

169473

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

December A. D. 1963

AT 9:00 O'CLOCK a M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2.

Form No. 18
8-60

T. 7N R. 26E
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 13 1961

Water Well Log

STATE ENGINEER

Owner John Overgaard Address Spokane
Driller Don Strand Address Spokane
Date Started 10-30-61 Date Completed 11-1-61
Location: Sec. 20 T. 7N R. 26E $\frac{1}{4}$ sec. SW $\frac{1}{4}$ NE $\frac{1}{4}$

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

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

Casing: 0 ft. to 50 ft. Type _____ Size _____

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

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

Perforated or screened: Ft. 39 to ft. 50 Ft. _____ to ft. _____

Type of screen or perforations Factory slots

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: Bail-tested at 20 gal. per min.

Length of test 30 min.

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

Gravel-packed around outside of casing
to keep soft dirt from rolling in.

(over)

20

Log of Well

[illegible]

54367

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY }
FILED THIS 28th DAY OF
June A. D. 19 23
AT 3:46 O'CLOCK P. M.
CLAUDE F. FLETCHER
COUNTY RECORDER
Louise Steiner
300 DEPUTY

IN 26E 20
County MUSSELL HILL

STATE OF MONTANA RECEIVED
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD JUN 14 1973

**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 ANDREW COBIN

Address Boulevard Mont

Date well started 8-19-72

completed 8-21-72

Type of well Dug

Equipment used ROTARY

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

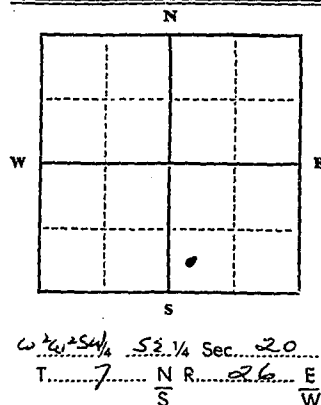
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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 200,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4	5" PLASTIC	14	150	1/8" slots	90	150



Static water level 70 ft.*
Pumping water level 140 ft.*
at 3 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level.
Well developed by BAILING
for 4 hours.

Power.....N.A. Pump.....N.A. HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) P.A.C.H.P.
@ 600 ft. Bx 100 ft.
To Top.

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

Driller's Signature

Driller's Address

PRAIRIE DRIVE
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,

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)

[illegible]

Show exact depth of bottom

53, 5/3.

185724

STATE OF MONTANA,
MUSSELSHELL COUNTY.
FILED THIS 13th DAY OF
June A. D. 1923
AT 11:25 O'CLOCK P.M.
CLAUDE F. FLETCHER
COUNTY RECORDER
Amos Stevens
DEPUTY

File No.

T. 7. N. R. 26.

DUPLICATE

County. Musselshell

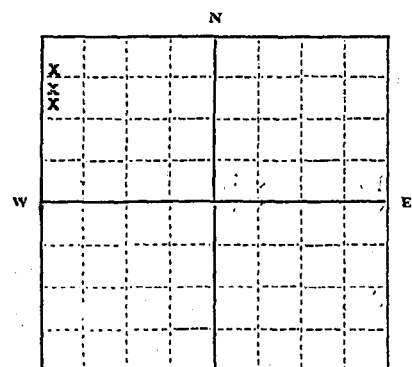
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 27 1963
STATE ENGINEER

1. Clarence E. Miller, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



3 flowing springs in

NW 1/4 NW Sec. 21, T. 7, R. 26.

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. 3 springs,
irrigation and stockwater, domestic use.
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1948
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 1000 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
100 acres in Section 21 and part of Section 17, Town-
ship 7 North, Range 26, lying East of highway 87,
owner Clarence E. Miller
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
Natural flowing springs and jet pump for
irrigation
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Used water for irrigation since 1948. Stockwater use was prior
from 1900
8. The depth of water table. ground level, springs flow naturally
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.
All three springs flow naturally in Half Breed Creek and water is pumped
out for irrigation by jet pump.
10. The estimated amount of groundwater withdrawn each year. 1000 miners 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 CLARENCE E. MILLER

Date December 18, 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.

13577

169362

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } SR.

