

HELLS CANYON WILDERNESS ADDITIONS

Whitman National Forest

I hereby certify that the legal boundary description and map herewith represent the location of the boundary of the Hells Canyon Wilderness on the Wallowa and Whitman National Forests as entered into the National Wilderness Preservation System by the Act of June 26, 1984.

Signed 6/30/87  
(Date)

Chad Olson  
for JAMES F. TORRENCE  
Regional Forester

### Definition of Intent

The legal description of the Hells Canyon Wilderness Additions is as shown on the map dated September, 1986, on file in the office of the Chief of the USDA Forest Service and as generally described in Public Law 98-328. The approximate courses of the map boundaries are identified in the following legal description. Where the boundary is described as following a topographical feature, the actual location of the feature will control the approximate course identifying that part of said boundary. Unless specified in the description, calls to a stream shall be to the thread and calls to a ridge shall be to the crest. Section, Township, and Range lines, and Section corners established by the United States Public Land Survey, shall determine the actual location of these portions of the boundary so described.

Section subdivision lines and corners will be established under the rules of the United States Public Land Survey.

The data base for the Hells Canyon Wilderness Addition is a series of quadrangle maps published by the United States Geological Survey as identified on the attached index map. The various boundaries were marked on the map and the information was collected with the Hewlett-Packard 9020 digitizer. The data is published as the attached metes and bounds description.

