standard meander cor. on S. Bdy. Sec. 31, T. 1 N., R. 19 E., with the present right bank of the Missouri River to the point of the beginning of accretion, Sec. 25, T. 1 N., R. 18 E.

The north and south boundaries of the accretion to Lot 3, Sec. 36, T. 1 N., R. 18 E. were established by projecting lines between the reestablished special meander corners of Lot 3, Sec. 36 and auxiliary meander corners established on the new meanders of the present right bank of the river by the following ratio:

As the total length of the resurvey of the original meanders is to the total length of the new meanders, so is the length of the resurvey of the original meander of Lot 3, to the total length of the new meanders of the accretion to Lot 3.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska and the determination of the accretion thereto.

Survey commenced Aug. 30, 1927 and executed with a Young and Son solar transit, No. 9961, fully equipped and conforming to the standard instrumental specification adopted by the General Land Office. The instrument and solar attachment were examined by the office and approved for use in this survey, conditional upon a satisfactory field test, a record of which follows. Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment and all measurements made with a Lallie five chain steel tape, compared with a Lufkin standard steel tape, and found correct.

Aug. 30, 1927; I examine the adjustments of the instrument and the solar attachment and remove all index errors; then, to test the solar apparatus by comparing its indications, resulting from a.m. and p. m. observations, with a meridian I determine by an observation on Polaris I proceed as follows:

At Rulo, Nebraska, in Sec. 18, T. 1 N., R. 17 E., 6th. P.M., in lat. 40°03'N. and long. 95°26'W., at 9h 00m p. m. l.m.t. I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a peg driven firmly in the ground, 10 chs. North.

Azimuth of Polaris 1°25'17".

Aug. 31, 1927: I lay off the azimuth of Polaris at elongation, 1°25' to the west, and mark the meridian thus determined, by a tack in a peg driven firmly in the ground, 10 chains north.

At 8h 30 m a. m. app. t. I set off 40°03'N. on the lat. arc., and 8°53'30" N. on the decl. arc, and determined a meridian with the solar. The solar meridian agrees with the meridian determined by Polaris. At 4h 00m p. m. app. t. I set off 40°03'N. on the lat. arc. and 8°47' N. on the decl. arc, and determine a meridian with the solar. The solar meridian agrees with the meridian previously determined by Polaris. I therefore conclude that the adjustments of the solar attachment are satisfactory.

The solar attachment was tested on the above described meridian nearly every day during the progress of this survey, described in the following field notes, always with satisfactory results.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M. Nebraska, and the determination of the accretion thereto.

CHAINS	(Resurvey of the survey of the South Boundary Sec. 36, T. 1 N., R. 18 E., 6th. P.M. executed by Deputies Reaves and Miller in 1890)
	From the initial corner of the Kansas and Nebraska Public Land Surveys, previously restored and described by Leo M. Peterson, U. S. Surveyor, in his report of Jan. 20, 1935, identical with the cor. of Tp. 1 N., Rs. 18 and 19 E.
	N. 89°53'W. along the S. bdy. Sec. 36, Range 18 East, on the Base Line between States of Kansas and Nebraska.
20.30	Intersect a limestone 12 x 12 x 2 ins. mkd. 1/16 S C on the N. face and is the recognized E. 1/16 standard cor. south boundary Sec. 36.
39.66	Intersect a limestone 3 x 14 ins. and 4 ins. above ground and mks. S C ¼ on S. face. This corner is at the corner of fences extending E., W. and N. and is recognized as the orig. standard ¼ sec. cor. S. bdy. Sec. 36.
59.83	The proportionate point for the W. 1/16 cor. S. bdy. Sec. 36. Found no evidence of the orig. cor.
79.60	Dig 10 ins. under the surface of road and intersect a broken limestone 14 x 10 x 2 ins. in an upright position with no markings legible. This stone is at the intersection of roads extending N., E. and W. and is recognized as the orig. standard cor. of Secs. 35 and 36. As this corner is in poor condition, to perpetuate the corner position, I
	Set an iron post, 3 ft. long, 2 ins. in diam., 40 ins. in the ground, for the standard cor. of Secs. 35 and 36, with a brass cap mkd.

