

GW 2

File No.

DUPLICATE

T 24 R 3E

County Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
MAY 30 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

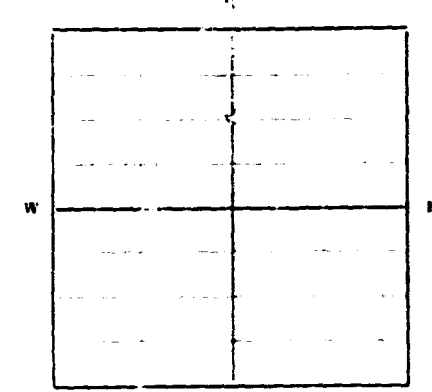
(Under Chapter 237, Montana Session Laws, 1961)

Owner: *Wesley Lindsay* Address: *Broadwater, Mont*
 Driller: *Wesley Lindsay* Address: *Broadwater, Montana*
 Date of Notice of Appropriation of Groundwater: *June*
 Date well started: *July 3* Date Completed: *July 11, 1963*
 Type of well: *drilled* Equipment Used: *Churn*
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3 1/2" dia	500	0	101	none		



NE 1/4 Sec 33 T 24 R 3E

Show exact depth of bottom.

Static Water Level for non-flowing Well: *45* feet.
 Shut-in Pressure for Flowing Well: _____
 Pumping Water Level: *60* feet at *15* gal. per minute.
 Discharge in gal. per min. of flowing well: _____
 How Tested: *slug* Length of Test: *2 min*

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

38
 Driller's License Number
Wesley Lindsay
 Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; duplicate to the School of Mines and Quadruplicate for the Appropriator.

70134

STATE OF MONTANA
County of Broadwater.

I hereby certify that the within in-
strument was filed for record in my
office on the 29th day of
July A.D. 1963 at
20 mid. past
o'clock P.M.

Carl M. ...
County Recorder.

By *Vedya ...* Deputy.

12-31-1963

8:30 A.M.

TYN RHE
Sec - 2-3-10

70866

STATE OF MONTANA
OFFICE OF STATE ENGINEER
SUSAN RICHIE

The undersigned, Round Grove Ranch Co., of Helena, Montana has appropriated groundwater according to the State of Montana in effect prior to January 1962 as follows:

Item #1 In the SW of Section 14, Township 3 North of Range 2 East, M.P.M.:

Well drilled in 1952. 6" casing, 140 feet deep, water level maintained at 20 feet below the surface, produces by pumping 50 gallons per minute. Used by declarant for stockwater and irrigation continuously since 1952.

Item #2 In the center of Section 22, Township 3 North of Range 2 East, M.P.M.:

Developed spring used for stockwater and irrigation on adjacent lands continuously by declarant and predecessors since 1863, produces 15 miners inches.

Item #3 In the NW of Section 26, Township 3 North of Range 2 East M.P.M.:

(3a) Drilled well 65 feet deep, 6" casing, water level 1 foot below surface, produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors since 1863.

(3b) In the South Half of Section 26, Township 3 North of Range 2 East a drilled well, forty feet deep, 6" casing, water level maintained at 3 ft. below surface. Produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors continuously since 1863.

Item #4 In Section 27, Township 3 North of Range 2 East, M.P.M.

(4a) An artesian well drilled in 1924, 6" casing, produces 60 gallons per minute. Used for irrigation and domestic purposes continuously by declarant since 1924.

(4b) Groundwater for sub-irrigation for 60 acres used continuously by declarant and predecessors since 1863.

Item #5 In Section 26, Township 3 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 200 acres used continuously by declarant and predecessors since 1863.

Item #6 In the NW of Section 22 of Township 3 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 90 acres used continuously by declarant and predecessors since 1863.

Item #7 In Section 16, Township 3 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 50 acres used continuously by declarant and predecessors since 1863.

Item #19 In Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Item #20 In the ... of Township ... Range ... East, ...
Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stock water since 1875.

Item #21 In Sections 20, 21, 22, ... of Township ... Range 2 East, ...
Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stock water since 1875.

Item #22 In Sections 21, 22, 23, 24, 25, 26 and 27 in Township 3 North of Range 3 East, ...
Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stock water since 1875.

Item #23 In Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19 of Section 22 in Township 7 North of Range 5 East, M.P.M.:
Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stock water since 1875.

Item #24 In Sections 31, 32, 33, 29, 19, 20, 21, 33 of Township 3 North of Range 5 East, M.P.M.:
Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

Item #25 In Sections 25, 24, 26, 35, 23, 27, 34, 35, 28 in Township 6 North of Range 4 East, M.P.M.:
Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

Item #26 In Sections 2, 3, and 10 of Township 7 North of Range 4 East, M.P.M.:
Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

Item #27 In Sections 35, 36, 25, 26, and 27 and 28 of Township 12 North of Range 2 East, M.P.M.:
Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

County of _____

J. FRANK O'CONNELL having first been duly sworn, deposes and says that he is of lawful age and is the president of BETHLEHEM CEMENT CO. the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the corporation whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

J. Frank O'Connell
J. FRANK O'CONNELL

Subscribed and sworn to before me, this _____ day of _____, 19__.