# HELLS CANYON WILDERNESS ADDITIONS BOUNDARY DESCRIPTION

All bearings and distances shown in the following description are based on the Oregon State Plane coordinate grid system, North Zone. International, State, Indian Reservation, National Park, Mineral Claim, or Sectional land boundaries have been included although record bearing, distance, and monuments will prevail.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
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HELLS CANYON HARL BUTTE SE MAP NO. 1	1			A point in Saulsberry Saddle 200 feet southerly of and perpendicular to centerline of Hells Canyon/Palette junction transmission line and 30 feet easterly of and perpendicular to the centerline of USFS Road 3965. SW 1/4 of Section 31, T. 3 S., R. 49 E., W.M., Latitude 45-15-16.13 North, Longitude 116-45-13.45 West, Oregon grid coordinates north zone X = 2,964,379 Y = 601,229
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HE DEVIL SW MAP NO. 2	2	S88-38E	966 (294.4)	Descending easterly parallel to centerline of Hells Canyon/Palette Junction transmission line.
		S87-18E	678 (206.7)	
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	3			A point 200 feet southerly of and perpendicular to centerline of said transmission line.
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		S74-39E	2316 (705.9)	Southeasterly parallel to centerline of said transmission line.
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	4			A point 200 feet southerly of and perpendicular to centerline of said transmission line.
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		S86-12E	3917 (1193.9)	Descend easterly parallel to said transmission line.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
HE DEVIL SW MAP NO. 2	5			A point 200 feet southerly of and perpendicular to centerline of said transmission line at crest of divide ridge between Short Creek and Hells Canyon Creek.
CUPRUM NW MAP NO. 3	6	S80-54E	1613 (491.6)	Descend southeasterly parallel to said transmission line.
		S76-57E	3264 (994.9)	
	7			A point 200 feet southerly of and perpendicular to centerline of said transmission line in Short Creek drainage.
		S42-53E	1550 (472.4)	Descend southeasterly parallel to said transmission line.
	8			A point 200 feet southwesterly of and perpendicular to center line of said transmission line. Elevation 1,680 feet.
	9	S08-45W	53 (16.2)	
	10	S20-45W	102 (31.1)	
	11	S32-32W	69 (21.0)	Along 1,680-foot elevation contour.
	12	S53-35W	76 (23.2)	
	13	S50-54W	62 (18.9)	
	14	S24-34W	38 (11.6)	
	15	S21-02E	70 (21.3)	
	16	S05-14W	109 (33.2)	
	17	S03-22W	68 (20.7)	
		S01-18W	44 (13.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
CUPRUM NW MAP NO. 3	18			
		S21-30W	71 (21.6)	
	19			
		S20-44W	40 (12.2)	Along 1,680-foot contour.
	20			
		S51-13W	72 (21.9)	
	21			
		S54-05W	36 (11.0)	
	22			
		S65-42W	34 (10.4)	
	23			
		S45-00W	30 (9.1)	
	24			A point in a small drainage in SE 1/4 of said Section 4. Elevation 1,680 feet.
		S67-26E	167 (50.9)	Descend small drainage.
	25			A point in a small drainage at maximum pool elevation, west shore, Hells Canyon Reservoir, Snake River.
	Points			
	26	Approximately		Southerly along maximum pool
	to	18,000 (5486)		elevation, west shore, Hells Canyon
	319			Reservoir, Snake River.
	319			A point at confluence of Thirtytwo Point Creek with maximum pool elevation, west shore, Hells Canyon Reservoir, Snake River.
CUPRUM NW MAP NO. 3 HOMESTEAD NE MAP NO. 4 HOMESTEAD SE MAP NO. 5	Points 320 to 798	Approximately 49,300 (15,027)		Southerly along maximum pool elevation, west shore, Hells Canyon Reservoir, Snake River.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
HOMESTEAD SE MAP NO. 5	798			A point at confluence of Nelson Creek with said maximum pool ele- vation.
		S60-34W	45 (13.7)	
	799	S06-43W	34 (10.4)	
	800	S37-18E	53 (16.2)	
	801	S33-54E	77 (23.5)	
	802	S26-53E	80 (24.4)	Southerly along said maximum pool elevation.
	803	S17-57E	75 (22.9)	
	804	S09-34E	84 (25.6)	
	805	S02-44W	105 (32.0)	
	806	S02-52E	60 (18.3)	
	807	S02-32E	68 (20.7)	
	808	S13-54E	104 (31.7)	
	809	S07-26E	70 (21.3)	
	810	S09-57E	116 (35.4)	
	811			A point at intersection of ridge and said maximum pool elevation.
		S81-59W	294 (89.6)	
	812	S82-55W	349 (106.4)	
	813	S82-03W	268 (81.7)	Ascend said ridge.
	814	N81-44W	181 (55.2)	
	815	N87-55W	165 (50.3)	
	816	N56-00W	104 (31.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD SE MAP NO. 5	817	S83-14W	119	(36.3)	
	818	S59-11W	127	(38.7)	Ascend said ridge.
	819	S70-51W	101	(30.8)	
	820				A point on said ridge between Copper Creek and Nelson Creek. Elevation 2,800 feet.
		N86-12W	196	(59.7)	
	821	N85-26W	239	(72.8)	
	822	S81-48W	112	(34.1)	
	823	S62-04W	301	(91.7)	
	824	S62-54W	290	(88.4)	Ascend said ridge.
	825	S66-07W	210	(64.0)	
	826	S63-06W	230	(70.1)	
	827	S60-01W	232	(70.7)	
	828	S59-31W	248	(75.6)	
	829	S84-32W	347	(105.8)	
	830	S71-52W	235	(71.6)	
	831	N89-38W	158	(48.2)	
	832	N88-09W	216	(65.8)	
	833	N75-32W	164	(50.0)	
	834	N73-59W	105	(32.0)	
	835	N64-59W	116	(35.4)	
	836	N24-58W	322	(98.1)	
	837	N27-15W	225	(68.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD SE MAP NO. 5	838				
		N43-27W	234	(71.3)	
	839				
		N59-55W	277	(84.4)	
	840				
		N68-54W	361	(110.0)	
	841				
		N76-05W	362	(110.3)	
	842				
		N84-16W	260	(79.2)	
	843				
		N59-27W	142	(43.3)	
	844				
		N87-21W	237	(72.2)	Ascend said ridge.
	845				
		S83-11W	278	(84.7)	
	846				
		S86-06W	309	(94.2)	
	847				
		S82-47W	255	(77.7)	
	848				
		S86-41W	173	(52.7)	
	849				
		N87-13W	103	(31.4)	
	850				
		N49-02W	252	(76.8)	
	851				
		N40-11W	194	(59.1)	
	852				
		N70-27W	227	(69.2)	
	853				
		N72-48W	281	(85.6)	
	854				
		N75-34W	245	(74.7)	
	855				
		N71-58W	401	(122.2)	
	856				
		N67-48W	370	(112.8)	
	857				
		N67-07W	383	(116.7)	
	858				
		N60-54W	243	(74.1)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
HOMESTEAD SE MAP NO. 5	859			A point on said ridge on north line of Section 34, T. 5 S., R. 48 E. at approximately 4,560-foot elevation.
		S87-48W	3633 (1107.3)	Westerly along north line of said Section 34.
	860			A point on north line of said Section 34 at approximately 4,960-foot elevation.
		N02-55W	549 (167.3)	Northerly.
	861			A point on spur ridge. Elevation 5,280 feet.
		N53-50E	64 (19.5)	Northerly along 5,280-foot elevation contour.
	862			
		N33-14E	35 (10.7)	
	863			
		N01-34E	110 (33.5)	
	864			
		N02-12W	208 (63.4)	
	865			
		N19-21W	238 (72.5)	
	866			
		N01-24W	82 (25.0)	Along 5,280-foot elevation contour.
	867			
		N06-29E	89 (27.1)	
	868			
		N23-39E	247 (75.3)	
	869			
		N15-59E	200 (61.0)	
	870			
		N15-42E	159 (48.5)	
	871			
		N14-24E	113 (34.4)	
	872			
		N19-34E	48 (14.6)	
	873			
		N53-21E	54 (16.5)	
	874			
		N72-56E	106 (32.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
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HOMESTEAD	875				
SE		N87-04E	137	(41.8)	
MAP NO.	876				
5		N80-02E	75	(22.9)	
	877				
		N43-14E	69	(21.0)	
	878				
		N08-03E	100	(30.5)	
	879				
		N30-35W	102	(31.1)	Along 5,280-foot contour.
	880				
		N53-40W	127	(38.7)	
	881				
		N57-24W	145	(44.2)	
	882				
		N51-04W	161	(49.1)	
	883				
		N76-46W	87	(26.5)	
	884				
		N58-49W	89	(27.1)	
	885				
		N31-18W	60	(18.3)	
	886				
		N04-05E	84	(25.6)	
	887				
		N20-25E	138	(42.1)	
	888				
		N04-16E	134	(40.8)	
	889				
		N26-11W	131	(39.9)	
	890				
		N47-52W	113	(34.4)	
	891				
		N37-38W	149	(45.4)	
	892				
		N49-16W	133	(40.5)	
	893				
		N48-39W	100	(30.5)	
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	894				A point on the southeast side of a spur ridge. Elevation 5,280 feet.
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		N51-38W	214	(65.2)	Crossing ridge.
	895				
		N54-23W	273	(83.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD SE MAP NO. 5	896				A point on the northeast side of a spur ridge. Elevation 5,280 feet.
		N59-04W	253	(77.1)	
	897				
		N63-49W	274	(83.5)	
	898				
		N69-58W	102	(31.1)	
	899				
		N15-57W	95	(29.0)	
	900				
		N36-52W	75	(22.9)	Along 5,280-foot contour.
	901				
		N81-13W	98	(29.9)	
	902				
		S86-41W	138	(42.1)	
	903				
		N88-30W	76	(23.2)	
	904				
		N49-44W	111	(33.8)	
	905				
		N47-38W	215	(65.5)	
	906				
		N45-00W	191	(58.2)	
	907				
		N38-12W	155	(47.2)	
	908				
		N50-14W	155	(47.2)	
	909				
		N69-41W	115	(35.1)	
	910				
		N63-55W	159	(48.5)	
	911				
		S88-05W	90	(27.4)	
	912				
		S68-35W	55	(16.8)	
	913				A point on 5,280-foot elevation contour 200 feet easterly of centerline and perpendicular to USFS Road 3900491.
		N07-42W	1552	(473.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD SE MAP NO. 5	914				A point at 30 feet southeasterly of centerline and perpendicular to USFS Road 3965490.
		N77-06E	170	(51.8)	
	915	N73-46E	165	(50.3)	
	916	N71-51E	196	(59.7)	
	917	N62-55E	248	(75.6)	Paralleling USFS Road 3965490, 30 feet southeasterly of centerline.
	918	N62-14E	170	(51.8)	
