

## GROUNDWATER INDEX

MISSOULA COUNTY

TWP. 13N

RGE. 19W

<u>SEC.</u>	<u>NAME OF APPROPRIATOR</u>	<u>FORM</u>	<u>CO. FILE #</u>
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20	FITCH, JAMES L. & LOIS D.	GW4	215181
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20	GETZ, JOHN G.	GW4	1128
20	HAIT, ELEANOR J.	GW4	1307
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20	HANSEN, HARRY	GW4	1189
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20	HAWKER, CLARENCE W.	GW4	1315
20	HAWLEY, RAY A.	GW4	1176
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20	HENDRICKSON, STANLEY	GW2	258048
20	HEYER, WARREN K. & ESTHER	GW4	215246
20	HIEDRICK, AURTHUR L.	GW2	327326
20	HUGHES, JULIAN E. & VIOLA F.	GW4	1274
20	HUNTON, E. C. JR	GW2	261095
20	INTERMOUNTAIN LUMBER CO	GW4	215485
20	IVERSON, KENNETH	GW4	1131
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20	KARLBERG, JOHN	GW4	214993
20	KLINE, EDA W.	GW2	314238
20	KONKELL, JULIUS R. & SOPHIE V.	GW4	215494
20	KONKELL, WALTER F.	GW4	215516
20	LAFRAY, CURTIS P.	GW4	215215
20	LAFRAY, CURTIS P.	GW4	318528
20	LEFLAR, WILLIAM L. & JOAN F.	GW4	215489

