

VOLUME 927

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE SUBDIVISIONAL LINES,

AND THE

SURVEY OF THE SUBDIVISION OF SECTION 20,

TOWNSHIP 45 NORTH, RANGE 101 WEST,

OF THE SIXTH PRINCIPAL MERIDIAN,

IN THE STATE OF WYOMING.

EXECUTED BY

ERIC J. BEARDEN

CADASTRAL SURVEYOR

Under special instructions dated JULY 2, 2018, approved JULY 2, 2018, which provided for the surveys included under Group Number 998, Wyoming, and assignment instructions dated JULY 2, 2018.

Survey commenced AUGUST 6, 2018

Survey completed JUNE 25, 2020

INDEX DIAGRAM

Township 45 North, Range 101 West

6	5	4	3	2	1	WEST
7	8	9	10	11	12	
18	17	16	15	14	13	AUXILIARY
19	9 7 20 6	2 21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	
ELEVENTH	STANDARD	PARALLEL	NORTH			

T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

<p>Chains</p>	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the survey of the subdivision of section 20, Township 45 North, Range 101 West, Sixth Principal Meridian, Wyoming.</p> <p>The history of surveys pertaining to this resurvey is as follows:</p> <p>1883 - Charles A. Honey, U.S. Deputy Surveyor, under Contract No. 185, dated July 10, 1882, surveyed the subdivisional lines, as shown on the plat approved February 8, 1884. (This survey was subsequently cancelled.)</p> <p>1916 - John Gonin and Eugene L. Harshbarger, U.S. Transitmen, under Group No. 34, dated March 28, 1916, surveyed the private land claims and independently resurveyed the subdivisional lines, as shown on the plat approved February 12, 1919.</p> <p>Local surveys have been executed in the area and acceptance of these are contained herein.</p> <p>The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 2009, and the special instructions for Group No. 998, Wyoming, dated July 2, 2018.</p> <p>Preliminary to the resurvey, the lines of the previous surveys were retraced and diligent search was made for all corners and other calls of the field note record. Identified corners were remonumented in their original positions. Lost corners were reestablished and monumented at proportionate positions based on the latest official record, but only after exhausting every possibility of finding direct evidence of such corners. The retracement data were thoroughly verified and only true line field notes are given herein, which refer to the completed survey.</p> <p>The direction and length of all lines were determined by TRIMBLE Model R8M3 Global Positioning System/Global Navigation Satellite Systems (GPS/GNSS) receivers. Cadastral project control and corner measurements determined during the GPS/GNSS survey achieve the accuracy standards stated in <i>Standards for the Positional Accuracy of Cadastral Surveys When Using Global Navigation Satellite Systems (GNSS)</i>, dated February 23, 2009. The directions of all lines refer to the true meridian and are reported as mean bearings. All reported positions are referenced to the NAD 83(2011) (EPOCH:2010) datum. The distances are reported as horizontal measurements at a mean ground elevation of 8500.00 sft. above the ellipsoid.</p>
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T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains

The National Geodetic Survey Online Positioning User Service (OPUS) - Static was used to determine the coordinates of the following BLM GPS Control Point:

Name	Latitude	Longitude	HAE
BLM 5020	43° 51' 33.629" N.	108° 59' 53.798" W.	8401.90 sft.

Documentation of the position determinations is included in the group file.

The geographic position of the following corners, determined from the GPS/GNSS survey, are:

The cor. of secs. 20, 21, 28 and 29.

Latitude	Longitude
43° 50' 46.235" N.	108° 59' 33.714" W.

The cor. of secs. 17, 18, 19 and 20.

Latitude	Longitude
43° 51' 38.607" N.	109° 00' 46.044" W.

The mean magnetic declination, as computed by the National Centers for Environmental Information (NCEI) declination calculator, is 10½° E.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

(Restoring the resurvey executed by
John Gonin and Eugene L. Harshbarger in 1916)

Beginning at the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, in a collar of stone with a steel sign post nearby, with brass cap mkd.