	919	N43-35E	171	(52.1)	
	920	N29-32E	199	(60.7)	
	921	N18-26E	126	(38.4)	
	922	N05-04W	79	(24.1)	
	923	N29-24W	63	(19.2)	
	924				A point 30 feet easterly of and perpendicular to centerline of USFS Road 3965490. Elevation 5,200 feet.
		N64-02E	87	(26.5)	
	925	N41-43E	123	(37.5)	
	926	N11-52E	204	(62.2)	Along 5,200-foot contour.
	927	N02-42E	191	(58.2)	
	928	N05-45E	259	(78.9)	
	929	N19-33E	146	(44.5)	
	930	N24-36E	144	(43.9)	
	931	N69-20E	65	(19.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD SE MAP NO. 5	932	S87-31E	46	(14.0)	
	933	S45-00E	102	(31.1)	
	934	S51-14E	91	(27.7)	
	935	S61-35E	69	(21.0)	
	936	S79-37E	72	(21.9)	
	937	N26-03E	50	(15.2)	
	938	N56-43E	118	(36.0)	Along 5,200-foot contour.
	939	N65-06E	185	(56.4)	
	940	S83-17E	86	(26.2)	
	941	N57-28E	69	(21.0)	
	942	N08-08E	78	(23.8)	
	943	N17-45W	79	(24.1)	
	944	N19-11W	97	(29.6)	
	945	N08-08W	85	(25.9)	
	946	N19-38E	152	(46.3)	
	947	N24-12E	195	(59.4)	
	948	N16-47E	132	(40.2)	
	949	N47-56E	110	(33.5)	
	950	N49-04E	209	(63.7)	
	951	N53-20E	176	(53.6)	
	952	N46-41E	216	(65.8)	
	953	N31-30E	145	(44.2)	
	954				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD SE MAP NO. 5		N59-49E	113	(34.4)	
	955	S85-52E	166	(50.6)	
	956	N82-37E	163	(49.7)	
	957	N72-48E	88	(26.8)	
	958	N31-24E	111	(33.8)	
	959	N04-24W	130	(39.6)	
	960	N03-23W	152	(46.3)	Along 5,200-foot contour.
	961	N12-43W	95	(29.0)	
	962	N32-10E	115	(35.1)	
	963	N31-45E	139	(42.4)	
	964	N39-02E	48	(14.6)	
	965	N66-34E	131	(39.9)	
	966	N82-48E	96	(29.3)	
	967	N50-43E	85	(25.9)	
	968	N20-51E	45	(13.7)	
	969	N33-30W	82	(25.0)	
	970	N49-20W	94	(28.7)	
	971	N41-31W	128	(39.0)	
	972	N22-28W	113	(34.4)	
	973	N02-39E	151	(46.0)	
	974	N12-29E	153	(46.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	975				
NE		N14-42E	126	(38.4)	
MAP NO.	976				
4		N02-44E	84	(25.6)	
	977				
		N12-13E	99	(30.2)	
	978				
		N50-54E	62	(18.9)	
	979				
		N70-21E	59	(18.0)	
	980				
		N72-41E	81	(24.7)	
	981				
		N58-14E	25	(7.6)	Along 5,200-foot contour.
	982				
		N42-08E	57	(17.4)	
	983				
		N28-24W	42	(12.8)	
	984				
		N32-23W	49	(14.9)	
	985				
		N00-00W	54	(16.5)	
	986				
		N10-04E	63	(19.2)	
	987				
		N10-18W	168	(51.2)	
	988				
		N26-11W	131	(39.9)	
	989				
		N17-11W	58	(17.7)	
	990				
		N40-02W	65	(19.8)	
	991				
		N34-26W	42	(12.8)	
	992				
		N03-58E	72	(21.9)	
	993				
		N51-43E	48	(14.6)	
	994				
		N21-57E	72	(21.9)	
	995				
		N27-28E	28	(8.5)	
	996				
		N75-30E	60	(18.3)	
	997				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		N60-20E	83	(25.3)	
	998				
		N52-44E	58	(17.7)	
	999				
		N56-56E	51	(15.5)	
	1000				
		N58-44E	66	(20.1)	
	1001				
		N63-51E	61	(18.6)	
	1002				
		N73-41E	43	(13.1)	
	1003				
		N51-20E	45	(13.7)	Along 5,200-foot contour.
	1004				
		N20-57E	50	(15.2)	
	1005				
		N09-45E	65	(19.8)	
	1006				
		N16-06W	148	(45.1)	
	1007				
		N26-24W	155	(47.2)	
	1008				
		N21-29W	197	(60.0)	
	1009				
		N26-34W	114	(34.7)	
	1010				
		N22-37W	78	(23.8)	
	1011				
		N27-24W	91	(27.7)	
	1012				
		N14-51W	86	(26.2)	
	1013				
		N13-54W	100	(30.5)	
	1014				
		N08-51W	78	(23.8)	
	1015				
		N04-20E	66	(20.1)	
	1016				
		N21-02E	84	(25.6)	
	1017				
		N28-13E	93	(28.3)	
	1018				
		N78-41E	41	(12.5)	
	1019				
		N77-28E	46	(14.0)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1020				
		N44-25E	69	(21.0)	
	1021				
		N56-56E	51	(15.5)	
	1022				
		N35-06E	45	(13.7)	
	1023				
		N13-33E	85	(25.9)	
	1024				
		N04-20E	66	(20.1)	
	1025				
		N01-27E	79	(24.1)	
	1026				
		N05-29W	73	(22.3)	Along 5,200-foot contour.
	1027				
		N03-26W	50	(15.2)	
	1028				
		N10-57W	63	(19.2)	
	1029				
		N12-26W	60	(18.3)	
	1030				
		N08-08W	42	(12.8)	
	1031				
		N11-19E	66	(20.1)	
	1032				
		N46-15E	97	(29.6)	
	1033				
		N59-39E	129	(39.3)	
	1034				
		N48-22E	96	(29.3)	
	1035				
		N54-57E	94	(28.7)	
	1036				
		N56-19E	54	(16.5)	
	1037				
		N00-00W	76	(23.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1038	N11-37W	75	(22.9)	
	1039	N01-00W	40	(12.2)	
	1040	N15-36W	45	(13.7)	
	1041	N08-20W	83	(25.3)	
	1042	N04-56W	58	(17.7)	
	1043	N02-23W	96	(29.3)	
	1044	N13-30W	77	(23.5)	Along 5,200-foot contour.
	1045	N10-40W	70	(21.3)	
	1046	N00-00W	37	(11.3)	
	1047	N08-08E	14	(4.3)	
	1048	N39-37E	38	(11.6)	
	1049	N64-11E	34	(10.4)	
	1050	N51-47E	60	(18.3)	
	1051	N62-32E	28	(8.5)	
	1052	N56-19E	14	(4.3)	
	1053	N07-36E	45	(13.7)	
	1054	N14-23W	40	(12.2)	
	1055	N15-57W	80	(24.4)	
	1056	N16-51W	148	(45.1)	
	1057	N06-53W	58	(17.7)	
	1058	N02-23E	48	(14.6)	
	1059	N29-03E	31	(9.4)	
	1060				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1061	N87-24E	22	(6.7)	
	1062	N43-50E	69	(21.0)	
	1063	N37-18E	53	(16.2)	
	1064	N25-15E	59	(18.0)	
	1065	N15-57E	36	(11.0)	
	1066	N13-07W	75	(22.9)	
	1067	N21-15W	39	(11.9)	Along 5,200-foot contour.
	1068	N26-03W	50	(15.2)	
	1069	N21-58W	67	(20.4)	
	1070	N19-48W	53	(16.2)	
	1071	N03-44W	46	(14.0)	
	1072	N09-52E	47	(14.3)	
	1073	N08-08E	57	(17.4)	
	1074	N06-10E	37	(11.3)	
	1075	N08-38W	80	(24.4)	
	1076	N54-41W	59	(18.0)	
	1077	N45-00W	41	(12.5)	
	1078	N69-52W	128	(39.0)	
	1079	N62-06W	231	(70.4)	
	1080	N59-34W	205	(62.5)	
	1081	N61-47W	47	(14.3)	
	1082	N49-58W	33	(10.1)	
		N40-55W	20	(6.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1083				
NE		N17-56W	36	(11.0)	
MAP NO.	1084				
4		N12-50E	81	(24.7)	
	1085				
		N05-19W	86	(26.2)	
	1086				
		N13-49W	63	(19.2)	
	1087				
		N13-49W	63	(19.2)	
	1088				
		N16-23W	35	(10.7)	
	1089				
		N01-47E	32	(9.8)	Along 5,200-foot contour.
	1090				
		N29-26E	45	(13.7)	
	1091				
		N79-16E	59	(18.0)	
	1092				
		N45-00E	86	(26.2)	
	1093				
		N54-52E	33	(10.1)	
	1094				
		N62-06E	19	(5.8)	
	1095				
		N48-30E	69	(21.0)	
	1096				
		N42-24E	31	(9.4)	
	1097				
		N22-02E	91	(27.7)	
	1098				
		N00-00E	52	(15.8)	
	1099				
		N18-26W	44	(13.4)	
	1100				
		N27-17W	72	(21.9)	
	1101				
		N26-34W	94	(28.7)	
	1102				
		N23-53W	67	(20.4)	
	1103				
		N24-14W	88	(26.8)	
	1104				
		N21-15W	39	(11.9)	
	1105				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		N25-49W	34	(10.4)	
	1106	N25-57W	41	(12.5)	
	1107	N32-13E	86	(26.2)	
	1108	N52-07E	23	(7.0)	
	1109	N40-51E	98	(29.9)	
	1110	N48-41E	44	(13.4)	
	1111	N25-44E	62	(18.9)	Along 5,200-foot contour.
	1112	N38-19E	79	(24.1)	
	1113	N71-16E	59	(18.0)	
	1114	N71-58E	45	(13.7)	
	1115	N62-08E	79	(24.1)	
	1116	N46-31E	80	(24.4)	
	1117	N40-12E	76	(23.2)	
	1118	N52-53E	46	(14.0)	
	1119	N45-00E	24	(7.3)	
	1120	N34-07E	37	(11.3)	
	1121	N09-28E	24	(7.3)	
	1122	N08-32W	40	(12.2)	
	1123	N04-34W	50	(15.2)	
	1124	N09-28W	36	(11.0)	
	1125	N28-01W	70	(21.3)	
	1126	N33-19W	42	(12.8)	
	1127	N42-08W	85	(25.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1128				
		N49-54W	75	(22.9)	
	1129				
		N41-21W	67	(20.4)	
	1130				
		N40-42W	66	(20.1)	
	1131				
		N45-00W	62	(18.9)	
	1132				
		N34-49W	56	(17.1)	
	1133				
		N50-43W	43	(13.1)	
	1134				
		N25-46W	32	(9.8)	Along 5,200-foot contour
	1135				
		N30-58E	41	(12.5)	
	1136				
		N51-07E	166	(50.6)	
	1137				
		N34-34E	164	(50.0)	
	1138				
		N35-36E	117	(35.7)	
	1139				
		N47-16E	125	(38.1)	
	1140				
		N33-54E	77	(23.5)	
	1141				
		N21-30E	35	(10.7)	
	1142				
		N13-50E	67	(20.4)	
	1143				
		N05-32E	62	(18.9)	
	1144				
		N30-10E	50	(15.2)	
	1145				
		N60-36E	63	(19.2)	
	1146				
		N80-08E	47	(14.3)	
	1147				
		N70-26E	48	(14.6)	
	1148				
		N71-12E	50	(15.2)	
	1149				
		N38-23E	98	(29.9)	
	1150				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
HOMESTEAD		N31-20E	54 (16.5)	
NE	1151			
MAP NO.		N14-45E	59 (18.0)	
4	1152			
		N20-54E	59 (18.0)	
	1153			
		N28-13E	47 (14.3)	
	1154			
		N30-47E	55 (16.8)	
	1155			
		N85-36E	78 (23.8)	
	1156			
		N61-03E	107 (32.6)	Along 5,200-foot contour.
	1157			
		N46-21E	90 (27.4)	
	1158			
		N33-41E	94 (28.7)	
	1159			
		N23-53E	77 (23.5)	
	1160			
		N07-43E	97 (29.6)	
	1161			
		N08-26E	82 (25.0)	
	1162			
		N04-12E	68 (20.7)	
	1163			
		N09-13E	37 (11.3)	
	1164			
		N20-57E	101 (30.8)	
	1165			
		N07-07E	48 (14.6)	
	1166			
		N13-10E	48 (14.6)	
	1167			
		N13-17E	74 (22.6)	
	1168			
		N19-59E	35 (10.7)	
	1169			
		S87-37E	24 (7.3)	
	1170			
		N67-45E	24 (7.3)	
	1171			
		N45-53E	46 (14.0)	
	1172			
		N45-00E	27 (8.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1173				
NE		N39-37E	38	(11.6)	
MAP NO.	1174				
4		S59-25E	77	(23.5)	
	1175				
		N79-42E	45	(13.7)	
	1176				
		S86-49E	36	(11.0)	
	1177				
		N81-28E	40	(12.2)	
	1178				
		N87-14E	62	(18.9)	
	1179				
		N84-17E	30	(9.1)	Along 5,200-foot contour.
	1180				
		S38-03E	58	(17.7)	
	1181				
		S45-00E	71	(21.6)	
	1182				
		S49-05E	20	(6.1)	
	1183				
		S62-51E	44	(13.4)	
	1184				
		S61-47E	47	(14.3)	
	1185				
		S80-23E	60	(18.3)	
	1186				
		N90-00E	42	(12.8)	
	1187				
		S83-21E	60	(18.3)	
	1188				
		S76-42E	57	(17.4)	
	1189				
		S28-57E	54	(16.5)	
	1190				
		S22-18E	42	(12.8)	
	1191				
		S22-18E	42	(12.8)	
	1192				
		S15-31E	37	(11.3)	
	1193				
		S28-37E	63	(19.2)	
	1194				
		S47-44E	59	(18.0)	
	1195				