Notary Public for the State of Montana
Residing at Helena, Montana
My Commission expires _____

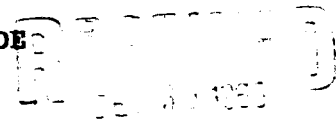
File No. _____

T. 7N R. 4E

DUPLICATE

County Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



**Notice of Completion of Groundwater Appropriation
Without Well**

Under Chapter 237 Montana Session Laws, 1961

Date of Appropriation of Groundwater _____

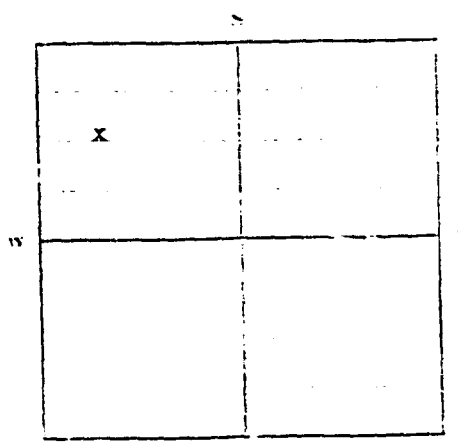
Owner Shindoll Ranch Address Townsend

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable _____ natural process



1/4 Sec. 6 T. 7N R. 4E
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

estimated 15 miners inches 1" pipe 6' high x

4x4 concrete head box plus over run

Signature of Owner Shindoll Ranch

by _____ (Partner)

Date 12-26-03

This form to be prepared by contractor if any, otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder, duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

1017
1017
1017
1017
1017
1017
1017



GWS

File No

T. 7^N R. 4^E

DUPLICATE

County Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 27 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural spring.

Owner Martin E. Clark Address R.R. 1 Townsend, Mont.

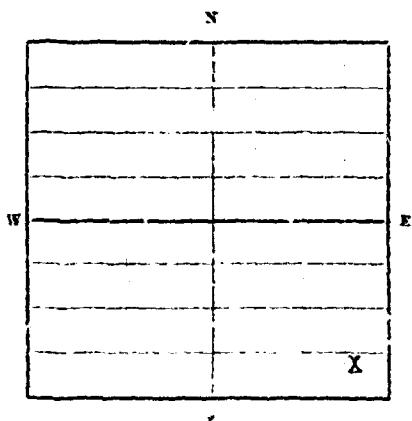
Contractor (if any) Not applicable.

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring, flowing from ground.

Stock use.



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

SE 1/4 SE Sec. 7 T. 7N. R. 4E 7th

Indicate point of appropriation and place of use, if possible.

tent estimate approximate lengths of periods of use

Quantity unknown, except that it is a large spring. Stock use, all year.

Signature of Owner [Handwritten Signature]

Date Nov. 26, 1963

This form to be prepared by contractor (if any) otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

70548

SHERIFF OF CO.
County of [unclear]
I hereby certify that a true and correct
statement was made to me in my
office on the 26th day of
November 1863
at [unclear] in the [unclear] State of [unclear]
[unclear]
Benjamin H. [unclear]
County Recorder
By [unclear]

File No. _____

T 7N R 4E7E

DUPLICATE

County Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
NOV 18 1963

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural spring.

Owner Martin E. Clark Address R.R. 1 Townsend, Mont.

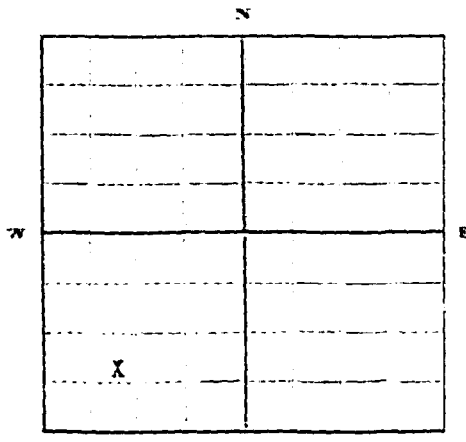
Contractor (if any) Not applicable.

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring, flowing from ground.

Cemented in for house and stock use.



SW 1/4 Sec. 7 T 7N R 4E7E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Quantity-unknown.

House and stock use.

Signature of Owner Martin E. Clark

Date Nov 15, 1963

This form to be prepared by contractor if any, otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

70494

Martin E. Clark

Office of the Clerk
of the Board of
County Commissioners
of the County of
November 15th
20
2
of
Anna Marie Lister
County Recorder
of the County of

File No.

T. R.

DUPLICATE

County BEAVER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

Under Chapter 237 Montana Session Laws, 1961

Date of Appropriation of Groundwater.....

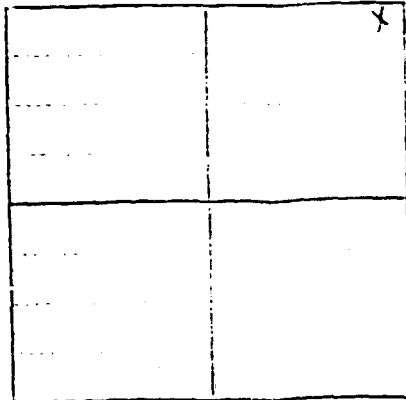
Owner Wm. E. Lutak Address Bozeman

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....



N.E. 1/4 Sec. 14 T. 7 R. 4E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use stock

water

Signature of Owner Wm. E. Lutak

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

5024

7550

December 30 63

7
A. J. [unclear]

RECEIVED

T. 7N R. 4E

County: Broadwater

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

	26	
	*	

Owner: U.S. Forest Service Address: Townsend, Montana

Driller: E. J. Whitaker Address: Augusta, Montana

Date Started: 7/10/59 Date Completed: 7/10/59

Location: Sec. 26 T. 7N R. 4E 1/4 sec. 3E

Type of well: Driven Equipment used: Churn Drill

Water use: Domestic [] Municipal [] Stock [] Irrigation [] Industrial [] Drainage [] Other: Public Camp Water Supply

Casing: 0 ft. to 22 ft. Type: steel size 4" Casing

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 19 to ft. 22 Ft. to ft.

Type of screen or perforations: Steel

Static Water level, for non-flowing well: Twelve feet

Shut-in pressure, for flowing well: lb. sq. in. on: (date)

Pumping water level: 12 feet at 10 gal gal. per min.