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20	LUNDRIGAN, MERLE E.	GW4	1167
20	MONCURE, W PEYTON	GW4	214345
20	PARKER, WILLIS P. & JULIA E.	GW4	214998
20	PEPPARD, CHARLES R.	GW2	265556
20	MART, ROY M.	GW4	192713
20	MART, ROY M.	GW1	246759
20	MIELKE, WILLIAM C.	GW2	215560
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20	PULLEY, HOWARD N.	GW4	1305
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20	RANSTROM, P. A.	GW4	1226
20	RANSTROM, P. A.	GW4	1301
20	RANSTROM, P. A.	GW4	1243
20	RIDNOUR, M. G.	GW4	1280
20	SHIVELY, JOHN & ULA	GW4	1252
20	SIEGFORD, BEN E. & DIANE R.	GW4	253927
20	STAHL, JOHN A.	GW2	215359
20	STEPHENSON, JOHN C. & HARRIET	GW4	1118
20	STICKNEY, FRED J.	GW4	214507
20	STICKNEY, WARREN J.	GW4	214979
20	STICKT, GLENN & DELLA	GW1	205546
20	THOMPSON, RUSSELL E.	GW4	215449
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20	VAN GILDEN, LEWIS A.	GW4	215182
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20	ZECKMAN, JACK R.	GW4	215219
21	AMERICAN DENTAL PLATING, INC	GW2	334055
21	ANDERSON, LEEROY R.	GW4	249636
21	BECKWITH, JUNE C.	GW4	215133
21	BEHNER, MARTIN	GW2	215393
21	BEHNER, MARY LOU	GW4	215391
21	BEHNER, M. S.	GW2	215392
21	BULEN, LEON L. & RUTH B.	GW4	188715
21	BOWERS, GEORGE J. & EDRIE V.	GW4	215429
21	BRANDT, C. W. & DELORIS A.	GW4	215165
21	CLOUSE, FERRIS E. & ANNA MARIE	GW4	215198
21	COMSTOCK, ROBERT & ELIZABETH	GW4	215350
21	DAWSON, ORA M.	GW1	214455
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21	MEDO-LAND DAIRIES	GW4	214842
21	MISSOULA FURNITURE MART	GW2	275805
21	MISSOULA FURNITURE MART	GW2	275804
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21	THRASHER, BERT E. & BESSIE A.	GW4	215035
21	THRASHER, BERT L.	GW4	214759
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21	VEITENHEIMER, LEO	GW4	215896
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21	WESTERN MONTANA CLINIC	GW2	222689
21	WESTERN MONTANA CLINIC	GW1	218519
21	WESTERN MONTANA CLINIC	GW4	268267
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24	HEDGERS, GEORGE W.	GW2	199464
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24	HUGHES BROS	GW4	214900
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24	WIEDMER, HENRY W	GW4	1313
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25	BURRELL, PAUL 7 DOROTHY	GW4	214508
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25	GORDON CONSTRUCTION	GW2	279969
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25	MOOD, SELMA	GW2	221338
25	NEUHAUSEN, MARTIN	GW2	311832
25	OKKEN, ORIAL	GW4	215490
25	SIMMONS, EDMUND L	GW2	281133
25	STUCKY, PETE & BETTY LOU	GW2	251157
26	DANIEL, JAMES	GW2	245633
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26	JOHNSON, RICHARD H	GW4	1251
26	LA FRANCE, GEORGE E	GW4	1114
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27	MONTANA POWER CO	GW4	192068
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27	MONTANA POWER CO	GW1	282757
27	MONTANA POWER CO	GW2	282758
28	COFFMAN, ROBERT R	GW4	214534
28	MONTAN POWER CO	GW4	192060
28	NGRDWICK, BOB	GW2	320540
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28	SILVER, F M & HELEN	GW4	214520
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29	DAVIS, JOHN R	GW4	215148
29	GLAD TIDING ASSEMBLY	GW2	280764
29	HAYES, EARL & VERNIE	GW4	215003
29	LEVAGOOD, GEORGE E	GW4	214152
29	MILLER, JOHN M	GW4	1233
29	MONTANA POWER CO	GW4	192064
29	MONTANA POWER CO	GW4	192059
29	O'BRIEN, FRED L & FRANCES	LOG	173975
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29	PRINGLE, ANDREW A	GW4	215445
29	SCHOOL DIST NO 1	GW2	330596
29	TABORSKY, ESTHER & EDW	GW1	215149
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30	BAKKE, PHILLIP A	GW4	212062
30	BEARLMORE, H E	GW4	215413
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30	BORGFELD, CHESTER	GW2	237310
30	BRADLEY, JOHN A	GW4	215080
30	BUSCH, NORMA M	GW4	215227
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30	DEWELL, THELMA A & J H	GW2	259181
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30	ELLEN, JAMES D	GW4	215554
30	ELLEN, JAMES D & BETTY A	GW4	300240
30	FLECHING, DARYL	GW2	1148
30	OFFICE OF THE STATE FORESTER	GW2	301641
30	FOREST & CONSERVATION U OF M	GW4	190474
30	FOREST & CONSERVATION U OF M	GW4	190472
30	FOSTER, J HOWARD & BERTHA T	GW4	214872
30	FRANK, ELMA	GW4	219837
30	FRISTE, ROBERT M	GW2	34085
30	GASVODA, JOHN & EMMA	GW4	1165
30	GASVODA, JOSEPH W	GW1	1177
30	GASVODA, JOSEPH W	GW1	1164
30	GIBBS, TOM	GW2	215370
30	GILFILLAN, RICHARD R.	GW4	1105
30	GOLDEN, JOE E	GW4	284
30	GRIFFES, ROBERT B & PATRICA L	GW2	275191
30	GUSTAFSON, GLADYS L	GW4	214880
30	HALL, CHARLES	GW4	214537
30	HAMILTON, LEONARD A & BONNIE	GW2	1134
30	HANSEN, AXEL & ETHEL	GW4	1320
30	HANSEN, MILTON L.	GW4	215529
30	HANSON, WILLIAM B.	GW2	327116
30	HAUCK, W. A.	GW2	214833
30	HAUCK, WALTER	GW2	223346
30	HAUCK, WALTER	GW2	217006
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30	HIRNING, ELDON	GW2	1045
30	HIRNING, ELDON	GW2	215561
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30	HUNT, HAROLD H.	GW3	215146
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30	JOHNSON, RICHARD H.	GW2	292076
30	JOYCE, FRANK P.	GW4	215989
30	KNUCKEL, NELIA	GW4	215495
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30	LEISTER, GEORGIA A.	GW2	308483
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30	LONG, JAMES T.	GW4	215475
30	MAGONE, DAN	GW2	368928
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30	MEADE, CHARLES	GW2	199711
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30	MURPHY, DANIEL	GW2	279473
30	NEILSON, RAY V. & ELSIE B.	GW4	1245
30	OLSON, A. N. & LAURA	GW4	1304
30	OSBORNE, EVELYN I.	GW1	214442
30	PARKER, MILBURN H.	GW4	221153
30	PARRY, DAVID R.	GW4	1108



