

ORIGINAL

Location not
consistent
with any other
known or alleged
properties

333

4-679
(April 1933)

FIELD NOTES

OF

U. S. SURVEY No. 2683

HOMESITE OF VERNON S. ROSS

SITUATED

ON ALEXANDER CREEK, ABOUT 9 MILES NORTHWEST OF SUSITNA STATION

in

Latitude $61^{\circ}40'00''$ North (at corner No. 1) Longitude $150^{\circ}40'00''$ West.

AND

ESTABLISHMENT OF U. S. LOCATION MONUMENT No. 2683

Of the 2^d Meridian,

In the State of TERRITORY OF ALASKA

EXECUTED BY

F. W. WILLIAMSON CADASTRAL ENGINEER

Under special instructions dated February 20, 1946, 19, which provided
Survey
for the surveys included under Group No. 2683, bearing the approval of the
Commissioner of the General Land Office under date of April 11, 1946
and assignment instructions dated June 4, 1946, 19.

Survey commenced June 26, 1946, 19

Survey completed June 26, 1946, 19

FIELD NOTES OF U.S. SURVEY No. 2683

Chains

Survey begun June 26th 1946 and executed with a W. and L.F. Gurley transit No. 38105. The horizontal plates read by double opposite verniers to single minutes of arc, which is also the least count on the vernier of the vertical circle. After satisfactory tests the instrument was found free from appreciable error and approved by the district cadastral engineer for Alaska. Prior to beginning the survey I examine all the adjustments of the transit and find them correct.

All measurements were made with a 5 chain steel tape graduated its entire length to single links; first and last links to tenths of a link. The tape was tested on a base laid out with a 66 foot standard steel tape and found correct. All measurements were made on the slope to nearest tenth of a link and the vertical angle of each interval was ascertained with the transit circle; the horizontal equivalents, to nearest link, are entered in the field note record.

June 26, at corner No. 1 I make a series of 3 altitude observations of the sun for azimuth, each with the telescope in direct and reverse positions, observing the opposite limbs of the sun; the horizontal angle is turned left from mark to sun.
Latitude $61^{\circ}40'$ N. Longitude $150^{\circ}40'$ W. (approximate).

Observation	Inst.	Vertical angle	Horizontal angle	Time 135° meridian.
+	D	44°14'30"	22°22'00"	2:20 p.m.
-	P	44°33'00"	22°40'00"	
Mean		44°53'15"	22°31'00"	
+	R	44°52'00"	21°14'00"	
-	D	44°14'30"	21°31'00"	
Mean		44°33'15"	21°22'30"	
+	D	44°40'00"	20°27'00"	2:30 p.m. 2:25 p.m.
-	R	44°00'00"	20°47'00"	
Mean		44°20'00"	20°37'00"	

Course to mark 1st observation S. $70^{\circ}37'04''$ W.
 Course to mark 2nd observation S. $70^{\circ}37'04''$ W.
 Course to mark 3rd observation S. $70^{\circ}34'56''$ W.
 Mean of 3 observations S. $70^{\circ}36'22''$ W.

All lines were deflected from the true meridian and carried by fore and back sights.

The magnetic declination is $26^{\circ}30'$ East.

Begin at corner No. 1 on right bank of Alexander Creek.

Set an iron pipe $1\frac{1}{2}$ ins. diam., 30 ins. long, 24 ins. in the ground stamped with dies on SW. side

S 2683
C 1

1946

from which

A birch, 10 ins. diam., bears S. 60° W., $5\frac{1}{2}$ lks. dist., mkd.
S 2683 C 1 B.

A spruce, 10 ins. diam., bears S. $26^{\circ}45'$ W., 35 lks. dist., mkd.
S 2683 C 1 B.

FIELD NOTES OF U.S. SURVEY No. 2683

Chains U.S.L.M. No. 2683, hereinafter described, bears S. 26°16' W., 1.12 chs.

West

Over rolling land, through spruce and birch timber and dense undergrowth.

7.70 Leave level land, ascend 35 ft.

10.00 Point for cor. No. 2

Set a galvanized iron pipe, 30 ins. long, $1\frac{1}{2}$ ins. diam., 24 ins. in the ground stamped with dies on SE. side

S 2683

C 2

1946

from which

A spruce, 8 ins. diam., bears N. 41°30' E., 33 lks. dist., mkd.
S 2683 C 2 BT.

A spruce, 7 ins. diam., bears S. 32°20' E., 29 lks. dist., mkd.
S 2683 C 2 BT.