How tested: baled

Length of test: one hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

12-31-1963

8:30 A.M.

T7N R5E
Sec. - 5, 6, 7, 8, 9, 10,
15, 16, 17, 18, 22

70966

County of Broadwater

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF GROUNDWATER RIGHTS

The undersigned, Round Grove Ranch Co., of Helena, Montana has appropriated groundwater according to the State of Montana in effect prior to January 1963 as follows:

Item #1 In the SW of Section 14, Township 8 North of Range 2 East, M.P.M.:

Well drilled in 1952. 6" casing, 140 feet deep, water level maintained at 20 feet below the surface, produces by pumping 50 gallons per minute. Used by declarant for stockwater and irrigation continuously since 1952.

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Developed spring used for stockwater and irrigation on adjacent lands continuously by declarant and predecessors since 1863, produces 15 miners inches.

Item #3 In the NW of Section 26, Township 8 North of Range 2 East M.P.M.:

(3a) Drilled well 65 feet deep, 6" casing, water level 2 feet below surface, produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors since 1863.

(3b) In the South Half of Section 26, Township 8 North of Range 2 East a drilled well, forty feet deep, 6" casing, water level maintained at 3 ft. below surface. Produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors continuously since 1863.

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(4a) An Artesian well drilled in 1924, 6" casing, produces 60 gallons per minute. Used for irrigation and domestic purposes continuously by declarant since 1924.

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Item #6 In the NE of Section 22 of Township 8 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 90 acres used continuously by declarant and predecessors since 1863.

Item #7 In Section 16, Township 8 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 50 acres used continuously by declarant and predecessors since 1863.

18678

Groundwater springs and north and south forks of Jay Creek maintained and developed and used continuously by declarant and its predecessors for sub-irrigation and stockwater since 1863.

Item #20 In the NE of Section 11 Township 1 North of Range 3 East, M.D.M.

Groundwater springs and Jay Creek maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stockwater since 1863.

Item #21 In Sections 25, 27, 28, 29 of Township 1 North of Range 2 East, M.D.M.

Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stockwater since 1863.

Item #22 In Sections 21, 22, 23, 24, 25, 26 and 26 in Township 3 North of Range 2 East, M.D.M.

Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stockwater since 1863.

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Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

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Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

Item #26 In Sections 2, 3, and 10 of Township 7 North of Range 4 East, M.D.M.

Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

Item #27 In Sections 35, 36, 25, 25, and 27 and 23 of Township 12 North of Range 2 East, M.D.M.

Groundwater springs, maintained, developed and used continuously by declarant and predecessors for sub-irrigation and stockwater since 1875.

STATE OF MONTANA
County of Lewis and Clark

J. FRANK O'CONNELL having first been duly sworn, deposes and says that he is of lawful age and is the President of HOWD GROWL LUMBER CO. the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the corporation whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

J. Frank O'Connell
J. FRANK O'CONNELL

Subscribed and sworn to before me, this 20th day of
September, 1921.

Notary Public for the State of Montana
residing at Helena, Montana
My Commission expires 2022

File No. 25

T 1 E R 6 N

DUPLICATE

County Broadwater

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level 3850)



19' Top soil

32' Brn Shale
35' Brn Clay

50' Brn Shale
54' Broken Shale

62' Brn Shale

70' fractured Shale
(water)

... bottom.

Owner Jeno Flootte Address Townsend, Montana

Driller Barrus Drilling/ Pump Address Butte, Montana

Date of Notice of appropriation of groundwater Jan. 17, 1969

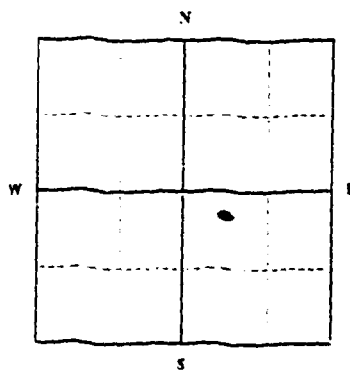
Date well started Jan. 10, 1969 Date completed Jan. 17, 1969

Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, i. thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
6" ID	6" ID .250 17.02 1bs	0'	63'	torch 1/2 X 4	60'	62'



Static Water Level for non-flowing well 2' feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 25' feet
at 15 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested pumped

Length of Test 24 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff)

water coming from fractured shale below pipe.

USE—Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e., Lot, Block and Addition).

NA

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located. Tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

No. 179

Driller's License Number
Barrus J. Barrus

Martin J. Barrus
Driller's Signature

12-31-1963
8:30 A.M.

T6 N R 2 E

Sec - 2, 14, 19, 22, 23,
24, 27, 28, 35, 36

De No. 70 866

MINISTRE DE L'AGRICULTURE
DEPARTEMENT DE L'INGENIERIE
SECTION DE L'EGOUTILLEMENT

The undersigned, Round Grove Ranch Co., of Helena, Montana has appropriated groundwater according to the State of Montana in effect prior to January 1962 as follows:

Item #1 In the NW of Section 14, Township 8 North of Range 2 East, M.P.M.:

A well drilled in 1952, 8" casing, 140 feet deep, water level maintained at 20 feet below the surface, produces by pumping 50 gallons per minute. Used by declarant for stockwater and irrigation continuously since 1952.

Item #2 In the center of Section 22, Township 8 North of Range 2 East, M.P.M.:

developed spring used for stockwater and irrigation on adjacent lands continuously by declarant and predecessors since 1863, produces 15 miners inches.

Item #3 In the NW of Section 26, Township 8 North of Range 2 East M.P.M.:

(3a) A drilled well 65 feet deep, 6" casing, water level 1 foot below surface, produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors since 1863.