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30	PRICE, L. M. & HELEN M.	GW4	215422
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30	ROBERTS, GLEN H. & MARY M.	GW4	1169
30	SCHOOL DISTRICT NO. 1	GW2	330595
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30	SIPES, CLARENCE R.	GW4	211055
30	SMALLEY, TED & WANDA	GW4	215409
30	SMITH, HARRY R. & MARGARET E.	GW4	1278
30	SPIROCOS, JOHN H. SR	GW4	215188
30	SPRINGER, VURL L.	GW4	215174
30	STAHL, JOHN	LOG	155270
30	STEINERT, GARY	GW2	255150
30	STEWART, HELEN V.	GW4	215432
30	STOCKE, WILLIAM	GW4	1292
30	TRICKEL, JOHN W. & EVA E.	GW2	258278
30	TRINITY BAPTIST CHURCH OF MSLA	GW2	275894
30	TURNBULL, ED & FLORENCE	GW4	215380
30	WALKER, HENRY	LOG	11
30	WEDEL, DEWAYNE L. & JEAN	GW4	215386
30	WHITE, LEONARD A. & AGNES M.	GW4	216724
30	WOHL, GLEN	GW2	307232
30	ZIEG, MYDAS C.	GW4	215446
31	ALSBURY, DON L. & SHIRLEY E.	GW2	301434
31	LOUQUET, J. GARY LEASING	GW2	319458
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32	AMERICAN DENTAL MANUFACTURING CO	GW2	324054
32	ANIMAL CLINIC	GW4	1055
32	BLACKLER, DALE	GW2	304346
32	CAHILL, DONN B.	GW4	215314
32	DEMOTT, ROY & VIOLA	GW4	213404
32	ELK HORN LUMBER CO INC	GW4	215244
32	ELLINGHOUSE, WILLIAM F. & BERNICE	GW4	207467
32	GOLES, WILLIAM	GW2	226320
32	HANSON, JULIA O.	GW4	215028
32	HUTCHINS, ERMA E.	GW4	1297
32	HUTCHINS, ERMA E.	GW4	1296
32	INDUSTRIAL REPAIR SHOP	LOG	214215
32	KARR, RICHARD T. & LAUREL A.	GW2	296457
32	LAFRINIERE, FRANCIS E. & LEA E.	GW4	215334
32	MACLAY, HARRY G.	GW2	201260
32	MACLAY, MARGIE A.	GW2	251872
32	MONTANA POWER CO	GW4	192066
32	MONTANA POWER CO	GW4	192067
32	MONTANA POWER CO	LOG	32
32	MONTANA POWER CO	GW2	322617
32	MONTANA POWER CO	GW1	322616
32	M & S READY MIX	GW1	214214
32	OCHSNER, VERNOLD	GW2	267949
32	OCHNER, VERN	LOG	181003
32	SALTY, KATHERINE	GW4	214898
32	STEPHENSON, MARY JEAN	GW2	321501
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33	GREENE, ROBERT W.	GW3	317971
33	MISSOULA, CITY OF	GW2	201980
33	MISSOULA COUNTY HIGH SCHOOL	GW4	216139
33	MONTANA POWER CO	GW4	192069
33	MONTANA POWER CO	GW4	296999
33	MONTANA POWER CO	GW2	296998
33	MONTANA POWER CO	LOG	146875
34	JOHNSON, WATTER M.	GW4	214059
34	UNIVERSITY OF MONTANA	GW4	191265
35	COX, WALTER B. & EVELYN S.	GW4	208803
35	COX, WALTER B. & EVELYN S.	GW4	208805
35	FOULGER, HOWARD R.	GW2	251420
35	HUNT, WALTER W. & ARIENE E.	GW4	214742
	SPARKS, ROBERT	GW2	245892