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		S51-01E	27	(8.2)	
	1196				
		S58-24E	46	(14.0)	
	1197				
		S55-37E	23	(7.0)	
	1198				
		N87-37E	24	(7.3)	
	1199				
		N76-22E	34	(10.4)	
	1200				
		N51-20E	45	(13.7)	
	1201				
		N25-26E	68	(20.7)	Along 5,200-foot contour.
	1202				
		N23-28E	83	(25.3)	
	1203				
		N40-51E	49	(14.9)	
	1204				
		N37-52E	46	(14.0)	
	1205				
		N47-36E	93	(28.3)	
	1206				
		N28-46E	58	(17.7)	
	1207				
		N27-09E	44	(13.4)	
	1208				
		N23-42E	45	(13.7)	
	1209				
		N18-05E	52	(15.8)	
	1210				
		N20-25E	46	(14.0)	
	1211				
		N18-26E	32	(9.8)	
	1212				
		N78-24E	119	(36.3)	
	1213				
		N84-03E	145	(44.2)	
	1214				
		S85-19E	110	(33.5)	
	1215				
		S85-09E	59	(18.0)	
	1216				
		S83-17E	34	(10.4)	
	1217				
		N21-31E	112	(34.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1218				
NE		N10-15E	107	(32.6)	
MAP NO.	1219				
4		N07-13W	80	(24.4)	
	1220				
		N02-21E	73	(22.3)	
	1221				
		N47-52E	57	(17.4)	
	1222				
		N48-25E	95	(29.0)	
	1223				
		N50-01E	40	(12.2)	
	1224				
		N33-26E	64	(19.5)	Along 5,200-foot contour.
	1225				
		N18-26E	89	(27.1)	
	1226				
		N27-07E	46	(14.0)	
	1227				
		N37-34E	49	(14.9)	
	1228				
		N53-32E	57	(17.4)	
	1229				
		N34-17E	53	(16.2)	
	1230				
		N32-00E	66	(20.1)	
	1231				
		N23-20E	56	(17.1)	
	1232				
		N27-21E	33	(10.1)	
	1233				
		N81-25E	54	(16.5)	
	1234				
		N85-40E	66	(20.1)	
	1235				
		N88-10E	94	(28.7)	
	1236				
		N79-56E	63	(19.2)	
	1237				
		N53-26E	39	(11.9)	
	1238				
		N05-43W	50	(15.2)	
	1239				
		N00-31W	224	(68.3)	
	1240				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		N02-56W	234	(71.3)	
	1241				
		N03-30W	98	(29.9)	
	1242				
		N15-48E	55	(16.8)	
	1243				
		N30-35E	26	(7.9)	
	1244				
		N79-37E	133	(40.5)	
	1245				
		N87-02E	116	(35.4)	
	1246				
		N88-26E	110	(33.5)	Along 5,200-foot contour.
	1247				
		S88-05E	120	(36.6)	
	1248				
		N84-07E	68	(20.7)	
	1249				
		N50-38E	50	(15.2)	
	1250				
		N06-37E	69	(21.0)	
	1251				
		N07-49E	154	(46.9)	
	1252				
		N02-31E	114	(34.7)	
	1253				
		N02-52E	40	(12.2)	
	1254				
		N20-33W	34	(10.4)	
	1255				
		N06-35W	52	(15.8)	
	1256				
		N19-30E	51	(15.5)	
	1257				
		N22-04E	40	(12.2)	
	1258				
		N00-00E	40	(12.2)	
	1259				
		N02-36E	44	(13.4)	
	1260				
		N08-24E	62	(18.9)	
	1261				
		N11-53W	39	(11.9)	
	1262				
		N00-00W	34	(10.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1263				
NE		N49-28E	82	(25.0)	
MAP NO.	1264				
4		N64-17E	30	(9.1)	
	1265				
		N85-32E	64	(19.5)	
	1266				
		N70-34E	54	(16.5)	
	1267				
		N81-11E	117	(35.7)	
	1268				
		N90-00E	44	(13.4)	
	1269				
		N90-00E	40	(12.2)	Along 5,200-foot contour.
	1270				
		S89-01E	58	(17.7)	
	1271				
		N62-39E	33	(10.1)	
	1272				
		N69-46E	40	(12.2)	
	1273				
		S86-59E	38	(11.6)	
	1274				
		S74-03E	95	(29.0)	
	1275				
		S66-57E	51	(15.5)	
	1276				
		S81-28E	40	(12.2)	
	1277				
		N57-27E	56	(17.1)	
	1278				
		N40-36E	55	(16.8)	
	1279				
		N27-45E	86	(26.2)	
	1280				
		N17-17E	94	(28.7)	
	1281				
		N23-34E	60	(18.3)	
	1282				
		N36-33E	72	(21.9)	
	1283				
		N83-53E	28	(8.5)	
	1284				
		N60-04E	76	(23.2)	
	1285				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1286	N59-25E	77	(23.5)	
	1287	N69-46E	61	(18.6)	
	1288	N41-32E	47	(14.3)	Along 5,200-foot contour.
	1289	N71-34E	28	(8.5)	
	1290	S79-36E	50	(15.2)	
	1291	S78-23E	75	(22.9)	
	1292	N90-00E	44	(13.4)	
		S87-04E	78	(23.8)	
	1293				A point, 5,200-foot elevation.
	1294	N00-00W	160	(48.8)	
	1295	N10-55E	85	(25.9)	Ascend.
		N13-07E	75	(22.9)	
	1296				A point on spur ridge. Elevation 5,360 feet.
	1297	N17-53W	130	(39.6)	
	1298	N20-41W	105	(32.0)	
	1299	N28-13W	47	(14.3)	Along 5,360-foot contour.
	1300	N23-30W	50	(15.2)	
	1301	N18-04W	97	(29.6)	
	1302	N08-00W	65	(19.8)	
	1303	N17-11E	115	(35.1)	
	1304	N31-07E	62	(18.9)	
1305		N04-32E	63	(19.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		N02-42W	85	(25.9)	
	1306				
		N30-21W	48	(14.6)	
	1307				
		N24-05W	51	(15.5)	
	1308				
		N10-07W	57	(17.4)	
	1309				
		N02-48E	82	(25.0)	
	1310				
		N05-19W	86	(26.2)	
	1311				
		N07-07W	32	(9.8)	Along 5,360-foot contour.
	1312				
		N19-36W	63	(19.2)	
	1313				
		N22-10W	87	(26.5)	
	1314				
		N31-26W	63	(19.2)	
	1315				
		N29-45W	56	(17.1)	
	1316				
		N27-06W	48	(14.6)	
	1317				
		N14-21W	44	(13.4)	
	1318				
		N15-36E	45	(13.7)	
	1319				
		N58-44E	33	(10.1)	
	1320				
		N49-08E	69	(21.0)	
	1321				
		N25-57E	41	(12.5)	
	1322				
		N07-26E	46	(14.0)	
	1323				
		N36-17E	98	(29.9)	
	1324				
		N46-13E	66	(20.1)	
	1325				
		N42-24E	31	(9.4)	
	1326				
		N32-24E	62	(18.9)	
	1327				
		N14-16E	61	(18.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1328				
		N02-23E	48	(14.6)	
	1329				
		N03-18E	156	(47.5)	
	1330				
		N10-58E	100	(30.5)	
	1331				
		N11-49E	88	(26.8)	
	1332				
		N04-02E	85	(25.9)	
	1333				
		N11-43W	54	(16.5)	
	1334				
		N29-41E	123	(37.5)	Along 5,360-foot contour.
	1335				
		N31-16E	66	(20.1)	
	1336				
		N38-19E	103	(31.4)	
	1337				
		N31-23E	138	(42.1)	
	1338				
		N33-30E	82	(25.0)	
	1339				
		N23-53E	77	(23.5)	
	1340				
		N05-43E	40	(12.2)	
	1341				
		N01-43E	100	(30.5)	
	1342				
		N18-53W	40	(12.2)	
	1343				
		N35-39W	57	(17.4)	
	1344				
		N52-51W	41	(12.5)	
	1345				
		N82-38W	148	(45.1)	
	1346				
		N62-02W	128	(39.0)	
	1347				
		N56-57W	99	(30.2)	
	1348				
		N55-42W	103	(31.4)	
	1349				
		N30-35W	102	(31.1)	
	1350				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		N02-49W	122	(37.2)	
	1351				
		N10-35E	185	(56.4)	
	1352				
		N04-46E	132	(40.2)	
	1353				
		N01-29W	116	(35.4)	
	1354				
		N42-43E	106	(32.3)	
	1355				
		N38-33E	82	(25.0)	
	1356				
		N52-36E	107	(32.6)	Along 5,360-foot contour.
	1357				
		N29-53E	108	(32.9)	
	1358				
		N24-07E	115	(35.1)	
	1359				
		N23-21E	96	(29.3)	
	1360				
		N20-46E	124	(37.8)	
	1361				
		N15-12E	84	(25.6)	
	1362				
		N18-52E	83	(25.3)	
	1363				
		N42-19E	91	(27.7)	
	1364				
		N67-53E	104	(31.7)	
	1365				
		N61-02E	64	(19.5)	
	1366				
		N38-29E	50	(15.2)	
	1367				
		N32-23E	49	(14.9)	
	1368				
		N33-41E	43	(13.1)	
	1369				
		N67-27E	57	(17.4)	
	1370				
		S79-26E	76	(23.2)	
	1371				
		N80-51E	88	(26.8)	
	1372				
		S79-53E	28	(8.5)	