36
T1N R18E
S35 | S36

1937

Place the original corner at the base of the iron post. As this position falls in center of road set iron post 4 ins. below the surface.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and the determination of the accretion thereto.

CHAINS	(Resurvey of the exterior and subdivisional lines of fractional Secs. 25 and 36, T. 1 N., R. 18 E., 6th. P.M. Nebraska, executed by Deputies Reaves and Miller in 1890.)
	From the standard cor. Secs. 35 and 36, herein before described.
	N. 0°29' E. bet. Secs. 35 and 36.
19.95	Intersect a limestone 9 x 12 x 12 ins. buried 10 ins. in the ground beneath the surface of the road extending N. and S. with markings partly legible. This stone is recognized as the orig. S. 1/16 sec. cor. bet. Secs. 35 and 36.
	Thence
	North bet. Secs. 35 and 36, continuing measurement.
39.99	Intersect a limestone 12 x 12 ins. and 4 ins. above the ground, firmly set and mkd. S ¼ on W. face. This stone is recognized as the orig. ¼ sec. cor. secs. 35 and 36. To further perpetuate the corner position, I mark
	An elm, 6 ins. in diam., bears N. 56½°W., 52 lks. dist., mkd. B 3 6 B T.
	A hickory, 6 ins. in diam., bears S 29°W., 65 lks. dist., mkd. B 3 3 6 B T.
	Thence N. 0°19' E. bet. Secs. 35 and 36, continuing measurement.
59.79	Intersect a limestone 4 x 6 ins. and 4 ins. above ground with badly weathered surfaces and no markings visible; Under E. and W. wire fence. This stone is recognized as the orig. N. 1/16 sec. cor. Secs. 35 and 36.
79.67	Intersect a charred oak stake 4 x 4 ins. and 10 ins. above ground with surfaces badly weathered, no markings visible. From which the remains of a black oak, a stump 14 ins. in diam., bears N 25°W., 40 lks. dist. This agrees with the orig. notes calling for a bearing tree at that position. This oak stake is recognized and accepted as the orig. cor. of Secs. 25, 26, 35 and 36.
	To perpetuate this corner position, alongside oak stake Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of Secs. 25, 26, 35 and 36,

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th., P.M., Nebraska,
0010 and the determination of the accretion thereto.

CHAINS with a brass cap mkd.

T1N R18E
S26 S25
S35 S36
1927

from which

A black oak, 16 ins. in diam., bears N. 80½°E., 33 lks. dist., mkd. T 1 N R 1 8 E S 2 5 B T.

A shell back hickory, 18 ins. in diam., bears N. 37½°W., 47 lks. dist., mkd. T 1 N R 1 8 E S 2 6 B T.

Thence
N. 89°40'E. bet. Secs. 25 and 36.

19.55 The proportionate point for the W. 1/16 sec. cor. bet. Secs. 25 and 36. Found no evidence of the orig. cor.

39.11 Intersect a limestone 2 x 8 ins. and 4 ins. above ground, mkd. ¼ on N. face and is at the cor. of fences extending E. W. and S. This stone is recognized as the orig. ¼ sec. cor. Secs. 25 and 36.

Thence
N. 89°36'E. bet. Secs. 25 and 36, continuing measurement

58.97 Intersect a limestone 6 x 12 ins. and 9 ins. above ground with eroded surfaces and no markings legible. There is slight indications of pit W. of stone 4 ft. dist. This stone is recognized as the orig. meander cor. of Secs. 25 and 36. To further perpetuate this corner position, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in theground, for the meander cor. Secs. 25 and 36, with a brass cap mkd.

S25 M
C
S36
1927

Raise a mound of stone 3 ft. base and 1½ ft. high. W. of iron post.