T45N	
R101W	
S 20	S 21
S 29	S 28
1916	

from which the remaining 1916 bearing trees

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	<p>A dead standing pine, 14 ins. diam., bears N. 6° E., 60 lks. dist., mkd. T45N R101W S20 BT on open blaze. (Record: N. 0° 10' W.)</p> <p>A root hole bears S. 8° E., 14 lks. dist., alongside of which is a leaning spruce, 14 ins. diam., mkd. T45N R101W S28 BT on open blaze.</p> <p>A root hole bears S. 52° W., 9 lks. dist., alongside of which is lying a pine, 10 ins. diam., mkd. T45N R101W S29 BT on open blaze.</p>
	<p>from which the bearing trees established in 1983 by Michael J. Quinn, Wyoming Professional Land Surveyor No. 4270, as described on his corner record, Instrument No. 334813, filed in the Hot Springs County Clerk's Office</p>
	<p>A spruce, 14 ins. diam., bears N. 40° E., 20 lks. dist., mkd. T45N R101N S21 BT on open blaze. (Record: N. 58° 48' 47" E., 14.45 ft.)</p>
	<p>A spruce, 12 ins. diam., bears S. 56° W., 26 lks. dist., mkd. T45N R101W S29 BT on open blaze. (Record: S. 49° 22' 59" W., 12.70 ft.)</p>
	<p>Cor. is located on a gradual NE. facing downward slope in heavy timber.</p>
	<p>N. 0° 13' W., bet. secs. 20 and 21.</p>
	<p>Over mountainous terrain with N. and NW. facing downward slopes in heavy timber.</p>
7.80	<p>Cottonwood Cut-Across, being Forest Service Road 218, bears WNW. and ESE.</p>
8.84	<p>Poorly maintained dirt road, bears E. and W.</p>
20.18	<p>The S. 1/16 sec. cor. of secs. 20 and 21, monumented by David C. Lee, Wyoming Professional Land Surveyor No. 9007, with a spruce, 11 ins. diam., mkd. S1/16 S21 on painted open blaze on W. side, from which a reference monument established by Mr. Lee</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