FILED THIS 26 DAY OF

Nov A. D. 1963

AT 11:09 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Elaine J. Freeman
DEPUTY

\$ 5.00

File No. 5T. 7N R. 26E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 27 1963
STATE ENGINEER

1. Clarence E. Miller, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE 1/4 NE 1 Sec. 21 T. 7N R. 26E

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

26E 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 1955; 6 to 8 months each year
continuous each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. 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
well; NE 1/4 NE 1 Sec. 21

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955

8. The depth of water table 40 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
6 in. cased well, 68 ft. deep

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

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

Clarence E. MillerDate 12-18-63

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; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13572

169357

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF

Dec A. D. 19 63

AT 11:04 O'CLOCK am

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gosman

DEPUTY

\$2.00

File No.

T. 7 N R. 26 E

DUPLICATE

County MissoulaRECEIVED
DEC 23 1963STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Not availableOwner Owen F. James Address Roundup MontContractor (if any) NoneAddress of Contractor NoneDate Started Not available Date Completed Not availableDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a naturalspring. The depth to water
is around 4 feet. with recovery
below spring.

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

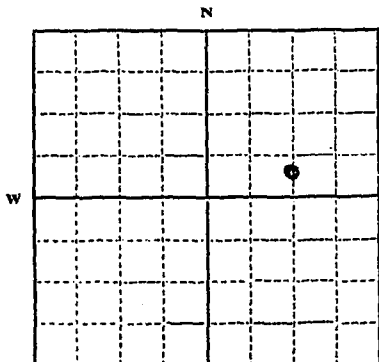
estimate approximate lengths of periods of use. runs theyear round. estimated at
about 3 gallons a minute,
waters 60 head of cows in
the area.Signature of Owner Owen F. JamesDate Dec 15 1963

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.

S $1\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 22 T. 7 N R. 26 E
Indicate point of appropriation
and place of use, if possible.

169286

STATE OF MONTANA }
MUSSELSHELL COUNTY }

FILED THIS 20 DAY OF

Dec A. D. 1963
AT 3:51 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Johnson
DEPUTY
92.00

File No.

DUPLICATE

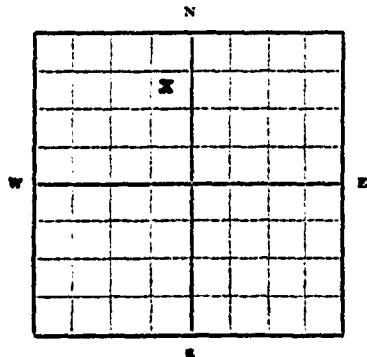
T. 7 N. 26 E. 23
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 23 1963
STATE ENGINEER

1. Owen Farnas, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 23 T. 7 R. 26

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 Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1959 date completed for drilling, and has been in continuous use since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and electric motor.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July, 1959
8. The depth of water table 260 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 8 inch casing, depth 365 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 0-4 surface soil; 4-25 Blue Clay; 25-30 Buff sandstone; 30-70 sandy shale; 70-712 Coal; 712-245 Hard Sandy shale; 245-245 Coal; 245-262 Sand with water 2 gal per min.; 262-305 shale streak with coal; 305-330 Hard sandy shale; 330-338 Sand with more water increased to 5 gal per min.; 338-365 Hard sandy shale; completed at 365, cased to bottom with 6".
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 Owen Farnas

Date December 20, 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.

11688

169283

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 20 DAY OF

Dec A. D. 1963
AT 3:48 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gosman
DEPUTY
#2.02

RECORDED
INDEXED
214160-1111

File No.

DUPLICATE

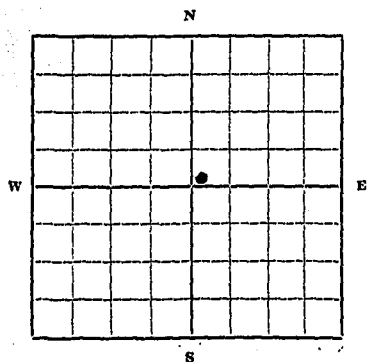
T. 7^N R. 26^E 24
County Miss

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

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Owen F Farnes of Roundup Montana
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 24 T. 7 R. 26

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 and used only when stock is short of water at some other point
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gallons a 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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and gas motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not available
8. The depth of water table 80 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 6 in casing about 120 feet
10. The estimated amount of groundwater withdrawn each year 5,000 when used
11. The log of formations encountered in the drilling of each well if available none
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 none

Signature of Owner Owen F Farnes
Date Dec 15 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.

169284

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 20 DAY OF

Dec A. D. 1963

AT 3:49 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gorman
DEPUTY
2.20

RECORDED
(11) 10-1-63

INDEXED
11-1-63

File No.