Identification of Lot 3, Sec. 36, T. 1 N., R. 1 8 E., 6th. P. M., Nebraska,
and the determination of the accretion thereto. 0011

CHAINS

From the orig. S. 1/16 sec. cor. bet. Secs. 35 and 36, hereinbefore described

S. 89°44'E; on the S. 1/16 line of Sec. 36.

19.95 The proportionate point for the SW. 1/16 sec. cor. Sec. 36. Found no evidence of the orig. cor.

39.90 Intersect a limestone 3 x 13 ins. and 5 ins. above ground with eroded surfaces and no markings visible. This stone is at the cor. of fences extending E., W. and S. and is recognized as the orig. south center 1/16 sec. cor. Sec. 36.

59.85 The proportionate point for SE. 1/ 16 sec. cor. Sec. 36, identical with the SW. cor. Lot 3, Sec. 36. Found no evidence of the orig. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. the ground, for the SE. 1/16 sec. cor. Sec. 36, with a brass cap mkd.

SE 1/16 S36
1927

from which

An elm, 14 ins. in diam., bears N. 17½°E., 34 lks. dist., mkd. SE 1/16 S 3 6 B T.

An elm, 6 ins. in diam., bears S. 72½°E., 45 lks. dist., mkd. S E 1/16 S 3 6 B T.

Thence along the S. bdy. Lot. 3.

Asc. over N. 15°W. slope through elm, hickory and oak timber, hazel and sumac brush.

66.25 Top of spur, 85 ft. above last cor., slopes N. Desc. over steep E. slope 135 ft. to

69.65 Center of C. B. & Q. R.R., bears S 30°E. and N 30°W. Desc. 8 ft. over railroad embankment and cross over river bottomland. Leave hickory, oak, sumac and hazel. Enter dense willows.

74.00 Enter cultivated land, bears N. and S.

74.85 The proportionate point for the meander corner on the S. 1/16 line of Sec. 36. Found no evidence of the orig. cor.
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the special meander cor. Sec. 36,

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th., P.M., Nebraska, and the determination of the accretion thereto.

CHAINS

with a brass cap mkd.

S 1/16 S
S 36 M
1927 C

As this corner falls in cultivated land, set an elm post 4 x 4 ins. x 5 ft. long alongside the iron post.

From the orig. ¼ sec. cor. Secs. 35 and 36.
S. 89°43'E. on the latitudinal center line. Sec. 36

19.81 The proportionate point for the west center 1/16 sec. cor. Sec. 36. Found no evidence of the orig. cor.

39.63 Intersect a limestone 12 x 4 ins. and 6 ins. above ground and mkd. ¼ on N. face. This stone is recognized as the orig. center ¼ sec. cor. Sec. 36.

59.44 The proportionate point for the east center 1/16 sec. cor. Sec. 36, identical with the NW. cor. of Lot 3. Found no evidence of the orig. cor.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the east center 1/16 sec. cor. Sec. 36, with a brass cap mkd.

E 1/16
C S36 C
1927

from which

A black oak, 14 ins. in diam., bears N 63°W., 35 lks. dist., mkd. C E 1/16 S 3 6 B T.

A black oak, 15 ins. in diam., bears S 11¼°E., 93 lks. dist., mkd. C E 1 /16 S 3 6 B T.

Thence along the N. bdy. of Lot 3.

Desc. over E. slope through hickory, oak and elm timber.

61.60 Descent more abrupt.

63.35 Center of C. B. & Q. R.R. track, bears N 2°E. and S 2°W., 100 ft. below last cor. Desc. over 8 ft. railroad embankment and cross river bottom land. Leave oak, hickory and elm. Enter dense willows and scattering willow and cottonwood trees.

66.88 The proportionate point for the meander cor. on the latitudinal center line of Sec. 36. Find no evidence of orig. cor.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and the determination of the accretion thereto.

CHAINS

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the special meander cor. Sec. 36, with a brass cap mkd.