File No. \_\_\_\_\_

T. 13<sup>th</sup> R. 19<sup>th</sup>

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

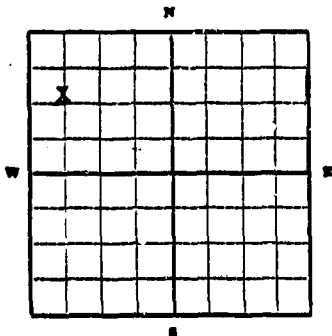
R  
JAN 2 1964

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

1. Forrest L. Brinsay, of Route 24, Missoula,  
(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:



NW 1/4 Sec. 1 T.13N R.19W

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 water use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
November 1955.  
since continuous to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
15 gal/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  
Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Deep well electric pump in offset of house foundation.

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

8. The depth of water table  
42 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" casing to well depth of 70 feet.

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  
On record with Glenn Camp, Well Driller, Missoula, Mont.

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  
of previously records.

Signature of Owner *Forrest L. Brinsay*  
Date 1-31-63

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.

942 215415  
0

I received and filed this instrument for  
record on the 31 day of Dec 1923  
at 11:00 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand  
M. W. S. BERTER County Recorder  
By: *Mata* Deputy  
Fee \$..... Paid

RECORDED BY MISSOURI COUNTY RECORDER  
MISSOURI COUNTY, MONTANA  
INDEXED BY MISSOURI COUNTY RECORDER  
MISSOURI COUNTY, MONTANA  
MISSOURI COUNTY RECORDER  
MISSOURI COUNTY, MONTANA

File No. \_\_\_\_\_

T. 13<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

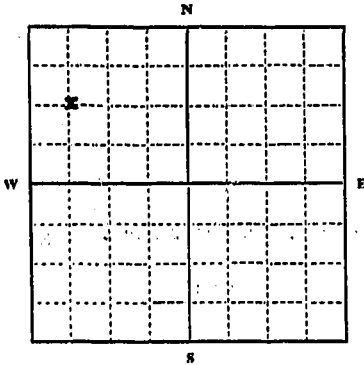
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Guy B. and Theodora E. Delp, of Rt. 4, Rattlesnake Missoula  
(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:



2. The beneficial use on which the claim is based.....  
Household domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
February, 1956, continuous since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
10 gal./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 used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Deep well jet type pump, located adjacent to dwelling

NW 1/4 Sec. 1 T. 13N. R. 19W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
Drilling commenced approximately January 5th and completed about ten days later.

8. The depth of water table.....  
22'

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.....  
Six inch casing drilled to a depth of 80 feet.

10. The estimated amount of groundwater withdrawn each year.....  
547,500 gal./year

11. The log of formations encountered in the drilling of each well if available.....  
Information 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.....  
Well drilled in January, 1956 by Liberty Drilling Co., of Missoula, Montana

NOTARY PUBLIC for the State of Montana  
Residing at Missoula, Montana  
My Commission Expires October 20, 1964

Charles B. Gannon

Signature of Owner.....  
Guy B. Delp Theodora E. Delp

Date.....  
December 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.

646

215020

I received and filed this instrument for  
 record on the 27 day of Feb 1963  
 at 12 o'clock P. M., permanent files  
 of Missoula County, State of Montana.  
 Witness my hand  
 MAHON REHNER County Recorder  
 By Maureen S. Palmer Deputy  
 Fee \$ 2.00 00 Paid

RECORDED

INDEXED

MISSOULA COUNTY RECORDS

File No. ....