(3b) In the South Half of Section 26, Township 8 North of Range 2 East a drilled well, forty feet deep, 6" casing, water level maintained at 8 ft. below surface. Produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors continuously since 1863.

Item #4 In Section 27, Township 8 North of Range 2 East, M.P.M.

(4a) An artesian well drilled in 1924, 6" casing, produces 50 gallons per minute. Used for irrigation and domestic purposes continuously by declarant since 1924.

(4b) Groundwater for sub-irrigation for 60 acres used continuously by declarant and predecessors since 1863.

Item #5 In Section 26, Township 8 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 200 acres used continuously by declarant and predecessors since 1863.

Item #6 In the NW of Section 22 of Township 8 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 90 acres used continuously by declarant and predecessors since 1863.

Item #7 In Section 16, Township 8 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 50 acres used continuously by declarant and predecessors since 1863.

ship 4 North of Range 1 East, M.P.M.:

level 1 ft. from surface, used continuously for irrigation since 1915 and producing 2 miners

Range 1 West, M.P.M.:

maintained, developed and used by its predecessors for sub-irrigation since 1916.

Township 4 North of Range 1 East, M.P.M.:

ing producing 5 miners inches, maintained, developed and used continuously by the declarant and its predecessors for irrigation and stockwater since 1916.

Section 29, Township 4 North of Range 1 West, M.P.M.:

A dug well 48 ft. deep, water level 16 feet from surface producing 2 miners inches of water, maintained, developed and used continuously by declarant and its predecessors for domestic purposes and stockwater since 1916.

Item #42 In Section 10, Township 4 North of Range 1 West, M.P.M.:

Groundwater springs maintained, developed and used continuously by declarant and its predecessors for irrigation and stockwater since 1916.

Item #43 In Sections 2, 11, 22, 35, 23, 19, 35, 27, 14, 24 of Township 6 North of Range 1 East, M.P.M.:

Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stockwater since 1915.

Item #44 In Section 29, Township 6 North of Range 1 East, M.P.M.:

Use of Missouri River for stockwater maintained, developed and used continuously by declarant and its predecessors since 1915.

Item #45 In Section 22, Township 6 North of Range 1 East, M.P.M.:

A dug well 18 ft. deep, water level maintained 6 ft. below surface, producing 2 miners inches and maintained, developed and used continuously by declarant and its predecessors for domestic purposes and stockwater since 1915.

ROUND HOLE RANCH CO.

37 J. Frank O'Connell
J. Frank O'Connell, President

(SEAL)

WITNESS:

Gloria O'Connell
Gloria O'Connell, Secretary

State of Montana
County of Lewis and Clark

J. FRANK CONNELL having first been duly sworn, deposes and says that he is of lawful age and is the resident of 10700
NORTH AVENUE 10. the appropriator and claimant of the order and
water right mentioned in the foregoing declaration of vested
groundwater rights and the corporation whose name is subscribed
thereto, as the appropriator and claimant, that he knows the con-
tents of said foregoing notice and that the matters and things
therein stated are true.

J. Frank O'Connell
J. Frank O'Connell

Subscribed and sworn to before me, this 27 day of
September, 1931.

Notary Public for the State of Montana
residing at Helena, Montana
My Commission expires

File No.

T. ~~6R~~ **6R** 2R 1E

DUPLICATE

County **Broadwater**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1963

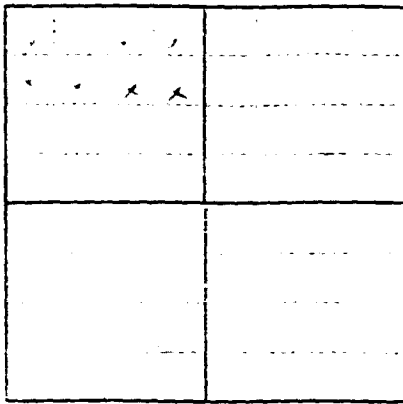
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, **Margaret E. Booher** of **Route 1,** **Townsend,**
(Name of Appropriator) (Address) (Town)

County of **Broadwater** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based **livestock water.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1880**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **300 miners' inches**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Self rising**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table **36 inches**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year **300 miner's inches**

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner *Margaret E. Booher*

Date **December 30, 1963**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and quadruplicate to the Appropriator.

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File No. _____

T 6 N. R 1 E.
 County Broadwater

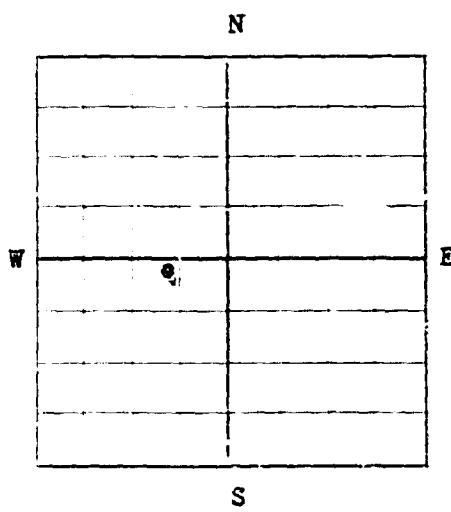
DUPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
 Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 10-22-65
 Bureau of Land
 Owner Management Address P. O. Box 1048, Dillon,
 Montana
 Contractor (if any) None
 Address of Contractor N/A
 Date Started 9-17-65 Date Completed 10-18-65



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Development of natural spring.
 The spring area dug out with back-hoe, drain tile laid and covered, a cement cutoff wall poured and water led to 3 steel troughs with 1 1/2" plastic pipe.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Approximately 7 gallons/minute obtained measured by using container of known volume for known period of time. Use from 12/1 to 3/31.

NE 1/4, SW 1/4, Sec 23, T6 N. R. 1 E.
 Indicate point of appropriation and place of use, if possible.