C 1/16 S
S36 M
1927 C

from which

A black willow, 6 ins. in diam., bears N 16°E., 34 lks. dist., mkd. C 1/16 S 3 6 S M C B T.

From the orig. N. 1/16 sec. cor. bet. Secs. 35 and 36., herein before described.

S. 89°57'E. on the N. 1/16 line of Sec. 36.

19.95 Intersect a lime stone, 8 x 4 ins. and 4 ins. above ground, mkd. 1/16 on the N. face. This stone stands at the cor. of fences extending N., S., E. and W. and is recognized as the NW. 1/16 sec. cor. Sec. 36.

39.91 Intersect an oak post, 3 x 3 x 36 ins. and set 24 ins. in the ground; exposed surfaces partly decayed and no markings visible; evidence of old pit W. of post 3 ft. dist. This stake recognized as the N. center 1/16 sec. cor. Sec. 36.

59.86 The proportionate point for the NE. 1/ 16 sec. cor. Sec. 36. Found no evidence of the orig. cor.

63.26 The proportionate point for the meander cor. on the N. 1/16 line of Sec. 36. Found no evidence of the orig. cor.

From the restored orig. cor. Secs. 25, 26, 35 and 36, herein before described.

N. 0°52'E. bet. Secs. 25 and 26.

19.74 Intersect a limestone 8 x 12 ins. and 4 ins. above ground and mkd. 1/16 on W. face. This stone stands at cor. of fences extending N 15°W. and W. and is recognized as the orig. S. 1/16 sec. cor. bet. Secs. 25 and 26.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and the determination of the accretion thereto.

CHAINS	
39.49	Intersect an elm post 3 x 3 x 20 ins. lying on the ground, surfaces decayed and no markings visible, the decayed base of post intact in the ground; from which an oak, 20 ins. in diam., bears S. 80°W., 49 lks. dist., with deep blaze of proper age. This post is recognized as the orig. ¼ sec. cor. secs. 25 and 26.
	To perpetuate this corner position
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. Secs. 25 and 26, with a brass cap mkd.
	¼ S26 | S25 1927
	from which
	An oak, 20 ins. in diam., bears S 80°W., 49 lks. dist., mkd. ¼ S 2 6 B T. (Original bearing tree)
	An elm, 14 ins. in diam., bears S 78¾°E., 19 lks. dist., mkd. ¼ S 2 5 B T.

	From the orig. and restored ¼ sec. cor. bet. Secs. 25 and 26, herein before described.
	S 89°57'E. on the latitudinal center line of Sec. 25.
19.32	The proportionate point for the west center 1/16 sec. cor. Sec. 25. No evidence of orig. cor. found.
30.49	The present right bank of the Missouri River, bears N 60°W. and S 60°E.
	Note: The proportionate position for the meander cor. on the latitudinal center line of Sec. 25 falls at a point S. 89°57'E. 15.60 chs. dist. from this point in the present channel of the Missouri River.

	From the orig. S. 1/16 sec. cor. Sec. 25.
	S. 89°57'E. on the S. 1/16 line of Sec. 25.
19.82	The proportionate point for the SW. 1/16 sec. cor. Secs. 25. Found no evidence of the orig. cor.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6 th. P.M., Nebraska, and the determination of the accretion thereto.

CHAINS	
39.65	Intersect a black walnut stake 3 x 3 x 20 ins. set 10 ins in the ground, surfaces weathered with no markings visible. This stake is recognized as the orig. S. center 1/16 sec. cor., Sec. 25.
41.11	Intersect an oak, 20 ins. in diam., an orig. line tree blazed on E. and W. faces. This agrees with the orig. field notes recorded distance from the orig. S. center 1/16 sec. cor., Sec. 25.
48.27	The proportionate point for the meander cor. on the S. 1/16 line of Sec. 25. Found no evidence of the orig. cor.