DUPLICATE

T. 13<sup>N</sup> R. 19<sup>W</sup>

County Missoula

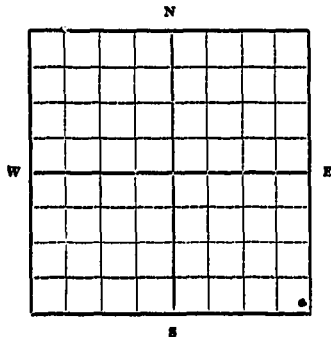
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

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

STATE ENGINEER

1. L. D. Wagner of 403 N Curtis Missoula  
(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:



within or upon  
1/4 Sec. 1 T. R.

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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 1946  
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 250

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 Doesn't apply

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater February 1946

8. The depth of water table 5.0 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 1 drilled 4 in. well 5.0 ft deep

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

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 none

Signature of Owner L. D. Wagner

Date Dec 23, 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.



527

214728

I received and filed this instrument for  
 record on the 23 day of Dec, 1963  
 at 9 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Ethel Lane Deputy  
 Fee \$ 2.00 Paid

RECORDED

INDEXED

MISSOULA COUNTY RECORDER

AZATKOA 30 STATE  
 REGISTERED TO BE RECORDED  
 MISSOULA COUNTY RECORDER

File No. \_\_\_\_\_

T. 13 N. R. 19 W.

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

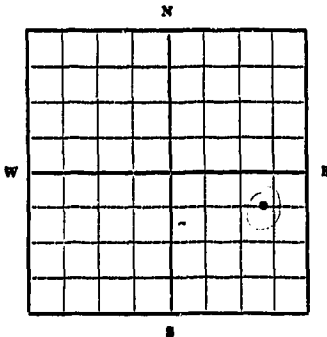
RECEIVED  
DEC 13 1963

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

STATE ENGINEER

1. William R. & Lee M. Ballard of Route 4 Missoula  
(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:



NE 1/4 SE 1/4 Sec. 2 T. 13 N. R. 19 W.

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 use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring 1956 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gal/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 1/2 acre, lawn & vegetable gardens, William R. Ballard and Lee M. Ballard

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well drilled and pump installed in Spring 1956.

8. The depth of water table 110 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 inch well, 120 feet deep. Jet pump draws about 600 gal./hour from depth of 80 feet.

10. The estimated amount of groundwater withdrawn each year 5,000,000 gal.

11. The log of formations encountered in the drilling of each well if available 0'-39' Boulders & Clay; 39' - 85' Rock; 85' - 110' Broken Rock; 110' - 120' Rock.

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/A

William R. Ballard & Lee M. Ballard  
Signature of Owner  
William R. Ballard & Lee M. Ballard  
Date Dec 11, 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.

Q94

214 150

*Copy*

I received and filed this instrument for record on the 11 day of Jan, 1917 at 11:35 o'clock A.M., permanent files of Missoula County, State of Montana.

Witness my hand:  
**MARTIN S. BEHNER**, County Recorder.  
*Martin S. Behner*  
 By Walter J. C. [unclear], Deputy  
 Fee \$ 1.25 Paid

C

Recd. by [unclear] at [unclear] on [unclear]  
 at [unclear] o'clock [unclear] M., [unclear]  
 of [unclear] County, State of [unclear]  
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]  
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]  
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]  
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

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 David E. Bilderback

Address Lot 2 Blk 1, Chapwyk

Add. 7, Missoula, Montana

Date well started 6-11-73

completed 6-11-73

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air rotary

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

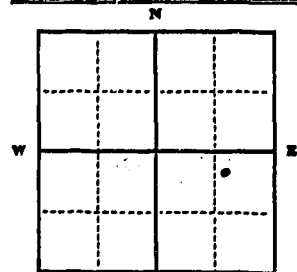
Industrial  Drainage  Other \* Garden/Lawn

\*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 unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8 17 lb. per ft.	2	32	none		



Static water level 29 ft.\*  
Pumping water level 25 ft.\*  
at 30 gallons per minute,  
measured .....minutes after pumping began.

\*Measured from ground level.  
Well developed by AIR COMPRESSOR  
for 1 1/2 hours.

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

NE 1/4 SE 1/4 Sec. 2  
T. 13 N. R. 19 E.  
S. W.