Bureau of Land Management
 Signature of Owner By: *[Handwritten Signature]*
 Date: *10/22/65*

This form to be prepared by contractor (if any), otherwise by the owner.
 Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
 Please answer all questions. If not applicable, so state, otherwise the form will be returned.
 Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

73004

1914
No. 2976
October 15
1914
By *[Signature]*

File No. _____

Township _____ Range _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Under Chapter 237 Montana Session Laws, 1961

Date of Appropriation of Groundwater _____ 1944 _____

Owner _____ Address _____

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____ 1944 _____

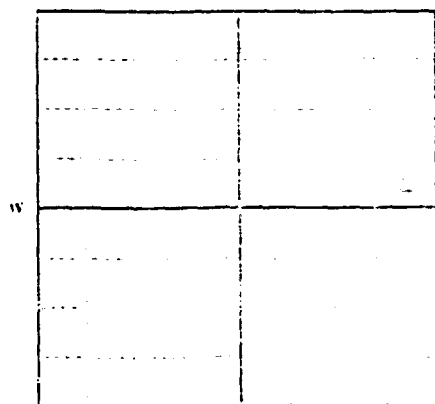
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A trench 3 foot deep and

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

Signature of Owner _____

Date _____ 27, 1963



Indicate point of appropriation and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

70819

STATE OF MONTANA
County of Broadwater.

I hereby certify that the within in-
strument was filed for record in my
office on the 30 day of
Dec A.D. 1963 at
27 minutes past 11
o'clock a.

County Clerk
By _____ Deputy

File No. _____

T. & R. _____

DUPLICATE

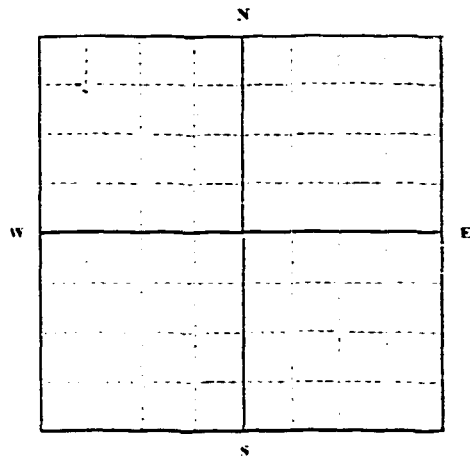
County Blaine
1959
ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, Jack Smith, of Blaine, Montana,
(Name of Appropriator) (Address) (Town)

County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 54 R. 12E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
drinking water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1959 continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
drinking water

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
April 10, 1959 well started
May 4, 1959 well completed

The depth of water table 12 feet

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
hole drilled 6 inch dia. 12 feet
and cased pipe 4 inch iron casing to 12 feet

10. The estimated amount of groundwater withdrawn each year 200,000

11. The log of formations encountered in the drilling of each well if available
12' to 15' sandstone
15' to 20' shale
20' to 25' sandstone

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Jack Smith
Jack Smith
Signature of Owner
Date December 27, 1963

3 copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Geology and Geology; and Quadruplicate for the Appropriator.

13727

70918

STATE OF MONTANA
County of _____
I, _____
do hereby certify that _____
is the _____
of _____

By _____

T. 6N R. 1E

County Broadwater

10 30 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

X			

Owner Sarah McMullan, W.D. Williams, John Williams
Jack Smith, George Harrigfeld, Address Toston, Montana

Driller Van Dyken Drilling Company Address Bozeman, Montana

Date Started April 28, 1959 Date Completed May 4, 1959

Location: Sec. 34 T. 6N R. 1E 1/4 sec. NW 1/4

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Cable tools (Churn drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 0 ft. to 105 ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 14 feet.

Shut-in pressure, for flowing well: _____ lb. sq. in. on: _____ (date)

Pumping water level 30 ft., drawdown _____ feet at _____ 50 gal. per min.

How tested: Bailor

Length of test: 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

County Broadwater Twp. 6N Rge. 2E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Miller, Chris	Well log	—	
2	Heuer, Ed	GW 4	68192	
2	Heuer, Edward E. & Elsie	Well log	—	
2	Harrington, George, Jr.	GW 4	70730	
3/3	Ridgeway, Jessie J.	4	70867	
3	Hunsaker, Marcie	GW 2	80660	
3	Ridgeway, Jessie	GW 4	63490	
3	Prasser, Wm.	GW 3	70724	
4	Bruce, Marie	3	70622	
6	Neild, Mildred M.	3	70923	
6	Ragan, Wm. G.	GW 4	70760	
7	Bollinger, D. A.	4	70851	
7	" " "	4	70852	
7	" " "	4	70848	
7	" " "	GW 3	70853	
8/9	Annett, Vera R.	3	70642	
8	Hahn, W. Paul & Dorothy M.	GW 4	70709	
8	" " "	4	70708	
9	Annett, Vera R.	4	70640	
9	Bruce, Wallace & Minnie	4	68806	
9	Bruce, Marie	4	70623	
9	Carsan, Paul	4	70765	
9	Grimm, Ernes and Gertrude	4	70744	
9	Grimm, " " "	4	70745	
9	" " " "	4	70742	
9	" " " "	4	70743	
9	Miller, Chris & Mildred	4	70805	
10	Prasser, William	Well log	—	
10	Prasser, "	GW 3	70725	
12	Harrington, George C., Jr.	GW 4	70729	
14	Mitchell, Jacob E.	GW 2	70379	
16	Hensley, Robert L.	Well log	—	
16	Scotfield, Chester L.	GW 2	80619	
17	Bollinger, D. A.	GW 3	70855	
20	Stanfill, Perry Jed, et al	3	70800	
21	Maudree, R. E. & Anais D.	Well log	—	
21/22	Scotfield, D. H.	GW 2	70827	
22	Welch, Jack (Estate)	GW 4	70877	
24	Stanfill, Perry Jed et al	GW 3	70802	
26	Davis, D. D.	Well log	—	
26	" " "	" "	—	
27	Nelson, Jack D.	GW 4	70898	
28	Carlisle, John R.	4	70811	
28	" " "	GW 3	70812	
28	Stanfill, Perry Jed, et al	3	70797	