	(Resurvey of the W. Bdy. of Lot 3, Sec. 36, T. 1 N., R. 18 E. Note: This line was not surveyed by Deputies Miller and Reaves in the original survey of 1890, but was protracted as such on the original plat of the Survey of that date. The boundary is determined by a right line between the reestablished NW. and SW. corners of Lot 3, frac. Sec. 36, T. 1 N., R. 18 E.)
	From the reestablished E. 1/16 sec. cor. on the latitudinal center line of Sec. 36, hereinbefore described.
	S. 1°10'E. on the W. bdy. of Lot 3, Sec. 36.
	Over rough broken land through scattering oak, hickory, elm and ash timber; oak, hazel and sumac underbrush, descending 18 ft. to
0.50	Small ravine, course S.60°E. Asc. over short steep N. slope, 55 ft.
1.00	Top of spur, slopes S.60°E. Desc. over gradual slope 30 ft.
3.70	Shallow ravine, course S.50°E. Asc. over NE. slope 30 ft.
5.50	Top of spur, slopes SE. Desc. over S. slope.
10.10	Old wood road, bears S60°E. and N.60°W.
14.35	Center of creek bottom, water in holes, course N 15°E., 1.50 chs. dist. thence E., 100 ft. below top of spur. Asc. over N. 15°W. slope 40 ft.
19.93	Intersect the reestablished SE. 1/16 sec. cor., Sec. 36, hereinbefore described.

CHAINS	
	(Resurvey of the exteriors of fractional T. 1 N., R. 19 E., 6th. P.M., Nebraska, executed by Deputies Reaves and Miller in 1890.)
	From the initial corner of Kansas and Nebraska Public Land Surveys, which is also the cor. of T. 1 N., Rs. 19 and 19 E., hereinbefore discussed,
	North on the W. Bdy. of T. 1 N., R. 19 E., between frac. Secs. 31 and 36.
11.74	The position for the orig. meander cor. of Secs. 31 and 36, as recorded in the original field notes. Found no evidence of the orig. cor.

	From the initial corner of the Kansas and Nebraska Public Land Surveys, which is also the cor. of T. 1 N., Rs. 18 and 19 E., hereinbefore discussed,
	East along the S. Bdy. of frac. Sec. 31, R. 19 E. on the Base Line and between the States of Kansas and Nebraska.
6.11	The position for the orig. standard meander corner on the S. Bdy. Sec. 31, as recorded in the original field notes. Found no evidence of the orig. cor.

	(Resurvey of the original meanders of the right bank of the Missouri River in fractional Sec. 31, T. 1 N., R. 19 E. and fractional Secs. 25 and 36, T. 1 N., R. 18 E., executed by Deputies Reaves and Miller in 1890.)
	From the position for the orig. standard meander corner on the S. bdy. of Sec. 31, R. 19 E., previously noted.
	Thence with the resurvey of the orig. meanders of frac. Sec. 31.
	N. 27°30'W. 13.24 chs.
	Intersect the position for the orig. meander cor. of Secs. 31 and 36, previously noted.

	Thence with the resurvey of the orig. meanders of Sec. 36, T. 1 N., R. 18 E.
	N. 30°19'W. 9.29 chs.

CHAINS	
9.29	Intersect the reestablished special meander corner to S. 1/16 line, Sec. 36, previously described.
	Thence
	Over rolling bottom land, to the east of base of high bluffs and railroad right-of-way. Along edge of cultivated land. (Meander of Lot 3, Sec. 36.)
	N. 21°43'W. 21.49 chs.
1.00	Leave cultivated land and enter dense willow brush and scattering cottonwood and willow timber.
21.49	Intersect the reestablished special meander corner to the latitudinal center line of Sec. 36, previously described.
	Thence
	N. 9°52'W., 20.48 chs.
20.48	Intersect the proportionate point for the meander corner to N. 1/16 line of Sec. 36., previously noted.
	Thence
	N. 11°38'W. 20.73 chs.
20.73	Intersect the restored meander corner to Secs. 25 and 36, previously described.