DUPLICATE

T. 7^N R. 26^ECounty Missoula

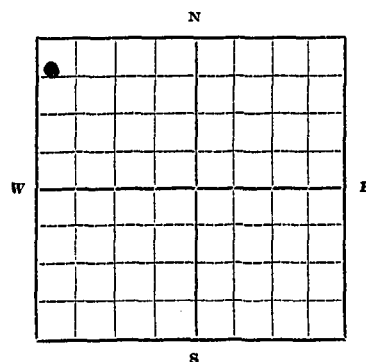
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

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

STATE ENGINEER

1. Owen F. Farnes of Roundup Montana
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 24 T. 7 R. 26

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been around 1920 or maybe earlier. It used very often
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 1/2 to 2 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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table 75 to 80 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 6 in casing and 110 ft deep
10. The estimated amount of groundwater withdrawn each year 109,500
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 none

Signature of Owner Owen F. FarnesDate Dec 15, 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.

11687

169282

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 20 DAY OF

Dec

A. D. 1963

AT 3:47 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Flaine J. Gassner
DEPUTY

\$22.00

RECORDED
INDEXED
MUSSELSHELL COUNTY
MONTANA

File No.

DUPLICATE

T. 7 N R 26 E 24

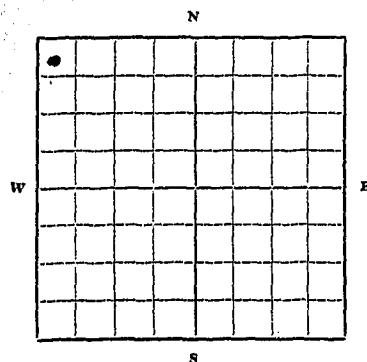
County Miss.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

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

1. Owen J. James, of Roundup Montana
(Name of Appropriator) (Address) (Town)
County of Misselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 24 T. 7 R. 26

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 House water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been December in 1959 used for house water and lawn only
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 or 6 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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump with pressure tank
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 10th completed Dec 15th
8. The depth of water table 50 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 well is 6 in casing 65 feet deep
10. The estimated amount of groundwater withdrawn each year 23,000
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 none

Signature of Owner Owen J. James

Date Dec 15, 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.

11690

169285

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 20 DAY OF

Dec A.D. 1963
AT 3:50 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gossett
DEPUTY

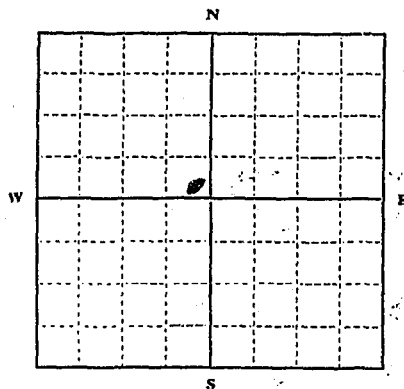
\$2.00

CIVIL ENGINEER
B. H. MATZKE
MUSSELSHELL COUNTY
MONTANA

File No.

T. 7 N R. 26 E
County Musselshell

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 27 1963Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)1. Dan M. Hardy, of Box 888 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 Sec. 25, T. 7 N., R. 26 E.

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 July 1960
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....5 gal. 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.....Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....July 1960
8. The depth of water table.....78 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.....Well 230 Ft. deep. Cased to bottom with 6" casing. Water withdrawn by pump through 2" pipe
10. The estimated amount of groundwater withdrawn each year.....150,000 gallons
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.....

Signature of Owner

Dan M. Hardy
Date December 20, 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.

13578

169363

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF

Dec A. D. 1962

AT 11:10 O'CLOCK AM

B. H. MAGUIRE
COUNTY RECORDER

Glaine J. Gosman
DEPUTY

2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

T. 7N R. 26E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

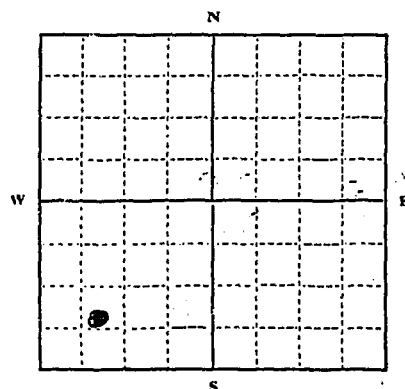
RECEIVED
DEC 29 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dan M. Hardy, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ Sec 25 T. 7 R. 26

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 Spring
used for stock water

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1911
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gal 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
Spring flows naturally

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1911

8. The depth of water table ground level

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

Spring flows naturally into a coulee. Stock
are watered from the flow into coulee

10. The estimated amount of groundwater withdrawn each year 500,000

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 Dan M. Hardy

Date December 29 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.