T. _____ R. _____

County Broadwater

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner Chris Miller Address Townsend

Driller Van Diken Drilling Co. Address Bozeman

Date Started Dec. 23/00 Date Completed Dec. 27/00

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____ of N.E. _____

Type of well Drilled Equipment used Cable tools
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: _____ ft. to _____ ft. Type Pipe Steel Size 3/4" N.P.S.

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet.

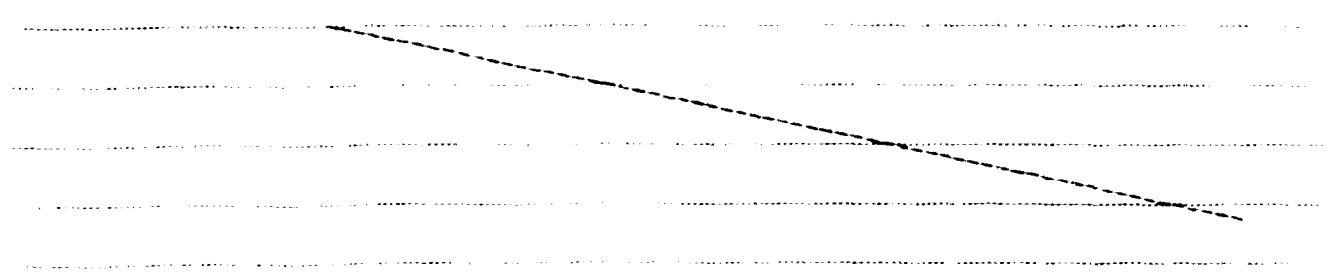
Shut-in pressure, for flowing well: _____ lb. sq. in. on: _____ (date)

Pumping water level: _____ feet at _____ gal. per min.

How tested: _____

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)



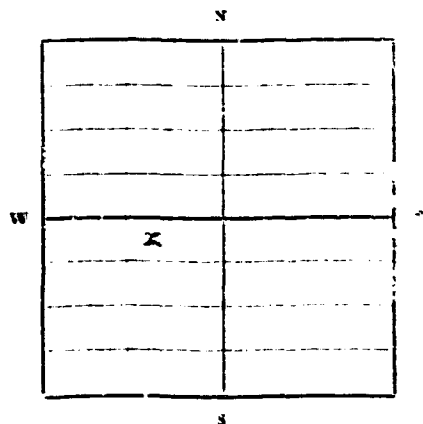
(over)

File No. _____
DUPLICATE

T 6N R 2E
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, **Ed Hauer** of **Townsend**
(Name of Appropriator) (Address) (Town)
County of **Broadwater** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1. The beneficial use on which the claim is based
household purposes-dairy use in barn
2. Date or approximate date of earliest beneficial use; and how continuous the use has been **1947-used continuously**
3. The amount of groundwater claimed (in miner's inches or gallons per minute): **about 20 gallons per minute**
4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **only used on yard around house**
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
water well with jet pump
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1947 started and completed**
7. The depth of water table **flush with ground**
8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **67 foot well with 6" iron pipe-not perforated or screened**
9. The estimated amount of groundwater withdrawn each year **about 125,000 gallons per year**
10. The log of formations encountered in the drilling of each well if available
solid rock and then at 67 feet hit gravel and water
11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner *Ed Hauer*

Date **January 4, 1962**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines; Quadruplicate for the Appropriator.

2

T. 6N R. 2E

County Broochater

RECEIVED
MAY 19 1957

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

	2		
		X	

Owner Edward E. & Elsie Huer Address Townsend

Driller Robert Price Address Clancy

Date Started 1950 Date Completed 1950

Location: Sec. 2 T. 6N R. 2E 1/4 sec. NWSE

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Churn Drill (Churn drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 0 ft. to 164 ft. Type steel Size 12 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 20 to ft. 148 Ft. _____ to ft. _____

Type of screen or perforations 1/2 inch perforation

Static Water level, for non-flowing well: 8 feet.

Shut-in pressure, for flowing well: 40 lb. sq. in. or: whenever used (date)

Pumping water level: 5 feet at 350 gal. per min. compressor

How tested: 6 hrs.

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

File No.

T. 4N R. 2E

DUPLICATE

County Broadwater

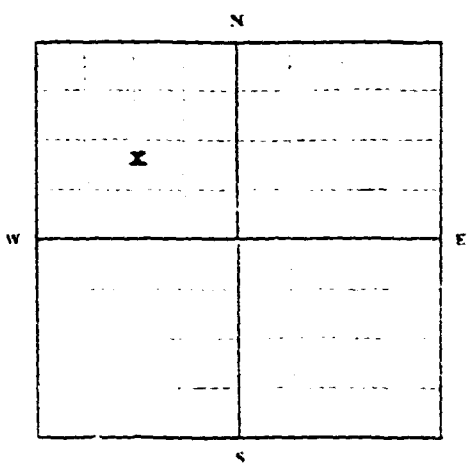
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
11 1963
STATE ENGINEER

I, George C. MacCaffrey, Jr. of Box 38 Townsend
(Name of Appropriator) (Address) (Town)
County of Broadwater State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



54 1/4 Sec. 2 T. 6N R. 2E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Not known
Used steady last 25 years
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
60 gals.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump 3/4 horse
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Not known
8. The depth of water table
40'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
30' deep 30 gal pressure tank
Electric 3/4 horse Mayers pump
6" steel casing
10. The estimated amount of groundwater withdrawn each year
1,000,000
11. The log of formations encountered in the drilling of each well if available
Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
Not known

Signature of Owner George C. MacCaffrey, Jr.
Date 11/15/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Triplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.