<p>Chains</p>	<p>A steel reinforcement rod, 5/8 in. diam., bears S. 30° W., 1 lk. dist., firmly set flush with the surface of the ground, in a collar of stone and a steel sign post nearby, with aluminum cap mkd.</p> <p style="text-align: center;">JORGENSEN ASSOCIATES T45N R101W S1/16 S 20 S 21 RM N30°E 0.6 FT 2007 PLS 9007</p> <p>from which the bearing trees established by Mr. Lee</p> <p>A spruce, 12 ins. diam., bears N. 14° E., 28 lks. dist., mkd. S1/16 S21 BT on healing blaze, with metal bearing tree tag on S. side. (Record: pine, N. 18° E.)</p> <p>A dead standing pine, 14 ins. diam., bears N. 89° W., 15 lks. dist., mkd. S1/16 S20 BT on open blaze, with metal bearing tree tag on SE. side. (Record: N. 78° W.)</p> <p>This position is filed in the Hot Springs County Clerk's Office and is accepted as a careful and faithful determination of the corner position.</p> <p>Cor. is located on a steep W. facing downward slope in heavy timber.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 21' W., beginning new measurement.</p> <p>Over steep terrain.</p> <p>20.15 The 1/4 sec. cor. of secs. 20 and 21, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 20 S 21 1916</p> <p>from which the bearing trees established in 1998 by R. L. Hudson, Wyoming Professional Land Surveyor No. 519, as described on his corner</p>
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Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	<p>record, Instrument No. 424184, filed in the Hot Springs County Clerk's Office</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N. 87° E., 57 lks. dist., mkd. O 1/4 S21 BT on open blaze. (Record: 35.8 feet)</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N. 30° W., 16 lks. dist., mkd. O 1/4 S20 BT on open blaze. (Record: N. 22° W.)</p> <p>There is no remaining evidence of the 1916 bearing trees.</p> <p>Cor. is located in scattering timber and shrubs.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 0° 14' W., beginning new measurement.</p> <p>Over a gradual NW. facing downward slope, through scattering timber.</p>
2.85	Dirt road, bears NE. and SW.
6.70	Grass Creek, 20 lks. wide, drains ENE.
7.45	Leave heavy timber, edge bears E. and WSW.
7.70	Grass Creek Road, gravel surface, bears E. and WSW. Ascend steep mountainous terrain, over sagebrush.
19.98	<p>Point for the N. 1/16 sec. cor. of secs. 20 and 21.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, atop a plastic encased magnetic marker, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>T45N R101W N 1/16 S 20 S 21 2020</p> </div> <p>Set a steel fence post nearby.</p> <p>Cor. is located on a steep SW. facing downward slope in rocky terrain.</p> <p>From this point, a steel reinforcement rod, 5/8 in. diam., firmly set, projecting</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	<p>2 ins. above the ground, with an aluminum cap mkd. JORGENSEN ASSOCIATES T45N R101W N1/16 S20 S21 2007 PLS 9007, bears S. 83° 18' E., 9.8 lks. dist. This position was established by David C. Lee, Wyoming Professional Land Surveyor No. 9007, based on erroneous measurement, filed in the Hot Springs County Clerk's Office is not accepted as a careful and faithful determination of the cor. position. With permission from Mr. Lee, remove steel reinforcement rod and deposit inside stainless steel post.</p>																				
32.00	Enter heavy timber, edge bears WNW. and SE.																				
39.96	<p>The cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="4">T45N</td></tr> <tr><td colspan="4">R101W</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 17</td><td style="border-right: 1px solid black; padding: 0 5px;"> </td><td style="padding: 0 5px;">S 16</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 20</td><td style="border-right: 1px solid black; padding: 0 5px;"> </td><td style="padding: 0 5px;">S 21</td><td></td></tr> <tr><td colspan="4">1916</td></tr> </table> </div> <p>from which the remaining 1916 bearing trees</p> <p style="margin-left: 40px;">A pine, 10 ins. diam., bears S. 62° E., 46 lks. dist., mkd. T45N R101W S21 BT on healing blaze. (Record: spruce, S. 58¼° E.)</p> <p style="margin-left: 40px;">A root hole bears S. 37° W., 30 lks. dist., alongside of which is lying a spruce, 10 ins. diam., mkd T45N R101W S20 BT on open blaze. (Record: S. 44° W.)</p> <p style="margin-left: 40px;">A spruce, 7 ins. diam., bears N. 43° W., 8 lks. dist., mkd. T45N R101W S17 BT on healing blaze. (Record: N. 61°10' W.)</p> <p>Cor. is located on a gradual N. facing downward slope in timber.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>S. 89° 56' W., bet. secs. 20 and 29.</p> <p>Over steep mountainous terrain.</p>	T45N				R101W				S 17		S 16		S 20		S 21		1916			
T45N																					
R101W																					
S 17		S 16																			
S 20		S 21																			
1916																					