13579

169364

STATE OF MONTANA,
MUSKIELE COUNTY.

FILED THIS 26 DAY OF

Dec A. D. 1963

AT 11:11 O'CLOCK

B. E. MASON

COUNTY RECORDER

Elaine J. Green
2.00 DEPUTY

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

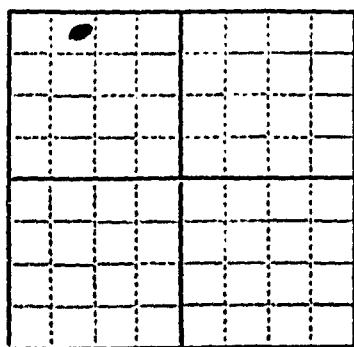
T. 7 N R. 26 E
County Musselshell

JAN 3 1965

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Len & Gaylord Van Driest of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Spring located in
NW 1/4 Sec 26 T. 7 R. 26

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 Spring
used for stock water
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1900
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 10 gal per min.
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
Natural Flowing Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Spring has always been on land and
flowing
8. The depth of water table ground level
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 Natural Flowing Spring
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
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 N.M.E.

Signature of Owner

Len Van Driest
Gaylord Van Driest
Date December 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.

20629

169785

STATE OF MONTANA
SHERIFF'S OFFICE
COUNTY OF DEERBELL
DATE
31 DAY OF
December
5:36 O'CLOCK P.M.
E. E. MATZKE
JAMES L. Dawson
2nd DEPUTY SHERIFF

File No.

DUPLICATE

T. 7R. 26ECounty Musselshell

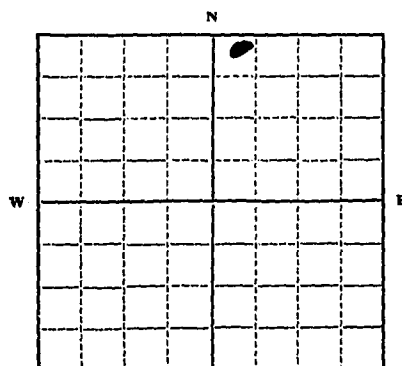
JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lena & Gaylord Van Driest, of Roundup
(Name of Appropriator) (Address)
County of Musselshell State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Spring Located in
NE 1/4 Sec. 27 T. 7 R. 26

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 Spring
used for Stockwater

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1900
CONTINUOUS USE

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gpm per acre

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
Natural Flowing Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Spring has always been there

8. The depth of water table Ground Level

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
Natural Flowing Spring - Flows year around

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

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 NONE

Signature of Owner

Lena Van Driest
Gaylord Van Driest
Date December 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.

20633

169789

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF

December A. D. 19 63

AT 5:44 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
301 DEPUTY

Form No. 18
8-60

29

T. 7 R. 26

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

Water Well Log

STATE ENGINEER

Owner Carl & Fred Eliason Address Roundup mont

Driller Carl & Fred Eliason Address Roundup mont

Date Started July 1944 Date Completed July 1944

Location: Sec. 29 T. 7 R. 26 $\frac{1}{4}$ sec. N.E. of N.E.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Casing: 48 ft. to ft. Type Galvanized Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. . Ft. to ft. 20 Bottom

Type of screen or perforations holes

Static water level, for non-flowing well: 35 ft. feet.

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

Pumping water level 35 feet at 40 gal. per min. 1

How tested: Bailing Bucket

Length of test 20 min

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

(over)

Log of Well

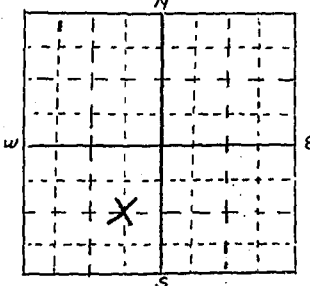
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State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 7 N E 32
R. 26
County Musselshell
RECEIVED
JAN 8 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert A. Jones, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell 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.....
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5 gal. per min.
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.....
PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1916
8. The depth of water table 50 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.....
Well 200 Feet deep - Cased 6" casing
2 inch pipe and cylinder
10. The estimated amount of groundwater withdrawn each year. 100,000
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 count record.....
NONE

S.W. 1/4 Sec 37 T. 7 N R. 26 E

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

Signature of Owner Robert A. Jones
Date December 31, 1963

169635

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

December A. D. 19 63

AT 11:09 O'CLOCK a.M.

E. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2-1

T. 7 N E 32
R. 26
County. Musselshell

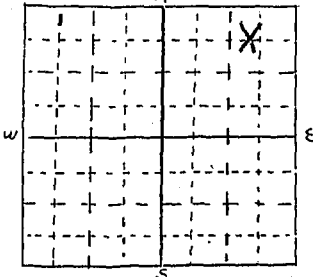
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert A. Jones, of Roundup, (Name of Appropriator) (Address) (Town)
County of Musselshell 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.....
Stack water and household use.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been ... 1942 - Continuous use ...
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ... 5 gpm per minute ...

NE 1/4 Sec 32 T. 7 N R. 26 E. 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.....

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump and Motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ... 1942 ...
8. The depth of water table ... 30 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.....
Well 45 ft deep 6 in casing to bottom
Water withdrawn through 2 2 inch pipe and cylinder
10. The estimated amount of groundwater withdrawn each year ... 300,000 gallons ...
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 count record.....
None

Signature of Owner Robert A. Jones
Date December 31, 1963

169634

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF
December A. D. 19 63
AT 11:07 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2⁰⁷

Form No. 18
8-60

T. 7 R. 26
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

Water Well Log

STATE ENGINEER

Owner Carl J. Eliason Address Roundup mont
Driller Carl J. Eliason Address Roundup mont
Date Started June 1948 Date Completed June 1948
Location: Sec. 32 T. 7 R. 26 $\frac{1}{4}$ sec. S.W. of N.W.

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

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

Casing: 300 ft. to _____ ft. Type Galvanized Size 6"

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

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

Perforated or screened: Ft. 20 to ft. 300. Ft. _____ to ft. _____

Type of screen or perforations hole

Static water level, for non-flowing well: 70 feet.

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

Pumping water level 100 feet at 25 gal. per min. 1

How tested: Backing Bucket

Length of test 30 min.

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

(over)

Log of Well

[illegible]

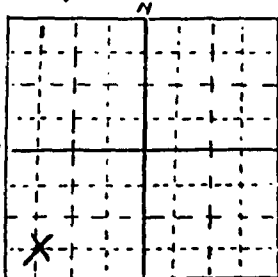
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 7 N. R. 26 E. S. 33
County Musselshell

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert A. Jones, of Roundup
(Name of Appropriator) (Address) (Town)
County of MUSSELSHELL 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.....
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1950 Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10 gpm per min.
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.....
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump and Motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
1950
8. The depth of water table
28 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.....
Well 200 Ft. deep - 6 inch casing to bottom
10. The estimated amount of groundwater withdrawn each year.....
500,000 Gallons
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 count record.....
None

Signature of Owner Robert A. Jones

Date December 31, 1963

169633

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.
FILED THIS 21 DAY OF
December A. D. 19 63
AT 11:05 O'CLOCK AM
B. E. MATZKE
COUNTY RECORDER
Francis L. Dawson
DEPUTY
2nd

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 7N R. 26

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

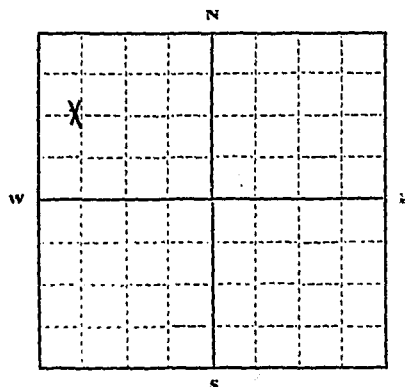
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John & Marjorie Runestad, of Goulding Creek Pk. Roundup
(Name of Appropriator) (Address) (Town)

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



N $\frac{1}{4}$ Sec. 23 T. 7 R. 26

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.....
1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5 G.P.M.
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 Applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump & Cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1920
8. The depth of water table.....
10 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.....
Hand dug well 6 ft. diameter
30 ft. depth
10. The estimated amount of groundwater withdrawn each year.....
1,000,000 gal.
11. The log of formations encountered in the drilling of each well if available.....
dirt, 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.....
None

Signature of Owner

John Runestad Jr.
Marjorie Runestad
Date December 19, 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.