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

Driller's Signature Bob Jerome

Driller's Address 3226 Mount Ave., Missoula, Montana

LICENSE NO. 249

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) 3500

From (Feet)	To (Feet)	
0	10	Boulders & gravel
10	20	Cobblestones & gravel
20	32	Gravel with water

32' Show exact depth of bottom

2515

333846

I received and filed this instrument for  
rd on the 25<sup>th</sup> day of June 1973  
at 7:46 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By M. M. Conroy Deputy  
Fee \$ 2.00 Paid at

File No. \_\_\_\_\_  
DUPLICATE

T13N R 19W 2  
County Missoula

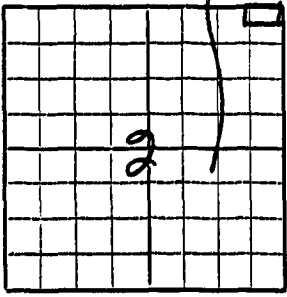
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

SW

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

1. Walter B. Cox, Evelyn S. Cox, or Maurice Missoula  
(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: Irrig. ditch Lot 11 "Sunny Acres"



Part of NE 1/4 Sec 2 T13N R19W

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 Irrigation or Lot 11 "Sunny Acres"

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Based on Appropriation by James M. Woods dated April 3 1885

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 shares of water on that portion of 10 shares that bear to the flow of the ditch

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 Lot 11 Sunny Acres, owned by Walter B. Cox + Evelyn S. Cox

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable, irrigation ditch

8. The depth of water table Not applicable

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 this is an irrigation ditch present many years and deed to Lot 11 shows 10 shares as above stated in #4

10. The estimated amount of groundwater withdrawn each year Not appl.

11. The log of formations encountered in the drilling of each well if available Not appl. The above "10 Shares etc." spelled out in our deed at purchase of Lot 11 Sunny Acres deed dated July 24 1956

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 records Original notice of water right April 3 1885 filed April 3 1885 2:15 P.M. Vol C "Water Rights page 104

Signature of Owner Walter B Cox  
Evelyn S. Cox Date July 9, 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

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

Supp  
H2O

Montana Bureau

5176

#226 Copy 208802

I received and filed this instrument for  
record on the 29<sup>th</sup> day of July 1963  
at 9:20 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Dyanne Harman Deputy  
Fee \$ 0.00 Paid

File No. \_\_\_\_\_  
DUPLICATE

T. 13N R. 19W  
County Missoula

S.W. 3

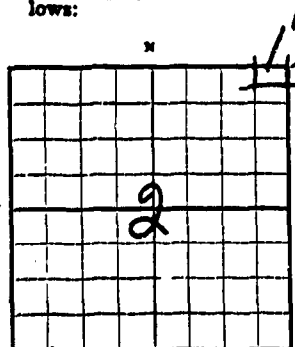
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 26 1963

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

1. Walter B. Cox, Evelyn S. Cox, 2800 Maurice, Missoula  
(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:



2. The beneficial use on which the claim is based Irriga-  
tion and Stock Water

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Based on Appropriation  
by James M. Woods dated Apr 3 1885

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 50 inches, this is 1/2 of  
the original appropriation of 100 in.

Part B  
NE 1/4 Sec 2 T13N R19W  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

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 Owner: Walter B. Cox, Evelyn  
S. Cox used on 1/2 of  
Sunny Acres (see diagram)

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal This  
water runs out of Woods Gulch and  
1/2 of it ditched south onto hill S. Acres  
or

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Not applicable

8. The depth of water table Not applicable

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 Not a well, this is  
a stream running out of Woods Gulch as  
shown above sketch

10. The estimated amount of groundwater withdrawn each year Not appl.

11. The log of formations encountered in the drilling of each well if available Not appl.

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 Original Notice of Water Rights  
April 3, 1886 Filed April 3, 1885 2:30 PM

Vol "E" Water Rights Page 104 Walter B Cox  
Signature of Owner Evelyn S Cox

Date March 4 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: Signature able, so state, otherwise the form will be returned.  
Original of Mine r; duplicate to the State Engineer; Triplicate to the Montana Bureau  
for the Appropriator.