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	Point for the E. 1/16 sec. cor. of secs. 20 and 29. Point not monumented.
20.02	The 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, in a collar of stone
40.04	with a steel sign post nearby, with brass cap mkd.
	<p style="text-align: center;">S 20 1/4— S 29 1916</p>
	from which the remaining 1916 bearing trees
	<p style="text-align: center;">A pine, 13 ins. diam., bears S. 28° E., 23 lks. dist., mkd. 1/4 S29 BT on open blaze. (Record: S. 23° E.)</p>
	<p style="text-align: center;">A dead standing pine, 12 ins. diam., bears N. 3° W., 11 lks. dist., mkd. 1/4 S20 BT on open blaze. (Record: N. 7° E.)</p>
	Rehabilitate the collar of stone, 3 ft. base by 1/2 ft. high.
	Cor. is located in grassy clearing with scattering timber.
	<hr style="width: 20%; margin: auto;"/>
	S. 89° 58' W., beginning new measurement.
	Over a S. facing downward slope, through scattering timber.
39.81	The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., leaning S., projecting 12 ins. above the ground, in a supporting mound of stone, 3 ft. base, 1/2 ft. high, with brass cap mkd.
	<p style="text-align: center;">T45N R101W S 19 S 20 S 30 S 29 1916</p>
	from which the remaining 1916 bearing trees
	<p style="text-align: center;">A dead standing pine, 26 ins. diam., bears N. 5° E., 58 lks. dist., with illegible scribe marks visible on partially healed blaze.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	<p>A dead standing pine, 26 ins. diam., bears S. 33° E., 63 lks. dist., with rotted center, mkd. T45N R101W S29 BT on open blaze, with metal bearing tree tag on NW. side.</p>
	<p>A dead standing pine, 28 ins. diam., bears S. 77° W., 46 lks. dist., with healed blaze, with metal bearing tree tag on E. side.</p>
	<p>A dead standing pine, 12 ins. diam., bears N. 54° W., 55 lks. dist., with healed blaze, with metal bearing tree tag on SE. side.</p>
	<p>Rehabilitate monument and supporting mound of stone, 3 ft. base, to top.</p>
	<p>Cor. is located on a gradual S. facing downward slope in scattering timber.</p> <hr/>
	<p>N. 0° 25' W., bet. secs. 19 and 20.</p>
	<p>Over steep mountainous terrain.</p>
	<p>6.90 Enter heavy timber, edge bears SE. and NW.</p>
	<p>17.70 Grass Creek, 20 lks. wide, drains ESE. Leave heavy timber.</p>
	<p>36.40 Enter heavy timber, edge bears E. and W.</p>
	<p>40.43 The 1/4 sec. cor. of secs. 19 and 20, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, in a collar of stone, with brass cap mkd.</p>
	<p style="text-align: center;">1/4 S 19 S 20 1916</p>
	<p>from which the remaining 1916 bearing trees</p>
	<p>A dead standing spruce, 23 ins. diam., bears S. 1° E., 15 lks. dist., mkd. 1/4 S20 BT on mostly healed blaze. (Record: pine, S. 73° E., 11 lks. dist.)</p>
	<p>A spruce, 19 ins. diam., bears N. 75° W., 12 lks. dist., mkd. 1/4 S19 BT on healing blaze. (Record: balsam, S. 63° W., 21 lks. dist.)</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

<p>Chains</p> <p>40.03</p> <p>20.01</p>	<p>Rehabilitate the collar of stone and set an aluminum sign post alongside the iron post.</p> <p>Cor. is located on a gradual NW. facing downward slope in timber.</p> <hr/> <p>N. 0° 17' W., beginning new measurement.</p> <p>Over steep mountainous terrain.</p> <p>The cor. of secs. 17, 18, 19 and 20, monumented with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td>T45N</td></tr> <tr><td>R101W</td></tr> <tr><td>S 18 S 17</td></tr> <tr><td>S 19 S 20</td></tr> <tr><td>1916</td></tr> </table> </div> <p>from which the remaining 1916 bearing trees</p> <p>A dead standing spruce, 14 ins. diam., bears S. 39° E., 27 lks. dist., mkd. T45N R101W S20 BT on open blaze. (Record: S. 32° E.)</p> <p>A stump hole, bears S. 83° W., 12 lks. dist., alongside of which is lying a pine, 12 ins. diam., mkd. T45N R101W S19 BT on open blaze. (Record: S. 70° W.)</p> <p>Cor. is located on a gradual NE. facing downward slope in scattering timber.</p> <hr/> <p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>N. 89° 58' W., bet. secs. 17 and 20.</p> <p>Over a gradual N. facing downward slope, through heavy timber.</p> <p>Point for the E. 1/16 sec. cor. of secs. 17 and 20.</p>	T45N	R101W	S 18 S 17	S 19 S 20	1916
T45N						
R101W						
S 18 S 17						
S 19 S 20						
1916						