12380

169332

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 23 DAY OF

Dec A. D. 1963

AT 3:30 O'CLOCK PM

B. H. MATZKE

COUNTY RECORDER

Clair J. Gossman
DEPUTY

\$2.00

*11/22/63
B. H. Matzke*

*11/22/63
Clair J. Gossman*

11/22/63

11/22/63

11/22/63

11/22/63

11/22/63

11/22/63

11/22/63

11/22/63

11/22/63

35

T. 7 R. 26
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 21 1961

WATER WELL LOG

STATE ENGINEER

Owner Gayland Van Dine Address Roundup
Driller Clyde Sands Address 1141 Miles Ave. Billings
Date Started Oct 27, 1960 Date Completed Nov 3, 1960
Location: Sec. 35 T. 7 R. 26 1/4 sec. NE 1/4

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

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

Casing: 0 ft. to 16 ft. Type black surface Size 8 inch
Casing: 0 ft. to 101 ft. Type galvanized Size 6 inch
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 10 gal. per min.

How tested: _____

Length of test _____

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

(over)

Log of Well

[illegible]

RECEIVED
OCT 5 1960

T. 7 R. 26

County Missoula

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Allen Farnes Address Roundup, Mont

Driller P. L. Ferguson Address " "

Date Started July 5, 1959 Date Completed July 16, 1959

Location: Sec. T. R. 1/4 sec.

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

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

Casing: 1 ft. to 36.5 ft. Type Galv. Size 6"

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

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

Perforated or Screened: Ft. 256 to ft. 262 Ft. 330 to ft. 338

Type of screen or perforations slat

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

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

Pumping water level _____ feet at 5 gal. per min.

How tested: bauling

Length of test 1 hr.

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

©

(over)

Log of Well

[illegible]

RECEIVED
OCT 5 1960

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 7 R. 36 NLD
County Missoula

WATER WELL LOG

Owner John Aungard Address Roundup, Mont

Driller P. L. Ferguson Address Roundup, Mont

Date Started April 1, 1958 Date Completed April 12, 1958

Location: Sec. _____ T. _____ R. _____ ¼ sec. _____

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 1 ft. to 101 ft. Type galvanized Size 6"

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

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

Perforated or Screened: Ft. 60 to ft. 85 Ft. _____ to ft. _____

Type of screen or perforations slot

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

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

Pumping water level 35 feet at 8 gal. per min.

How tested: bailing

Length of test 1 hr

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

(over)

[illegible][illegible]

GROUNDWATER INDEX

Page 1 of County Musselshell Twp. 7N Rge. 27E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Bilyeu, John	GW4	169117	
1	" "	GW4	169120	
2	" "	GW4	169119	
4	Olverson, Jesse	GW4	169427	
6	Smith, John	GW2	173927	
6	" "	GW4	169727	
6	" "	GW4	169726	
7	" "	GW4	169728	
7	" "	GW3	169723	
8	Jurley, Delia & Jurle	GW4	169617	
8	" " "	GW4	169616	
9	Jully, Robert	GW4	169446	
10	Kepm, William	GW4	169619	
10	" "	GW3	169620	
10	" "	GW3	169622	
11	" "	GW3	169621	
13	Mikkelsen, Gus	GW2	174345	
13	" "	GW4	167717	
14	Gebhardt, John	GW2	167296	
15	Jully, Robert	GW4	169447	
15	" "	GW4	169448	
16	" "	GW4	169450	
17	" "	GW4	169449	
18	Hardy, Dan M.	GW4	169367	
19	" "	57106		
19	Northern Pacific Railway Company	GW4	168915	
19	" " " "	GW4	168914	
20	Hardy, Dan M.	GW4	169366	
22	Goffin & Ranch Co	GW4	168812	
23	Brown, James	GW2	176982	
24	Anderson, Stanley	57106		
24	Brown, Jim &	GW4	169796	
25	" "	GW4	169795	
26	Seeger, A.D. & Mae	GW4	168372	
28	Jully, Robert R	GW4	169451	
30	Hardy, Dan M	GW4	169365	
31	" "	GW4	169368	
32	Seeger, A.D. & Mae	GW4	168374	
33	Northern Pacific Railway	GW3	168913	
34	Seeger, A.D. & Mae	GW4	168375	
34	" "	GW4	168376	
35	Northern Pacific Railway	GW4	168912	

File No.