QUAD SHEET NAME	ANGLE BEARING POINT	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1373			
		N88-56E	54 (16.5)	
	1374			
		N22-43E	47 (14.3)	
	1375			
		N07-26W	70 (21.3)	
	1376			
		N06-09W	103 (31.4)	
	1377			
		N04-32W	126 (38.4)	Along 5,360-foot contour.
	1378			
		N01-35E	108 (32.9)	
	1379			
		N16-18E	68 (20.7)	
	1380			
		N53-58E	41 (12.5)	
	1381			
		N64-03E	126 (38.4)	
	1382			
		N50-12E	86 (26.2)	
	1383			
		N74-54E	92 (28.0)	
	1384			
		N60-22E	67 (20.4)	
	1385			
		N61-45E	76 (23.2)	
	1386			
		N77-00E	40 (12.2)	
	1387			
		N08-48E	72 (21.9)	
	1388			
		N09-28W	36 (11.0)	
	1389			
		N03-58W	72 (21.9)	
	1390			
		N01-30W	76 (23.2)	
	1391			
		N11-38E	35 (10.7)	
-----				
	1392			A point on north line of Section 34. Elevation 5,360 feet.
-----				
		N07-20E	102 (31.1)	Northeasterly.
1393		N26-04E	102 (31.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1394				
		N53-25E	82	(25.0)	
	1395				
		N45-22E	108	(32.9)	Northeasterly.
	1396				
		N56-43E	118	(36.0)	
	1397				
		N75-01E	73	(22.3)	
	1398				
		N56-06E	77	(23.5)	
	1399				
		N65-54E	83	(25.3)	
-----					
	1400				A point. Elevation 5,280 feet.
-----					
		N83-27E	149	(45.4)	
1401					
		N79-10E	117	(35.7)	
1402					
		N74-35E	162	(49.4)	
1403					
		N82-39E	94	(28.7)	Ascend.
1404					
		N86-57E	94	(28.7)	
1405					
		N86-54E	74	(22.6)	
1406					
		S69-37E	37	(11.3)	
1407					
		S32-12E	32	(9.8)	
-----					
	1408				A point, elevation 5,600 feet.
-----					
		S03-28W	165	(50.3)	
1409					
		S11-24E	132	(40.2)	
1410					
		S12-45E	195	(59.4)	Along 5,600-foot contour.
1411					
		S29-05E	162	(49.4)	
1412					
		S31-29E	188	(57.3)	
1413					
		S37-42E	139	(42.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1414				
		S41-44E	137	(41.8)	
	1415				
		S13-40E	148	(45.1)	
	1416				
		S10-13W	62	(18.9)	
	1417				
		S08-01W	150	(45.7)	
	1418				
		S14-27W	136	(41.5)	
	1419				
		S07-54W	138	(42.1)	
	1420				
		S01-14W	140	(42.7)	Along 5,600-foot contour.
	1421				
		S05-32E	62	(18.9)	
	1422				
		S19-06E	138	(42.1)	
	1423				
		S26-34E	74	(22.6)	
	1424				
		S30-03E	118	(36.0)	
	1425				
		S43-23E	100	(30.5)	
	1426				
		S61-10E	102	(31.1)	
	1427				
		S70-13E	95	(29.0)	
	1428				
		S67-04E	56	(17.1)	
	1429				
		S52-56E	56	(17.1)	
	1430				
		S41-56E	93	(28.3)	
	1431				
		S51-45E	66	(20.1)	
	1432				
		S59-02E	41	(12.5)	
	1433				
		S69-01E	78	(23.8)	
	1434				
		S76-53E	75	(22.9)	
	1435				
		S56-56E	51	(15.5)	
	1436				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4		S56-19E	32	(9.8)	
	1437	S38-40E	58	(17.7)	
	1438	S14-56E	31	(9.4)	
	1439	S02-41E	107	(32.6)	
	1440	S20-13W	61	(18.6)	
	1441	S25-43W	60	(18.3)	
	1442	S17-45W	79	(24.1)	Along 5,600-foot contour.
	1443	S42-48W	74	(22.6)	
	1444	S25-01E	33	(10.1)	
	1445	S84-44E	131	(39.9)	
	1446	S87-02E	193	(58.8)	
	1447	N81-46E	161	(49.1)	
	1448	S86-15E	107	(32.6)	
	1449	N89-24E	96	(29.3)	
	1450	S78-50E	83	(25.3)	
	1451	S71-43E	124	(37.8)	
	1452	S61-31E	107	(32.6)	
	1453	S72-42E	64	(19.5)	
	1454	N87-20E	86	(26.2)	
	1455	N71-22E	94	(28.7)	
	1456	N54-47E	104	(31.7)	
	1457	N47-41E	91	(27.7)	
	1458	N27-16E	109	(33.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1459				
NE		N31-50E	34	(10.4)	
MAP NO.	1460				
4		N82-05E	152	(46.3)	
	1461				
		N87-24E	110	(33.5)	
	1462				
		N87-19E	64	(19.5)	
	1463				
		S58-28E	170	(51.8)	
	1464				
		S50-59E	75	(22.9)	
	1465				
		S69-32E	72	(21.9)	Along 5,600-foot contour.
	1466				
		S47-10E	112	(34.1)	
	1467				
		S21-09E	114	(34.7)	
	1468				
		S31-10E	100	(30.5)	
	1469				
		S38-59E	54	(16.5)	
	1470				
		S41-43E	111	(33.8)	
	1471				
		S47-44E	59	(18.0)	
	1472				
		S36-59E	96	(29.3)	
	1473				
		S48-07E	78	(23.8)	
	1474				
		S33-29E	74	(22.6)	
	1475				
		S08-47E	98	(29.9)	
	1476				
		S08-40W	60	(18.3)	
	1477				
		S06-20W	54	(16.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1478				
		S08-18E	49	(14.9)	
	1479				
		S12-26E	60	(18.3)	
	1480				
		S17-57E	75	(22.9)	Along 5,600-foot contour.
	1481				
		S39-48E	70	(21.3)	
	1482				
		S70-49E	49	(14.9)	
	1483				
		S70-12E	27	(8.2)	
	1484				
		S50-01E	40	(12.2)	
	1485				A point on spur ridge. Elevation 5600 feet.
		S06-25E	1582	(482.2)	Southerly across unnamed tributary of McGraw Creek.
	1486				A point on south line of said Section 35; T. 4 S., R. 4 E., 370 feet westerly of the SE corner of said Section 35.
		S00-54W	64	(19.5)	
1487		S10-48W	133	(40.5)	
1488		S18-57W	250	(76.2)	
1489		S12-58W	156	(47.5)	
1490		S18-09W	321	(97.8)	Southwesterly.
1491		S16-56W	230	(70.1)	
1492		S23-46W	228	(69.5)	
1493		S20-56W	196	(59.7)	
1494		S25-32W	223	(68.0)	
1495		S29-35W	128	(39.0)	
1496		S25-05W	172	(52.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1497				
NE		S26-05W	161	(49.1)	
MAP NO.	1498				
4		S11-15W	190	(57.9)	
	1499				
		S12-48W	113	(34.4)	
	1500				
		S14-52W	218	(66.4)	
	1501				
		S11-40W	247	(75.3)	
	1502				
		S13-30W	309	(94.2)	
	1503				
		S17-43W	378	(115.2)	Southwesterly.
	1504				
		S16-54W	365	(111.3)	
	1505				
		S14-52W	316	(96.3)	
	1506				
		S23-25W	367	(111.9)	
	1507				
		S18-48W	351	(107.0)	
	1508				
		S16-38W	241	(73.5)	
	1509				
		S19-58W	202	(61.6)	
	1510				
		S24-13W	163	(49.7)	
	1511				
		S18-31W	243	(74.1)	
	1512				
		S06-55W	199	(60.7)	
	1513				
		S08-02W	236	(71.9)	
	1514				
		S12-47W	145	(44.2)	
	1515				
		S00-37W	94	(28.7)	
	1516				
		S01-36E	214	(65.2)	
	1517				
		S00-33E	315	(96.0)	
	1518				
		S03-49W	120	(36.6)	
	1519				
		S09-28E	67	(20.4)	
				37	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1520	S40-50E	78	(23.8)	Southwesterly.
	1521				A point on McGraw Creek/Snake River divide ridge at 5,680-foot elevation, on Wallowa NF/Whitman NF boundary.
	1522	S72-57E	78	(23.8)	
	1523	N70-29E	168	(51.2)	
	1524	N68-01E	174	(53.0)	
	1525	N61-32E	122	(37.2)	
	1526	N56-46E	239	(72.8)	Northeasterly.
	1527	N56-43E	237	(72.2)	
	1528	N62-18E	157	(47.9)	
	1529	N65-03E	142	(43.3)	
	1530	N68-16E	165	(50.3)	
	1531	N67-52E	162	(49.4)	
	1532	N70-22E	182	(55.5)	
	1533	N70-01E	140	(42.7)	
	1534	N75-46E	69	(21.0)	
		N70-24E	63	(19.2)	
	1535				A point on said divide ridge at 5,760-foot elevation on said Forests' boundary.
	1536	N07-03E	212	(64.6)	
	1537	N03-13E	214	(65.2)	Along said ridge, on said Forests' boundary.
	1538	N01-42E	203	(61.9)	
		N00-23W	148	(45.1)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1539	N19-20E	181	(55.2)	
	1540	N16-31E	208	(63.4)	
	1541	N01-00E	164	(50.0)	
	1542	N16-19E	146	(44.5)	
	1543	N16-32E	134	(40.8)	
	1544	N12-16E	118	(36.0)	
	1545	N22-37E	65	(19.8)	Along said ridge.
	1546	N55-28E	113	(34.4)	
	1547	N47-05E	97	(29.6)	
	1548	N67-36E	123	(37.5)	
	1549	N60-12E	119	(36.3)	
	1550	N54-08E	125	(38.1)	
	1551	N57-50E	115	(35.1)	
	1552	N44-23E	132	(40.2)	
	1553	N30-47E	158	(48.2)	
	1554	N32-13E	227	(69.2)	
	1555	N25-04E	241	(73.5)	
	1556	N34-56E	154	(46.9)	
	1557	N18-19E	156	(47.5)	
	1558	N23-05E	125	(38.1)	
	1559	N13-54E	104	(31.7)	
	1560	N39-01E	75	(22.9)	
	1561	N53-28E	101	(30.8)	
	1562	N38-57E	94	(28.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1563				
NE		N20-17E	98	(29.9)	
MAP NO.	1564				
4		N04-53W	153	(46.6)	
	1565				
		N02-54E	277	(84.4)	
	1566				
		N01-16W	316	(96.3)	
	1567				
		N07-28E	185	(56.4)	
	1568				
		N06-20W	127	(38.7)	
	1569				
		N20-08E	128	(39.0)	Along said ridge.
	1570				
		N32-23E	110	(33.5)	
	1571				
		N48-59E	133	(40.5)	
	1572				
		N28-45E	94	(28.7)	
	1573				
		N18-19E	150	(45.7)	
	1574				
		N13-34E	119	(36.3)	
	1575				
		N03-15W	211	(64.3)	
	1576				
		N13-02W	98	(29.9)	
	1577				
		N10-07W	114	(34.7)	
	1578				
		N08-14W	161	(49.1)	
	1579				
		N10-23E	133	(40.5)	
	1580				
		N09-56E	162	(49.4)	
	1581				
		N16-50E	124	(37.8)	
	1582				
		N27-39E	142	(43.3)	
	1583				
		N26-48E	322	(98.1)	
	1584				
		N26-15E	240	(73.2)	
	1585				