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, atop a plastic encased magnetic marker, with brass cap mkd.</p> <p style="text-align: center;">T45N R101W S 17 E 1/16 ——— S 20 2020</p> <p>from which new ties to the bearing trees established by Mr. Lee</p> <p style="padding-left: 40px;">A dead standing pine stump, 19 ins. diam., bears N. 1° E., 19 lks. dist., mkd. E 1/16 S17 BT on open blaze, with metal bearing tree tag on S. side.</p> <p style="padding-left: 40px;">A dead standing pine stump, 19 ins. diam., bears N. 56° W., 33 lks. dist., mkd. E 1/16 S17 BT on open blaze, with metal bearing tree tag on SE. side.</p> <p>Cor. is located on a NW. facing downward slope in heavy timber.</p> <p>From this point, a steel reinforcement rod, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with aluminum cap mkd. JORGENSEN ASSOCIATES T45N R101W E1/16 S17 S20 2007 PLS 9007, with aluminum sign post nearby, bears S. 79° 21' E., 11.2 lks. dist. This position was established by David C. Lee, Wyoming Professional Land Surveyor No. 9007, based on erroneous measurement, filed in the Hot Springs County Clerk's Office is not accepted as a careful and faithful determination of the cor. position. With permission from Mr. Lee, remove steel reinforcement rod and deposit inside stainless steel post.</p>
28.48	Grass Creek Road, gravel surface, bears NW. and SE. Ascend steep NE. slope, through heavy timber.
29.27	From this point, a position established by R. L. Hudson, Wyoming Professional Land Surveyor No. 519, bears NORTH, 2 lks. dist., monumented with a steel reinforcement rod, 5/8 in. diam., firmly set, flush with the surface of the ground, with aluminum cap mkd. POSL CE133 R/W LS519 2005, with an aluminum sign post nearby.
40.02	The 1/4 sec. cor. of secs. 17 and 20, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with an aluminum sign post nearby, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	S 17 1/4— S 20 1916
	from which the remaining 1916 bearing tree A pine, 11 ins. diam., bears S. 23¼° W., 26 lks. dist., mkd. 1/4 S20 BT on healing blaze. Cor. is located on a steep E. facing downward slope in heavy timber and undergrowth. From this point, GPS/GNSS project control point BLM 5020 bears S. 67° 16' E., 19.61 chs. dist., monumented with an iron FENO® rod, 24 ins. long, 3/4 in. diam., set flush with the surface of the ground, with aluminum cap mkd. D.O.I. B.L.M. GPS CONTROL POINT 5020 2018. <hr style="width: 30%; margin: auto;"/> N. 89° 54' W., beginning new measurement. Over steep mountainous terrain. 3.10 Leave heavy timber, edge bears SE. and NW. 39.93 The cor. of secs. 17, 18, 19 and 20. <hr style="width: 80%; margin: auto;"/> <div style="text-align: center;"> Survey of the Subdivision of Section 20, T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming </div> <hr style="width: 80%; margin: auto;"/> From the 1/4 sec. cor. of secs. 20 and 29. N. 0° 16' W., on the N. and S. center line of sec. 20. Over a steep N. facing downward slope, through heavy timber. 20.195 Point for the center S. 1/16 sec. cor. of sec. 20. Point not monumented. 22.23 Cottonwood Cut-Across, being Forest Service Road 218, bears E. and W. 25.15 Leave heavy timber, edge bears NE. and SW.