#225

copy

208801

I received and filed this instrument for record on the 24 day of July, 1963 at 11:00 o'clock A.M. in the Instrument files of Missoula County, State of Montana

Witness my hand:  
**MARTIN S. BEHNER, County Recorder**

By Debra Keppe Deputy  
 Fee \$          Paid

RECORDED  
 MISSOULA STATE RECORDS

*[Faint, mostly illegible text and markings, possibly including a signature or official stamp area.]*

File No. ....

T. 13 N. R. 19 W.

DUPLICATE

County MISSOULA

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963

### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level.....)

0 to 1' Top soil

Owner A. Don Evans Address Rt 4, Rattlesnake

1' to 13' Clay, gravel  
& boulders

Driller Glenn Camp 705 Alder Address Missoula, Mont

13' to 14' Boulder

Date of Notice of Appropriation of Groundwater.....

14' to 25' Clay, gravel  
& boulder

Date well started 10/21/63 Date Completed 10/29/63

25' to 31' Clay & gravel

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

31' to 32' Boulder

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

32' to 35' Clay & gravel

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 water rises in the well.

35' to 36' Boulder

36' to 45' Clay, gravel  
& boulder

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97 lbs to ft.	1'-7" above G.L. to 57'-7"		none		

45' to 50' Clay, gravel,  
some water

50' to 56' Gravel & water

56' to 58' Clay, gravel  
& boulder

Static Water Level for non-flowing Well 39' from G.L. feet.

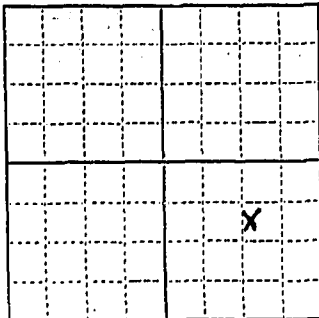
Shut-in Pressure for Flowing Well.....

Pumping Water Level 43 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Pump Length of Test 1 hour

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).....  
none



SW 1/4 NE 1/4 SE 1/4  
Sec. 2, T. 13 N. R. 19 W.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

(lots 16 & 1, BIK 2, Klapwyk Addn # 2)  
Show exact depth of bottom. Sec. 2, T. 13 N. R. 19 W.

License # 7

Driller's License Number

Driller's Signature

*Glenn Camp*  
*A. Don Evans*

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; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

473

214592

*Copy*

I received and filed this instrument for  
 record on the 20 day of Dec 1963  
 at 11:12 o'clock A.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Patel Sane Deputy  
 Fee \$ 2.00 Paid

This document is not subject to state or federal copyright laws. It is the property of the State of Montana and is loaned to you for your use only. It is to be returned to the State of Montana upon request.

(Copy of this instrument is on file in the County Recorder's Office, Missoula, Montana)

File No. \_\_\_\_\_

T. 13<sup>W</sup> R. 19<sup>W</sup> S. 2

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

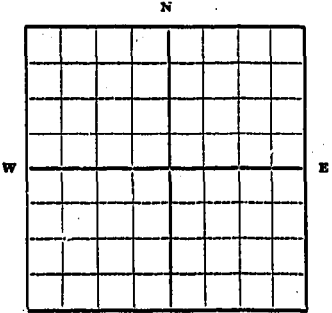
RECEIVED  
OCT 23 1963

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

1. B. S. Everingham of Rt # 4 Rattlesnake Missoula  
(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:



Lot Six (6) Sunny Acres

1/4 Sec. 2 T. 13N R. 19W

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, irrigating and household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1952 continuous to the present date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5000 gallons per hour drilled well - all water therefrom and one-half inch, Miner's Measure, of the waters of the Rattlesnake Valley Irrigation

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 one and one half acres receive this water for irrigation. Owner: B. S. Everingham

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal withdrawn from well by pump and taken from irrigation ditch by pump and gravity

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June, 1952

8. The depth of water table about 22 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" casing - drilled well - 55 ft deep

10. The estimated amount of groundwater withdrawn each year unknown

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

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 This water lies on Lot Six (6) of Sunny Acres, according to the map or plat thereof on file and of record in the office of the County Clerk and Recorder of Missoula County, Montana together with one-half inch, Miner's Measure, of the waters of the Rattlesnake Valley Irrigation Company.