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1586	N28-16E	241	(73.5)	
	1587	N27-40E	304	(92.7)	
	1588	N18-40E	159	(48.5)	
	1589	N09-33E	115	(35.1)	
	1590	N01-58E	116	(35.4)	
	1591	N21-10W	152	(46.3)	
	1592	N08-14W	84	(25.6)	Along said ridge.
	1593	N15-43W	140	(42.7)	
	1594	N07-55W	116	(35.4)	
	1595	N09-07W	139	(42.4)	
	1596	N05-48W	188	(57.3)	
	1597	N07-28E	146	(44.5)	
	1598	N09-38W	114	(34.7)	
	1599	N02-49W	122	(37.2)	
	1600	N01-12W	144	(43.9)	
	1601	N12-32E	74	(22.6)	
	1602	N03-27E	83	(25.3)	
	1603	N23-23W	81	(24.7)	
	1604	N24-13W	207	(63.1)	
	1605	N25-27W	275	(83.8)	
	1606	N22-37W	247	(75.3)	
	1607	N16-46W	239	(72.8)	
		N10-07W	188	(57.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1608				
		N16-49W	245	(74.7)	
	1609				
		N25-29W	191	(58.2)	
	1610				
		N26-02W	239	(72.8)	
	1611				
		N18-12W	224	(68.3)	
	1612				
		N24-45W	155	(47.2)	Along said ridge.
	1613				
		N12-41W	205	(62.5)	
	1614				
		N08-58W	135	(41.1)	
	1615				
		N22-28W	113	(34.4)	
	1616				
		N38-49W	112	(34.1)	
	1617				
		N24-23W	141	(43.0)	
	1618				
		N25-58W	128	(39.0)	
	1619				
		N27-30W	110	(33.5)	
	1620				A point on said Forests' boundary 30 feet southerly from and perpen- dicular to the centerline of USFS Road 3965117.
		N42-24E	125	(38.1)	
1621		N43-34E	113	(34.4)	
1622		N55-28E	113	(34.4)	
1623		N42-28E	80	(24.4)	Paralleling USFS Road 3965117, 30 feet easterly of centerline.
1624		N33-27E	67	(20.4)	
1625		N09-05E	51	(15.5)	
1626		N00-00E	28	(8.5)	
1627		N23-45W	82	(25.0)	
1628					