South

Descend through spruce and birch timber and dense undergrowth.

4.00 Foot of descent, 35 ft. below cor. No. 2.

Thence over level land.

5.00 Point for cor. No. 3

Set a galvanized iron pipe, 30 ins. long, $1\frac{1}{2}$ ins. diam., 24 ins. in the ground, stamped with dies on NE. face.

S 2683

C 3

1946

from which

A birch, 9 ins. diam., bears E. 15°45' E., 56 lks. dist., mkd.
S 2683 C 3 BT.

A birch, 10 ins. diam., bears S. 57°15' E., 20 lks. dist., mkd.
S 2683 C 3 BT.

East

Over level land, through spruce and birch timber and dense undergrowth.

9.29 Top of steep creek bank. Point for witness cor. No. 4.

Set a galvanized iron pipe, 30 ins. long, $1\frac{1}{2}$ in. diam., 24 ins. in the ground, stamped with dies on E. side.

30

S 2683

C 4

FIELD NOTES OF U.S. SURVEY No. 2683

Chains

from which

A spruce, 6 ins. diam., bears N. $39^{\circ}45'$ W., 21 $\frac{1}{2}$ lks. dist., mkd.
WC S 2683 C 4 BT.

A spruce, 6 ins. diam., bears N. $86^{\circ}15'$ W., 33 lks. dist., mkd.
WC S 2683 C 4 BT.

Descend steep creek bank.

9.65 Edge of creek, right bank of Alexander Creek, course S. 10° E., 25 ft. below witness cor.

10.00 True point for corner No. 4, impracticable to establish as corner point falls in Alexander creek.

North

Follow up Alexander creek, 50 lks. wide, 2 ft. deep, clear water, swift current.

4.20 Leave creek, ascend bank 4 ft. high.

Thence over level land.

5.00 Corner No. 1, containing 5.00 acres.

ESTABLISHMENT OF U.S. LOCATION MONUMENT No. 2683.

On a prominent point, set a granite rock, 24 x 12 x 12 ins., 18 ins. in the ground, mkd.

U S L M

2683 on S. face, with cross on top.

from which

A birch, 12 ins. diam., bears N. $14^{\circ}30'$ E., 40 lks. dist., mkd.
U S L M 2683 BT.

A birch, 6 ins. diam., bears N. $57^{\circ}35'$ W., 51 lks. dist., mkd.
U S L M 2683 BT.

Corner No. 1 bears N. $26^{\circ}16'$ E., 1.12 chs. dist.

Tie to improvements.

From corner No. 1

S. $25^{\circ}15'$ W., 1.07 chs. to a point from which

SW. cor. cache bears S. $44^{\circ}05'$ W., 1.93 chs.
NE. cor. S. $46^{\circ}15'$ W., 1.81 chs.
Other dimension 10 ft.

SE. cor. log house bears S. $40^{\circ}40'$ W., 1.63 $\frac{1}{2}$ lks. dist.
NE. cor. S. $50^{\circ}55'$ W., 1.44 chs. dist.
Other dimension 30 ft.

SE. cor. shed bears S. $79^{\circ}50'$ W., 1.50 chs.
NE. cor. shed N. $81^{\circ}50'$ W., 1.38 chs.
Other dimension 14 ft.

FIELD NOTES OF U.S. SURVEY No. 2683.

REPORT OF SURVEY.

This survey is situated in a very remote location particularly so in summer season. Access in winter season is evidently by winter trail on Alexander creek. The nearest settlement is Susitna Station about 9 miles SE.

Access in summer season is only possible by float plane on a small lake about $3\frac{1}{2}$ miles distant, East of the survey, and then overland by foot without trail. Regular corner posts were dropped from float plane near the survey but after diligent search could not be located later. Galvanized iron pipe found on the survey were used for corners as suitable rock was not available.

GENERAL DESCRIPTION.

This survey is situated on Alexander Creek, a tributary of the Susitna River, approximately 9 miles NW. of Susitna Station.

Alexander creek is about 50 lks. wide, mud and gravel bottom, swift current. It is not navigable.

The claim is nearly all level land. The soil is sandy loam and glacial silt. It is covered with spruce and birch timber and dense undergrowth, berry bushes and second growth.

The claimant has well constructed log buildings and about $\frac{1}{2}$ acre cleared. He was not present at the time of survey.

The only location stake found was group of 4 birch trees near the boat landing.