	Thence with the resurvey of the orig. meanders of frac. Sec. 25, T. 1 N., R. 18 E.
	N. 28°17'W., 21.95 chs.
21.95	Intersect the proportionate point for the meander corner to the S. 1/16 line, Sec. 25, previously noted.
	Thence
	N. 5°26'W. 19.84 chs.
12.92	Intersect the present right bank of the Missouri River, bears S. 55°20'E. and N. 55°20'W.; also the point of the beginning of accretions to fractional Secs. 25 and 36, T. 1 N., R. 18 E. and fractional Sec. 31, T. 1 N., R. 19 E.
	Note: At a point N. 5°26'W. 6.92 chs. dist. from this point of intersection with the right bank of the river, intersect the proportionate point for the meander corner

CHAINS

to the latitudinal center line, Sec. 25, previously noted, and which falls in the present channel of the Missouri River.

19.84 To the proportionate point for the meander corner to the latitudinal center line of Sec. 25, above discussed.

(Extension survey of the S. bdy. fractional Sec. 31, T. 1 N., R. 19 E. (Base Line)

From the recorded position for the standard meander cor. to S. Bdy. frac. Sec. 31, T. 1 N., R. 19 E., previously noted,

East along a projection of the S. bdy. Sec. 31, between t the States of Kansas and Nebraska on the Base LIne.

36.91 Intersect the right bank of the Missouri River, bears N 31°34'W. and South.

(The survey with meanders of the present right bank of the Missouri River, upstream.)

From the point of intersection of the extension of the S.bdy. of fractioanl Sec. 31, with the right bank of the Missouri River, previously noted,

N. 31°34'W.,	30.66 chs.	At 26.02 chs., the true point for the meander cor. and accretion point No.2, Lot 3, Sec. 36, T.1 N., R. 18 E., hereinafter described.
N. 18°30'W.,	24.30 chs.	At 20.18 chs., the true point for meander cor. and accretion point No. 1, Lot 3, Sec. 36, T.1 N., R. 18 E., hereinafter described.
N. 21°30'W.,	24.40 chs.	
N. 34°15'W.,	22.40 chs.	
N. 55°30'W.,	7.30 chs.	
N. 48°45'W.,	9.70 chs.	
N. 54°30'W.,	11.40 chs.	
N. 55°20'W.,	8.56 chs.	To intersection with resurveyed orig. meander line, at the point of the beginning of accretions.

CHAIN

(The survey of the north and south boundaries of the accretions to Lot 3, frac. Sec. 36, T. 1 N., R. 18 E.)

From the reestablished special meander cor. on the latitudinal center line, Sec. 36, herein before described, N. 80°32'E. on the N. bdy. of the accretions to Lot 3, Sec. 36.

Over bottom lands through willow brush and scattering cottonwoods and willow timber.

5.00 Leave timber and brush, bears N. and S. Enter cultivated land.

24.00 Leave cultivated land, bears N. 25°W. and S. 25°E. Right bank of slough or overflow channel.

25.00 Center of overflow channel, course S. 25°E. No water.

26.00 Left bank of overflow channel. Cross lower bottomland through young growth of willows.

29.50 Right bank of overflow channel, bears SE. and NW.

30.50 Center of slough or overflow channel, course SW. No water.

31.50 Left bank of channel; thence over bottom land through willows.

33.16 The witness auxiliary meander cor. and accretion point No. 1, Lot 3, Sec. 36, hereinafter described.

33.66 The true point for auxiliary meander cor. and accretion point No. 1, Lot, 3, Sec. 36, which falls on insecure ground at bank of Missouri River. At a point S. 80°32'W., 0.50 chs. dist.,

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the auxiliary witness meander cor. and accretion point No. 1, Lot 3, Sec. 36, with a brass cap mkd.

M WC
T1NR18E C
S36AP1
1927

Alongside iron post, set a yellow pine post 10 x 6 ins. and 8 ft. long.

Identification of Lot 3, Sec. 35, T. 1 N., R. 18 E., 6th. P.M., Nebraska, and the determination of the accretion thereto.