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1629	N43-54W	74	(22.6)	
	1630	N41-05W	52	(15.8)	
	1631	N26-34W	63	(19.2)	
	1632	N00-33W	103	(31.4)	
	1633	N05-19E	86	(26.2)	Paralleling USFS Road 3965117, 30 feet easterly of centerline.
	1634	N02-45W	146	(44.5)	
	1635	N08-28W	143	(43.6)	
	1636	N13-39W	106	(32.3)	
	1637	N17-49W	118	(36.0)	
	1638	N24-01W	120	(36.6)	
	1639	N13-39W	72	(21.9)	
	1640	N24-57W	95	(29.0)	
	1641	N32-39W	76	(23.2)	
	1642	N42-18W	135	(41.1)	
	1643	N52-10W	108	(32.9)	
	1644	N43-32W	55	(16.8)	
		N30-44W	43	(13.1)	
	1645				A point 30 feet easterly and perpendicular to intersection of of USFS Roads 3965117 and 3965.
	1646	N51-45E	241	(73.5)	
	1647	N49-13E	269	(82.0)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
	1648	N42-11E	274	(83.5)	
		N51-46E	192	(58.5)	

QUAD SHEET NAME	ANGLE BEARING POINT	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1649			A point 30 feet easterly of and and perpendicular to centerline of USFS Road 3965, elevation 6,000 ft.
	N68-44E	141	(43.0)	
1650	N63-26E	143	(43.6)	
1651	N50-12E	133	(40.5)	
1652	N43-48E	101	(30.8)	
1653	N19-08E	183	(55.8)	Along 6,000-foot contour.
1654	N01-47E	129	(39.3)	
1655	N28-29E	147	(44.8)	
1656	N40-11E	194	(59.1)	
1657	N58-24E	244	(74.4)	
1658	N67-07E	188	(57.3)	
1659	N58-09E	190	(57.9)	
1660	N72-22E	340	(103.6)	
1661	N66-00E	320	(97.5)	
1662	N59-23E	196	(59.7)	
1663	N78-09E	63	(19.2)	
1664	N27-22E	96	(29.3)	
1665	N21-32W	82	(25.0)	
1666	N01-26W	80	(24.4)	
1667	N23-15E	147	(44.8)	
1668	N41-49E	102	(31.1)	
1669	N53-26E	111	(33.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1670				
		N37-42E	83	(25.3)	
	1671				
		N48-35W	136	(41.5)	
	1672				
		N40-38W	195	(59.4)	
	1673				
		N38-56W	255	(77.7)	
	1674				
		N38-11W	131	(39.9)	Along 6,000-foot contour.
	1675				
		N22-25W	155	(47.2)	
	1676				
		N24-05W	103	(31.4)	
	1677				
		N03-20W	86	(26.2)	
	1678				
		N06-41E	112	(34.1)	
	1679				
		N02-52E	80	(24.4)	
	1680				
		N43-36W	58	(17.7)	
	1681				
		N27-01W	112	(34.1)	
	1682				
		N17-59W	120	(36.6)	
	1683				
		N13-21W	143	(43.6)	
	1684				
		N10-18W	101	(30.8)	
	1685				
		N23-18W	71	(21.6)	
	1686				
		N57-02W	44	(13.4)	
	1687				
		N55-29W	19	(5.8)	
-----					
	1688				A point 30 feet easterly of and perpendicular to the centerline of USFS Road 3965, elevation 6,000 feet.
-----					
		N02-58W	116	(35.4)	
1689					
		N06-20W	127	(38.7)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
1690					
		N09-34W	96	(29.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1691	N17-45W	79	(24.1)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
	1692				A point 30 feet easterly of and perpendicular to centerline of USFS Road 3965, elevation 6,000 feet.
		N68-06E	110	(33.5)	
	1693	N69-44E	139	(42.4)	
	1694	N57-36E	110	(33.5)	Along 6,000-foot contour.
	1695	N48-49E	64	(19.5)	
	1696	N10-41E	54	(16.5)	
	1697	N29-35W	128	(39.0)	
	1698	N24-35W	103	(31.4)	
	1699	N17-00W	89	(27.1)	
	1700	N25-14W	77	(23.5)	
	1701				A point at intersection of Wallowa NF/Whitman NF boundary with 6,000-foot elevation contour.
		N08-01W	201	(61.3)	
	1702	N12-30W	199	(60.7)	
	1703	N21-39W	136	(41.5)	
	1704	N42-51W	94	(28.7)	Along 6,000-foot contour.
	1705	N43-07W	86	(26.2)	
	1706	N15-34W	82	(25.0)	
	1707	N11-24E	116	(35.4)	
	1708	N08-08E	85	(25.9)	
	1709	N11-02W	84	(25.6)	



QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1710				
NE		N37-02W	138	(42.1)	
MAP NO.	1711				
4		N30-58W	82	(25.0)	Along 6,000-foot contour.
	1712				
		N41-33W	118	(36.0)	
	1713				A point 30 feet easterly of and perpendicular to the centerline of USFS Road 3965, elevation 6,000 feet.
		N19-55E	135	(41.1)	
	1714				
		N12-34E	142	(43.3)	
	1715				
		N04-44E	158	(48.2)	
	1716				
		N04-43W	183	(55.8)	
	1717				
		N14-55W	237	(72.2)	Paralleling USFS Road 3965 30 feet easterly of centerline.
	1718				
		N20-58W	179	(54.6)	
	1719				
		N20-05W	99	(30.2)	
	1720				
		N41-28W	137	(41.8)	
	1721				
		N33-15W	142	(43.3)	
	1722				
		N14-50W	211	(64.3)	
	1723				
		N15-25W	162	(49.4)	
	1724				
		N11-22W	177	(53.9)	
	1725				
		N07-54W	284	(86.6)	
	1726				
		N01-46W	356	(108.5)	
	1727				
		N07-04W	260	(79.2)	
	1728				
		N04-19E	279	(85.0)	
	1729				
		N02-28E	301	(91.7)	
	1730				
		N02-38W	239	(72.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1731				
		N06-43W	205	(62.5)	
	1732				
		N13-34W	119	(36.3)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
	1733				
		N02-19W	74	(22.6)	
	1734				A point 30 feet easterly of and perpendicular to centerline of USFS Road 3965, elevation 6,000 feet.
		N16-26E	127	(38.7)	
	1735				
		N08-18E	138	(42.1)	
	1736				
		N07-16W	103	(31.4)	
	1737				
		N12-03W	77	(23.5)	
	1738				
		N16-32E	134	(40.8)	Along 6,000-foot contour.
	1739				
		N17-44E	207	(63.1)	
	1740				
		N26-42E	196	(59.7)	
	1741				
		N14-48E	90	(27.4)	
	1742				
		N02-26E	94	(28.7)	
	1743				
		N26-03W	50	(15.2)	
	1744				
		N48-53W	73	(22.3)	
	1745				
		N69-46W	40	(12.2)	
	1746				
		N59-16W	43	(13.1)	
	1747				A point in a draw. Elevation 6,000 feet.
		N00-04E	855	(260.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
HOMESTEAD NE MAP NO. 4	1748			A point 30 feet southerly of and and perpendicular to centerline of USFS Road 3965195.
		N54-48E	116 (35.4)	
	1749	N25-08E	179 (54.6)	
	1750	N16-23E	142 (43.3)	
	1751	N05-28E	94 (28.7)	
	1752	N06-51E	76 (23.2)	Paralleling USFS Road 3965195, 30 feet easterly of centerline.
	1753	N26-22E	126 (38.4)	
	1754	N50-30E	96 (29.3)	
	1755	N37-04E	118 (36.0)	
	1756	N36-35E	82 (25.0)	
	1757	N15-15E	137 (41.8)	
	1758	N08-28E	143 (43.6)	
	1759	N05-29E	126 (38.4)	
	1760	N01-20E	86 (26.2)	
	1761	N03-01W	38 (11.6)	
	1762			A point 30 feet easterly of inter- section of USFS Roads 3965195 and 3965190.
		N00-41W	166 (50.6)	
	1763	N06-37W	235 (71.6)	Paralleling USFS Road 3965193, 30 feet easterly of centerline.
	1764	N01-21W	254 (77.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1765				
NE		N04-08W	166	(50.6)	
MAP NO.	1766				
4		N03-52W	416	(126.8)	Paralleling USFS Road 3965193, 30 feet easterly of centerline.
	1767	N04-14W	217	(66.1)	
	1768				
		N01-34E	110	(33.5)	
	1769				
		N02-56W	78	(23.8)	
	1770				A point 30 feet easterly of and perpen- dicular to centerline of USFS Road 3965193.
		N00-11W	306	(93.3)	Paralleling USFS Road 3965194, 30 feet easterly of centerline.
1771		N01-56E	297	(90.5)	
	1772				A point 30 feet southerly of and perpendicular to centerline of USFS Road 3965230.
		N81-28E	61	(18.6)	
1773					
		N48-39E	67	(20.4)	
1774					
		N23-43E	72	(21.9)	
1775					
		N07-07E	56	(17.1)	Paralleling USFS Road 3965230, 30 feet easterly of centerline.
1776		N06-04W	95	(29.0)	
1777					
		N12-12W	38	(11.6)	
1778					
		N16-05W	54	(16.5)	
1779					
		N07-56W	80	(24.4)	
1780					
		N25-53E	112	(34.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1781	N22-09E	180	(54.9)	
	1782	N33-34E	125	(38.1)	
	1783	N29-20E	139	(42.4)	Paralleling USFS Road 3965230, 30 feet easterly of centerline.
	1784	N29-15E	57	(17.4)	
	1785	N10-47E	86	(26.2)	
	1786	N26-00E	91	(27.7)	
	1787	N08-17E	56	(17.1)	
	1788	N10-20W	139	(42.4)	
	1789	N11-24W	121	(36.9)	
	1790	N10-25W	88	(26.8)	
	1791				A point 30 feet easterly of and perpendicular to terminus of USFS Road 3965230.
		N29-20W	880	(268.2)	
	1792				A point Section 12, 30 feet southerly of and perpendicular to centerline of USFS Road 3965 in PO Saddle.
		N11-41E	89	(27.1)	
1793		N04-54E	304	(92.7)	
1794		N02-51E	361	(110.0)	Paralleling USFS Road 3065, 30 feet easterly of centerline.
1795		N03-14W	230	(70.1)	
1796		N26-02W	146	(44.5)	
1797		N50-34W	117	(35.7)	
1798		N50-00W	154	(46.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD	1799				
NE		N39-26W	139	(42.4)	
MAP NO.	1800				
4		N01-14E	93	(28.3)	
	1801				
		N33-54E	77	(23.5)	
	1802				
		N45-57E	85	(25.9)	
	1803				
		N22-43E	140	(42.7)	
	1804				
		N06-26E	125	(38.1)	
	1805				
		N14-51W	172	(52.4)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
	1806				
		N18-14W	262	(79.9)	
	1807				
		N14-23W	278	(84.7)	
	1808				
		N16-13W	179	(54.6)	
	1809				
		N10-11W	170	(51.8)	
	1810				
		N07-18W	197	(60.0)	
	1811				
		N04-07W	167	(50.9)	
	1812				
		N22-19W	145	(44.2)	
	1813				
		N53-25W	82	(25.0)	
	1814				
		N51-01W	54	(16.5)	
	1815				
		N11-32W	50	(15.2)	
	1816				
		N00-48E	72	(21.9)	
	1817				
		N45-00E	75	(22.9)	
	1818				
		N53-11E	194	(59.1)	
	1819				
		N65-47E	163	(49.7)	
	1820				
		N46-40E	98	(29.9)	
	1821				
		N29-08E	140	(42.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HOMESTEAD NE MAP NO. 4	1822				
		N35-57E	112	(34.1)	
	1823				
		N30-02E	126	(38.4)	
	1824				
		N46-28E	110	(33.5)	
	1825				
		N52-57E	128	(39.0)	
	1826				
		N54-34E	136	(41.5)	
	1827				
		N44-35E	98	(29.9)	
	1828				
		N43-52E	107	(32.6)	
	1829				
		N24-06E	83	(25.3)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
	1830				
		N03-35E	80	(24.4)	
	1831				
		N19-39E	104	(31.7)	
HARL BUTTE SE MAP NO. 1	1832				
		N32-44E	83	(25.3)	
	1833				
		N45-00E	105	(32.0)	
	1834				
		N51-38E	92	(28.0)	
	1835				
		N58-16E	89	(27.1)	
	1836				
		N60-48E	117	(35.7)	
	1837				
		N53-46E	288	(87.8)	
	1838				
		N51-49E	113	(34.4)	
	1839				
		N38-17E	97	(29.6)	
	1840				
		N20-12E	93	(28.3)	
	1841				
		N01-50E	94	(28.7)	
1842		N11-37E	75	(22.9)	
	1843				
		N18-02E	45	(13.7)	
1844					

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
HARL BUTTE SE MAP NO. 1	1845	N28-57E	151	(46.0)	
	1846	N27-07E	140	(42.7)	
	1847	N27-44E	198	(60.4)	Paralleling USFS Road 3965, 30 feet easterly of centerline.
	1848	N21-26E	175	(53.3)	
	1849	N14-45E	212	(64.6)	
	1850	N03-33E	129	(39.3)	
		N18-51W	87	(26.5)	
	1				Point of beginning.