Survey of the Subdivision of Section 20,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
25.81	Grass Creek, 20 lks. wide, drains NE. Ascend gradual SE. facing slope, through scattering timber.
29.00	Grass Creek Road, gravel surface, bears NE. and SW.
38.53	Grass Creek Road, gravel surface, bears NNE. and SSW.
40.39	<p>Point for the center 1/4 sec. cor. of sec. 20, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, atop a plastic encased magnetic marker, with brass cap mkd.</p> <p style="text-align: center;">T45N R101W C 1/4 S 20 2020</p> <p>Raise a mound of stone, 3 ft. base, 1 ft. high, E. of the cor., and set aluminum sign post nearby.</p> <p>Cor. is located at the top of the cut slope for Grass Creek Road, along the W. right-of-way.</p> <p>From this point, a steel reinforcement rod, 5/8 in. diam., firmly set flush with the surface of the ground, with aluminum cap mkd. PROTRACTED C1/4 COR S20 CE133 T45N R101W LS519 2005, with an aluminum sign post nearby and a mound of stone, 2 ft. base, 1 ft. high, E. of the cor., bears S. 87° 00' E., 5.4 lks. dist. This position was established by R. L. Hudson, Wyoming Professional Land Surveyor No. 519, at an approximate location as shown on his corner record, filed in the Hot Springs County Clerk's Office is not accepted as a careful and faithful determination of the cor. position.</p>
43.09	Grass Creek Road, gravel surface, bears NNW. and SSE.
54.53	Grass Creek Road, gravel surface, bears NE. and SW. Ascend steep mountainous terrain.
60.38	<p>Point for the center N. 1/16 sec. cor. of sec. 20. Point not monumented.</p> <p>Over steep mountainous terrain, through scattering timber.</p>

Survey of the Subdivision of Section 20,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
75.20	Enter heavy timber, edge bears NNW. and SSE.
80.37	The 1/4 sec. cor. of secs. 17 and 20. <hr/>
	From the 1/4 sec. cor. of secs. 20 and 21. N. 89° 59' W., on the E. and W. center line of sec. 20. Over gradually rolling terrain, through scattering timber.
2.48	Dirt road, bears NNE. and S.
3.62	Dirt road, bears NNE. and SSW.
14.29	Grass Creek, 20 lks. wide, drains NE.
19.57	Grass Creek Road, gravel surface, bears NE. and SW.
20.01	Point for the center E. 1/16 sec. cor. of sec. 20. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, atop a plastic encased magnetic marker, with brass cap mkd. <div style="text-align: center;"> T45N R101W E 1/16 C ————— C S 20 2020 </div> from which new tie to the remaining bearing object determined by Mr. Lee A position established by R. L. Hudson, Wyoming Professional Land Surveyor No. 519, bears S. 0° 42' W., 1.13 chs. dist., monumented with a steel reinforcement rod, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, in a collar of stone, with aluminum cap mkd. HOT SPRINGS COUNTY CR36 ROW STA 1135+04.34 TERMINUS RLH LS519 1989, with a steel fence post nearby. Cor. is located on a grassy SE. facing slope, along the NW. right-of-way of Grass Creek road.