DUPLICATE

T 7 N R 27

County Musselshell

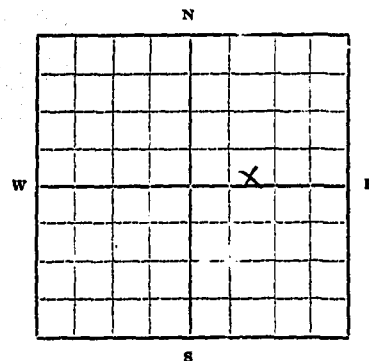
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 11 1963

STATE ENGINEER

1. John Bilyeu, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE Sec. 1 T. 7 R. 27

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Do not know
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Do not know
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 used
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Do not know
8. The depth of water table Do not know
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, 6 inch casing, and 410 ft. deep
10. The estimated amount of groundwater withdrawn each year 50000 gallon . year
11. The log of formations encountered in the drilling of each well if available Do not have it.
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

Date Dec. 10, 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 Quaduplicate for the Appropriator.

8577

169117

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY.}

FILED THIS 10 DAY OF

Dec A. D. 19 *63*
AT 3:55 O'CLOCK *P*. M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Freeman
DEPUTY

2.00

File No.

DUPLICATE

T. 7 N R. 27

County Musselshell

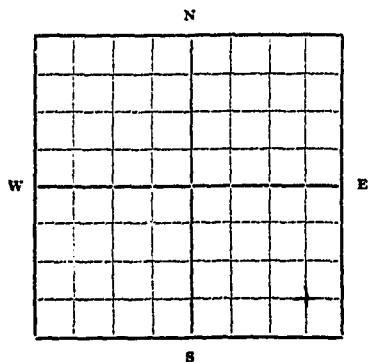
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963

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

STATE ENGINEER

1. John Bilyeu, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESE Sec. 1 T. 7 R. 27

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 0 gal. 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 no

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater do not know

8. The depth of water table 120 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 472 ft. 4 1/2 deep, and has a 6 inch casing.

10. The estimated amount of groundwater withdrawn each year 300000 gallon a year

11. The log of formations encountered in the drilling of each well if available 0 to 15 ft. Top soil, 15 to 50 ft. Hard sand rock, 50 to 75 ft. Light blue clay, 75 to 90 ft. sand and water, 90 to 150 sand rock, 150 to 200 light sand shale, 200 to 235 light blue shale, 235 to 305 light sand, 305 to 360 hard light shale, 360 to 370 soft shale, 370 to 400 hard shale, 400 to 405 dark hard shale, 405 to 408 streak of coal, 408 to 420 blue shale, 420 to 450 grey shale, 450 to 472 hard shale.

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

Date Dec. 10 - 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.

8580

169120

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 10 DAY OF
December A. D. 1963

AT 3:58 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER
Frances L. Dawson
DEPUTY

2.00

File No.....

DUPLICATE

T 7 N R 27

County Musselshell

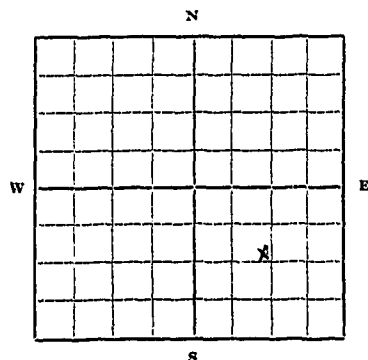
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 11 1963

STATE ENGINEER

1. John Bilyeu, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of R. Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE Sec. 2 T7 R27

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 and household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Do not know
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Do not know
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 used
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Do not know
8. The depth of water table Do not know
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, 5 inch casing, and 140 ft. deep
10. The estimated amount of groundwater withdrawn each year 400000 gallon a year.
11. The log of formations encountered in the drilling of each well if available Do not have any
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 none

Signature of Owner

Date Dec. 10, 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.