CHAINS	
	From the restablished special meander corner of the S. 1/16 line of Sec. 36, hereinbefore described. N. 85°57'E. on the S. bdy. of the accretion to Lot 3, Sec. 36.
	Over cultivated bottom land.
18.50	Edge of cultivated land, and right bank of overflow channel, bears N. and S.
19.75	Center of over flow channel, course S.
21.00	Left bank of channel, bears N. and S.; thence over bottomland through young willow growth.
33.57	The witness auxiliary meander cor. and accretion point No. 2, Lot 3, Sec. 36, hereinafter described.
34.17	The true point for the auxiliary meander cor. and accretion point No. 2., Lot 3, Sec. 36., which falls on insecure ground at the right bank of the Missouri River; at a point S.85°57'W., 0.60 chs. dist. from the true point

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the witness auxiliary meander cor. and accretion point No. 2, with a brass cap mkd.

S36
AP2 M WC
T1N R18E C
1927

Alongside iron post, set a walnut post 6 x 6 ins. and 8 ft. long

Survey completed September 15, 1927.

Identification of Lot 3, Sec. 36, T. 1 N., R. 18 E., 6th. P.M., Nebraska and the determination of the accretion thereto.

General Description of Lot 3, Sec. 36, T. 1 N., R. 18 E. and the accretion thereto.

The western half of Lot 3 is a rough and broken area of high bluffs about 175 feet above the Missouri River bottomland, covered with a fair stand of hickory, elm, oak and walnut timber, with a dense undergrowth of oak, hazel, willow and sumac brush. For reason of the rough nature of this area it is not adaptable for agricultural purposes. It is chiefly suitable to grazing and the merchanting of the better timber. The area is drained by a small creek which flows in an easterly direction into the bottomlands where it disappears. The C. B. & Q. R. R. follows the base of the bluffs, crossing the Lot in a general north and south direction.

The eastern portion of Lot 3 lies at the foot of the bluffs in the flood plain of the Missouri River and at an elevation of about 10 feet above the river level of Sept. 14, 1927. That portion which is not cultivated is covered with a dense growth of willows and scattering cottonwood and willow timber. The soil is first class and capable of producing excellent crops.

The accretion area is a flood plain built up by the Missouri River since 1890 and about 9 feet above the the river level of Sept. 14, 1927, with a highly productive soil classification, raising excellent crops. That portion which is situated to the east of an overflow channel which traverses in a north and south direction in the eastern area of the accretion, is of more recent origin, covered with a dense willow growth from one to three years of age, and is at an elevation of 7 feet above the river level of Sept. 14, 1927. The floor of the overflow channel above mentioned averages about 4 feet above the river level of Sept. 14, 1927 and was dry at the time of survey.

John S. Knowles

U.S. Surveyor.

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Michael W. Hopkins	chainman
Elmer Randall	axman
Samuel Randall	axman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, John S. Knowles, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. ~~Surveyor General~~ District Cadastral Engineer for District No. 8. bearing date of the 10th. day of May, 1927 I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Fractional Sections 35 and 36, Township 2 North, Range 10 East, and Fractional Section 31, Township 1 North, Range 10 East of the Sixth Principal Meridian, in the State of Nebraska, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. ~~Surveyor General~~ District Cadastral Engineer for District No.8 and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

John S. Knowles
U. S. Surveyor.

APPROVAL.

Office of the U.S. Supervisor of Surveys,
~~Office of the United States Surveyor General,~~

Denver, Colorado, January 8, 1928

The foregoing field notes of the survey of The Identification of Lot 5, Section 36, Township 2 North, Range 10 East, 6th. Principal Meridian, Nebraska, and the determination of the accretion thereto

executed by John S. Knowles, U. S. Surveyor

under his special instructions dated May 16, 1927, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Martin Johnson
~~U. S. Surveyor General.~~
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in Group 62, Nebraska, has been correctly copied from the original notes on file in this office.

Martin Johnson
~~U. S. Surveyor General.~~
U.S. Supervisor of Surveys.

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