Survey of the Subdivision of Section 20,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
	<p>From this point, a steel reinforcement rod, 5/8 in. diam., firmly set, projecting 1 in. above the ground, in a collar of stone, with aluminum cap mkd. JORGENSEN ASSOCIATES T45N R101W C-E 1/16 S20 2007 PLS 9007, bears S. 89° 24' E., 4.0 lks. dist., with an aluminum sign post nearby. This position was established by David C. Lee, Wyoming Professional Land Surveyor No. 9007, based on erroneous control, filed in the Hot Springs County Clerk's Office is not accepted as a careful and faithful determination of the cor. position. With permission from Mr. Lee, remove steel reinforcement rod and deposit inside stainless steel post.</p>
39.59	Grass Creek Road, gravel surface, bears NNE. and SSW.
40.02	The center 1/4 sec. cor. of sec. 20.
79.93	The 1/4 sec. cor. of secs. 19 and 20.
	<hr/> <p>From the center E. 1/16 sec. cor. of sec. 20.</p> <p>N. 0° 15' W., on the N. and S. center line of the NE1/4 of sec. 20.</p> <p>Ascending steep mountainous terrain, over sagebrush.</p>
19.985	<p>Point for the NE. 1/16 sec. cor. of sec. 20, at intersection with the E. and W. center line of the NE1/4.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, in a collar of stone, atop a plastic encased magnetic marker, with brass cap mkd.</p> <p style="text-align: center;">T45N R101W NE 1/16 S 20 2020</p> <p>from which new ties to the bearing trees established by Mr. Lee</p> <p>A dead standing pine, 10 ins. diam., bears N. 89° E., 50 lks. dist., mkd. N 1/16 S20 BT on open blaze, with a metal bearing tree tag on W. side.</p> <p>A dead standing pine, 17 ins. diam., bears S. 81° W., 61 lks. dist., mkd. X BT on open blaze, with metal bearing tree tag on E. side.</p>

Survey of the Subdivision of Section 20,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	<p>Set an aluminum sign post nearby.</p> <p>Cor. is located on a steep S. facing downward slope in sagebrush.</p> <p>From this point, a steel reinforcement rod, 5/8 in. diam., firmly set, projecting 6 ins. above the ground, in a collar of stone, with aluminum cap mkd. JORGENSEN ASSOCIATES T45N R101W NE 1/16 S20 2007 PLS 9007, bears S. 84° 03' E., 7.7 lks. dist., This position was established by David C. Lee, Wyoming Professional Land Surveyor No. 9007, based on erroneous control, filed in the Hot Springs County Clerk's Office is not accepted as a careful and faithful determination of the cor. position. With permission from Mr. Lee, remove steel reinforcement rod and deposit inside stainless steel post.</p>
32.86	<p>From this point, a position established by R. L. Hudson, Wyoming Professional Land Surveyor No. 519, bears EAST, 6 lks. dist., monumented with a steel reinforcement rod, 5/8 in. diam., firmly set, flush with the surface of the ground, with aluminum cap mkd. PROT POL CE133 LS519 2005, with an aluminum sign post nearby.</p>
39.97	<p>The E. 1/16 sec. cor. of secs. 17 and 20.</p> <hr/> <p>From the N. 1/16 sec. cor. of secs. 20 and 21.</p> <p>N. 89° 59' W., on the E. and W. center line of the NE1/4 of sec. 20.</p> <p>Over steep mountainous terrain, through scattering timber and sagebrush.</p>
20.01	<p>The NE. 1/16 sec. cor. of sec. 20.</p>
28.94	<p>Grass Creek Road, gravel surface, bears NE. and SW.</p>
40.02	<p>The point for the center N. 1/16 sec. cor. of sec. 20.</p> <hr/> <p>From the point for the E. 1/16 sec. cor. of secs. 20 and 29.</p> <p>N. 0° 16' W., on the N. and S. center line of the SE1/4 of sec. 20.</p> <p>Over a steep N. facing downward slope, through heavy timber.</p>
11.57	<p>Cottonwood Cut-Across, being Forest Service Road 218, bears NW. and SE.</p>