70730

1882

29th

Monday

20

at

San Francisco

California

File No. _____

T 6N R 2E

DUPLICATE

County Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

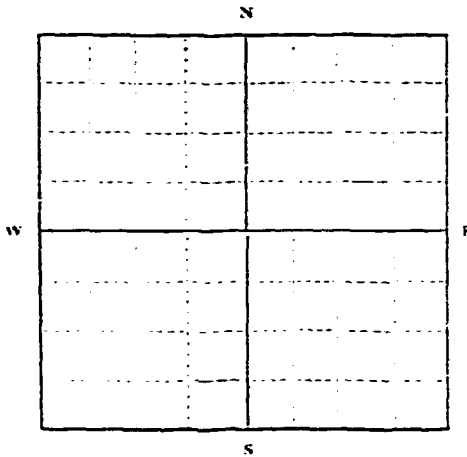
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Jessie J. Ridgeway of Townsend (Name of Appropriator) (Address) (Town)

County of Broadwater State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 2&3, T6N, R.2E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

all subirrigation

2. The beneficial use on which the claim is based irrigation

3. Date or approximate date of earliest beneficial use: and how continuous the use has been continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) not measured

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Section 2 and Section 3 T6N R 2E
Jessie J. Ridgeway

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal n/a

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater n/a

8. The depth of water table n/a

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater n/a

10. The estimated amount of groundwater withdrawn each year not measured

11. The log of formations encountered in the drilling of each well if available n/a

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Jessie J. Ridgeway
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

70867

STATE OF MONTANA, ss.
County of Broadwater.

I hereby certify that the within in-
strument was filed for record in my
office on the 21 day of

Dec A.D. 1963
35 min. past 6

o'clock P.M.
Ann Marie Stein
County Recorder.

By _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Harold Amacker

Address Boston,

Montana

Date well started 4-72

completed 4-27-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used cable tool

(China drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

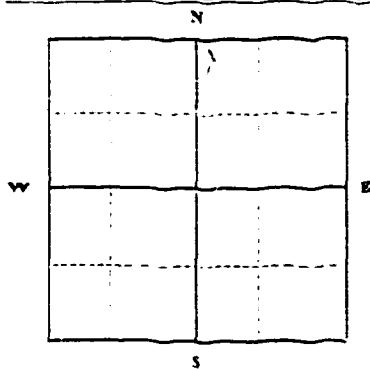
Industrial Drainage Other Garden/Lawn

* Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	2 1/2"	307'	211'	perforated with mills and bits	258'	268'



Static water level 140 ft.
Pumping water level 200 ft.
at 30 gallons per minute,
measured 3 minutes after pumping began.

*Measured from ground level.
Well developed by 3 hours.

Power 3 Pump 3 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

1/2 Sec. 3
6 N.R. 2 E
3

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Drillers Signature Robert A. Potts

Drillers Address 1000 Hilling and Developing

Route 1 State ca, Montana

LICENSE NO. 150

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	50	Sandy clay overburden interbedded with scattered rocks
50	88	soft sandy shale
88	100	dry gravels
100	127	clay
127	140	sand
140	195	stiff clay
195	241	sandy loose sand & gravels
241	246	clay
246	255	fine sand
255	260	coarse sand
260	272	coarse sand and gravel
272	285	sand and gravel clay binder
285	299	sandstone
299	310	tight sand & gravels claybound

310 Show exact depth of bottom

80640

90
Set 73
25 9
2
Francis Thorne
J

File No. _____

T. 61 R. 23

DUPLICATE

County Broadwater

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961.

I, Jessie Ridgeway of Townsend
Name of Appropriator Address Town
County of Broadwater State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Section 3 T. 61 R. 23

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: household and stock watering purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900 (approximate)
4. The amount of groundwater claimed in miner's inches or gallons per minute. approximately 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
N/A
~~Section 3 T. 61 R. 23~~
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about 1900
8. The depth of water table. 20 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well-6" steel casing
10. The estimated amount of groundwater withdrawn each year. 200,000 Gallons
11. The log of formations encountered in the drilling of each well if available. hard pan, gravel & sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. no record

Signature of Owner Jessie Ridgeway

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Administrator.

County of _____
State of _____
I, _____
do hereby certify that _____
is the _____
of _____
and that _____
is the _____
of _____
County Recorder
By _____ Deputy

7-724

1881
20

26
December 28
20

Chas. W. Allen
Recorder.

Wm. L. Allen Deputy.

File No.

T. 4N R. 2E Sec. 3

DUPLICATE

County Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

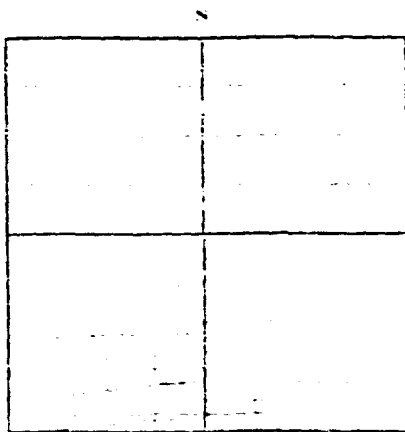
Date of Appropriation of Groundwater 9/11/54

Owner W. Prosser Address Townsend, Mont.

Contractor (if any) none

Address of Contractor

Date Started..... Date Completed.....



.....4..... Sec. T. R.

Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This filing is for the purpose of claiming any & all of the subwaters under this acreage for the purpose of farming.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. this subwater is advantageous to the growing of grain, hay and pasture. This subwater maintains a high water table.

Signature of Owner.....

Date.....

This form to be prepared by contractor if any, otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder, duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

File No. _____

T. L. R. 4 F.

DUPLICATE

County - Broadwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 13 1963
STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

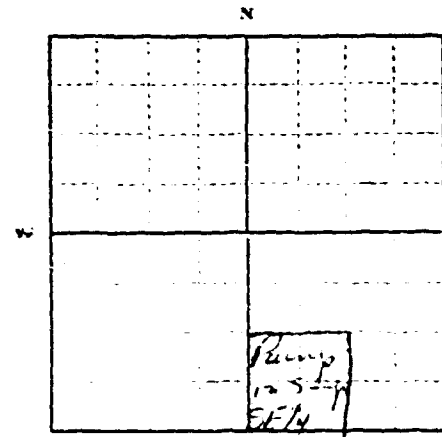
Date of Appropriation of Groundwater - See Supplement.

Owner - Marie Bruce - Address - Townsend, Montana.

Contractor (if any) - none.

Address of Contractor -

Date Started - See Supplement. Date Completed -



S.W. 1/4 Sec. 4 T. 6 N. R. 2 E

Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Groundwater in section 4 has been obtained since at least 1900 by sub-irrigation. Since August 24, 1963, groundwater is also obtained by a pump, pumping from the slough. (See supplement for further particulars.)

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use -

See Supplement.

Signature of Owner - Marie Bruce

Date - December 11, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

70622

STATE OF MONTANA) ss.
County of Broadwater.)

I hereby certify that the within instrument was filed for record in my office on the 11th day of November A.D. 1965 at 25 min. past 3 o'clock P.M.

Samuel W. Stinson
County Recorder.

Gladys Hanson Deputy.

SUPPLEMENT.

This supplement has been prepared to be filed with the attached GW 3 Form., to which reference is hereby made.

Portions of Section 4 have always been a form of slough with groundwater immediately below the surface of the ground. Since at least the turn of the century in 1900, groundwater has been obtained by sub-irrigation, on most of Section 4. In 1949, a drainage district was formed to drain the general area and areas to the north of owner's properties. In August of 1963, the owner, Marie Bruce, caused a pump to be installed in the SW 3/4 of Section 4, to pump these groundwaters out of the slough and drainage ditch and over and across owner's lands in Section 4, and all thereof, except for the right. The estimated length of period of use annually and the quantity of water developed by pump alone is as follows:

between 250 and 300 inches of water by means of pump.
The water could be used continually, but estimated beneficial use will be during the normal irrigation season in the area.

File No. _____

DUPLICATE

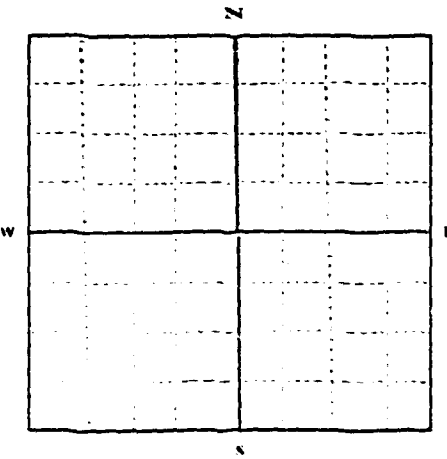
T. 6N R. 2E
County: Blaine
JUN 3 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
~~Water~~ Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1939
Owner Richard M. Field Address Townsend Park
Contractor (if any) unknown
Address of Contractor _____
Date Started 1939 Date Completed 1939



1/4 Sec. T. R.
Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

well - approx. 80 feet deep

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use used
5 months of year for watering
150-200 head cattle -

North-west corner
(approx) Plot 6 1/2 1/2
lots 6-7-8
15 66N 2E

Signature of Owner Richard M. Field
Date Nov. 21 - 1963

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

70923

STATE OF MISSISSIPPI
County of Boardman.

I hereby certify that within the
state of Mississippi the land of

_____ 31 _____ of

_____ 0063 a

_____ part 2

is the property of

_____ County Recorder

By _____ Deputy

File No.

TEN RZE

DUPLICATE

County, *Broadwater*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

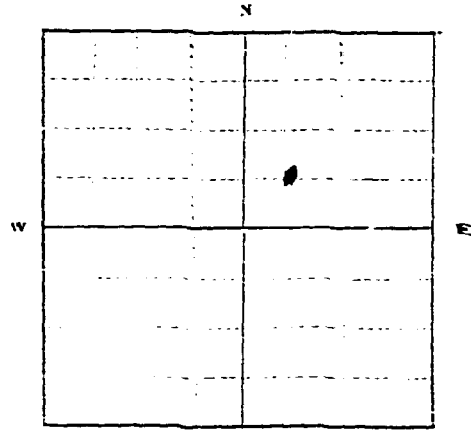
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *Wm G Ragan* of *Broadwater*
(Name of Appropriator) (Address) (Town)
County of *Broadwater* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 6 TEN RZE
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

12 months of year

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

50 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

not for irrigation

6. The means of withdrawing such water from the ground and the location of each well, or other means of withdrawal

electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

Oct 1947

8. The depth of water table

38 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

3 inch casing well, electric pump, 38 ft deep

10. The estimated amount of groundwater withdrawn each year

16000 gals day for 150 days as needed rest of year

11. The log of formations encountered in the drilling of each well if available

not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

not applicable

Signature of owner: *Wm G Ragan*

Date *Dec 27, 1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. If unused the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

70760

27th
December 63
FBS 3

45
Asen...
Hedyp...