8599

169119

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 10 DAY OF
dec A. D. 19 63
AT 3:57 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Wm J. Gieson
DEPUTY
2.00

G.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 7 N R. 27 E

DUPLICATE

County

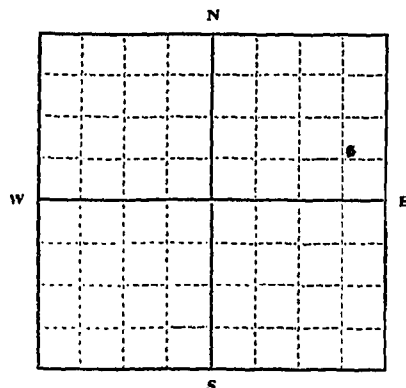
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jessie S. Iverson, of 908 4th St. West Roundup, Montana
(Name of Appropriator) (Address) (Town)
County of Russell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



LOT 9 Sec. 4 T. 7 R. 27

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.....
water for stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....dug well near by in use before 1914 and used continually since Present well drilled in August 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....1 gallon per minute for 24 hours
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.....
plunger pump hand or electric driven Located in barn yard Sec 4, Township 7 Range 27, Lot 9.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....Well commenced and completed in August 1940
8. The depth of water table.....About 40 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.....About 50 feet of 6 inch steel pipe casing perforated at bottom. About 10 feet of standing water
10. The estimated amount of groundwater withdrawn each year.....Approximately 5,000 barrels
11. The log of formations encountered in the drilling of each well if available.....Top soil and gravel
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.....None

Signature of Owner Jessie S. IversonDate 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, 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.

15324

169427

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
December A. D. 19 63
AT 3:00 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.

File No.

MAY 13 1965

Sec 6 T. 7 N. R. 27 E

DUPLICATE

LOG

 Billie _____ McDermott _____
 Butcher _____ McNulty _____
 Cove _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____
County Musselshell

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 surface
 10 sand stone
 20 light blue shale
 27 brown shale
 30 sandy shale
 125 various colored shale
 145 hard sand stone
 151 sand - H₂O - 29 gal.
 160 light colored shale 7'4
 169 sand - Porous H₂O 14 gal.
 175 blue shale
 179 Show exact depth of bottom.

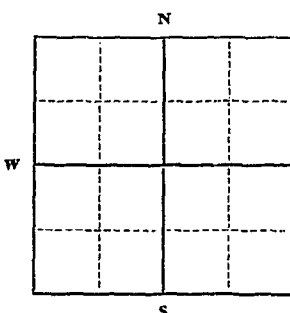
Owner James T. Smith Address Roundup, MontDriller P. L. Ferguson Address Roundup, Mont

Date of Notice of appropriation of groundwater.....

Date well started 5-3-66 Date completed 5-10-66Type of well drilled Equipment used churn drill
(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)
				holes + seats	140	175
				3/4 in		

Static Water Level for non-flowing well 89 feet.Shut-in Pressure for Flowing Well indicatedPumping Water Level 130 feetat 14 gal. per minute.Discharge in gal. per min. of flowing well does not applyHow Tested drillingLength of Test 1 hr

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

1/4 Sec. 6 T. 7 R. 27
 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).

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.

Driller's License Number 34Driller's Signature P. L. Ferguson

41042

173927

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY.

FILED THIS 12 DAY OF
May A.D. 1965
AT 11:30 O'CLOCK A.M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Clair J. Emerson
DEPUTY

B. →

RECORDED
INDEXED
MAY 13 1965
MUSSELSHELL COUNTY
CLERK OF DISTRICT COURT

MAY 13 1965

GW 4

RECEIVED

JUN 23 1964

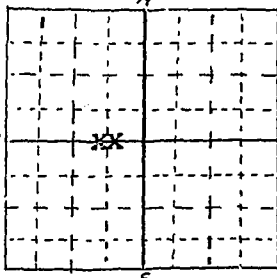
T...7N...R...27E.....
County Musselshell.....

STATE ENGINEER
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN L. SMITH of ROUNDUP
(Name of Appropriator) (Address) (Town)
County of 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.....
.... Stock water
3. Date or approximate date of earliest beneficial use; and how
continuous the use has been 1948
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 15 gal 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.....
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
.... Drilled well - not yet in use (drilled 1962)
7. The date of commencement and completion of the construction of the well, wells, or other
works for withdrawal of ground water 1962 completed
8. The depth of water table 24 ft 15 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.....
..... drilled well, 6 inch casing, 54 feet deep
10. The estimated amount of groundwater withdrawn each year do not know (none yet)
11. The log of formations encountered in the drilling of each well if available.....
.... 10 ft top soil; 15 ft blue shale; 10 ft solid sand rock; 10 ft gravel;
.... balance blue shale
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 count record.....

Signature of Owner

Date

12/31/63

20571

169727

STATE OF MONTANA, (ss.
MUSSELSHELL COUNTY.)

FILED THIS 31 DAY OF

December A. D. 19 63

AT 3:30 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Lawson
2-10 DEPUTY