Survey of the Subdivision of Section 20,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	
20.19	<p>Point for the SE. 1/16 sec. cor. of sec. 20, at intersection with the E. and W. center line of the SE1/4.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, in a collar of stone, atop a plastic encased magnetic marker, with brass cap mkd.</p> <p style="text-align: center;">T45N R101W SE 1/16 S 20 2020</p> <p>from which new ties to the bearing trees established by Mr. Lee</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears S. 71° E., 13 lks. dist., mkd. SE 1/16 S20 on healing blaze, with metal bearing tree tag on NW. side.</p> <p style="padding-left: 40px;">A spruce, 11 ins. diam., bears N. 10° W., 43 lks. dist., mkd. SE 1/16 S20 on healing blaze, with metal bearing tree tag on S. side.</p> <p>Set aluminum sign post nearby.</p> <p>Cor. is located on a gradual N. facing downward slope in heavy timber.</p> <p>From this point, a steel reinforcement rod, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, in a collar of stone, with aluminum cap mkd. JORGENSEN ASSOCIATES T45N R101W SE 1/16 S20 2007 PLS 9007, bears N. 86° 44' E., 2.2 lks. dist. This position was established by David C. Lee, Wyoming Professional Land Surveyor No. 9007, based on erroneous control, filed in the Hot Springs County Clerk's Office is not accepted as a careful and faithful determination of the cor. position. With permission from Mr. Lee, remove steel reinforcement rod and deposit inside stainless steel post.</p>
35.66	Grass Creek, 20 lks. wide, drains NE.
39.93	Grass Creek Road, gravel surface, bears NE. and SW.
40.36	The center E. 1/16 sec. cor. of sec. 20.
	<hr style="width: 50%; margin: 0 auto;"/> <p>From the S. 1/16 sec. cor. of secs. 20 and 21.</p>

Survey of the Subdivision of Section 20,
T. 45 N., R. 101 W., Sixth Principal Meridian, Wyoming

Chains	<p>S. 89° 57' W., on the E. and W. center line of the SE1/4 of sec. 20.</p> <p>Over mountainous terrain, through heavy timber.</p>
20.04	The SE. 1/16 sec. cor. of sec. 20.
25.26	Cottonwood Cut-Across, being Forest Service Road 218, bears NNW. and SSE.
33.42	Cottonwood Cut-Across, being Forest Service Road 218, bears ENE. and WSW.
34.85	Cottonwood Cut-Across, being Forest Service Road 218, bears WNW. and ESE.
40.05	The point for the center S. 1/16 sec. cor. of sec. 20.
<hr/> <p>GENERAL DESCRIPTION</p> <p>The area embraced by this survey is located in the northwestern portion of Hot Springs County, approximately 42 miles northwesterly of Thermopolis, Wyoming. The terrain is mountainous and broken, and the elevation ranges from approximately 8000 to 9000 feet above sea level. Vegetation consists of native grasses and heavy timber, consisting of pine, spruce, and fir. Soil varies from rocky in the lower elevations to loamy in the upper elevations.</p> <p>Drainage is provided by Grass Creek which flows northeasterly through the section surveyed. The area is utilized for cattle and sheep grazing, as well as intermittent logging. The easterly portion of the section is part of Shoshone National Forest and is used for recreational purposes.</p> <p>Access is provided by Wyoming Highway 171, Grass Creek Road, and several trail and forest roads.</p> <hr/>	

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD ASSISTANTS

NAMES	CAPACITY
James E. Jacob	Cadastral Surveyor
James H. Meyer	Surveying Technician
Don K. Simmons	Surveying Technician
Alexander D. Parker	Surveying Technician

CERTIFICATE OF SURVEY

I, Eric J. Bearden, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of July, 2018, I have dependently resurveyed a portion of the subdivisional lines, and surveyed the subdivision of section 20, Township 45 North, Range 101 West, of the Sixth Principal Meridian, in the State of Wyoming, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

August 26, 2020

Date



Eric J. Bearden
Cadastral Surveyor

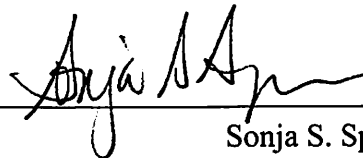
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the survey of the subdivision of section 20, Township 45 North, Range 101 West, Sixth Principal Meridian, Wyoming, executed by Eric J. Bearden, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 26, 2020

Date



Sonja S. Sparks
Chief Cadastral Surveyor for Wyoming