Signature of Owner B. S. Everingham

Date October 17, 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.

#292

copy

212064

I received and filed this instrument for  
 record on the 18 day of Oct, 1963  
 at 8:20 clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By D. Jane Alexander Deputy  
 Fee \$ 6.00 Paid

MISSOULA COUNTY RECORDER'S OFFICE  
 MISSOULA, MONTANA  
 COUNTY CLERK'S OFFICE  
 MISSOULA, MONTANA  
 STATE CLERK'S OFFICE  
 MISSOULA, MONTANA

File No. \_\_\_\_\_

T. 13<sup>N</sup> R. 19<sup>W</sup> Z

DUPLICATE

County Missoula  
**RECEIVED**  
STATE ENGINEER  
DEC 7 1964

LOG

Top of Ground

(Elev. above sea level \_\_\_\_\_)



4' clay  
44' clay and boulders  
19' water, sand, small gravel & boulders

### Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clay Swanson Address Missoula

Driller Kane Water "all Drilling" Address St. Regis

Date of Notice of appropriation of groundwater 9/21/64

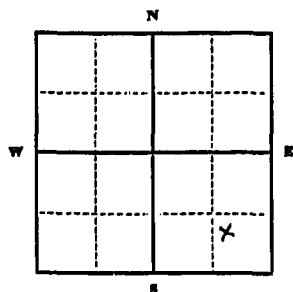
Date well started 10/1/64 Date completed 10/10/64

Type of well drilled Equipment used churn  
(Dug, Driven, \_\_\_\_\_ 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)
6" id	19.24	0	67	does not apply		



Static Water Level for non-flowing well 48 feet.

Shut-in Pressure for Flowing Well x

Pumping Water Level 56 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well x

How Tested bailed & pumped

Length of Test til clear

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

SE 1/4 Sec. 2 T. 13 R. 19  
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).

67 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.

29 Driller's License Number

E. H. Swanson  
Driller's Signature

38757

# 1463

229746

I received and filed this instrument for  
 record on the 1 day of Dec, 19 64  
 at 10:45 o'clock A.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand.  
 Vasance R. Cicuse, County Recorder  
 By J. Ann D. ... Deputy  
 Feb 2 Paid Cash


MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA

File No. \_\_\_\_\_

T. 13N R. 19W

TRIPPLICATE

County Missoula

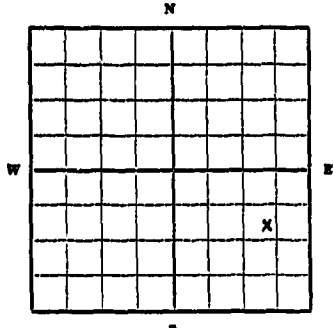
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 9 1963

STATE ENGINEER

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

1. Loyle R. Grimes & Carl L. Grimes as joint tenants with rights of survivorship and not as  
(Name of Appropriator) of Route #1 Missoula  
(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:



SW 1/4 Sec. 2 T. 13N R. 19W

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 supply for residential use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 30, 1961  
Continuous residential use since then.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 21 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 1/2 acre, lot 10, block 1, Klapwyk #2  
yard and lawn watering.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump draws water - well is on north west corner of lot 10, block 1, Klapwyk addition #1.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced drilling 6-14-61  
completed drilling 6-21-61
- 8. The depth of water table 27' from ground to water in well.
- 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 with a churn drill, cased with 6" 1.0. seamless steel pipe at 17.08 pounds per foot, well is 52' deep.
- 10. The estimated amount of groundwater withdrawn each year 500,000 gal per year.
- 11. The log of formations encountered in the drilling of each well if available 0-26' clay, gravel and boulders; 26' to 31' small gravel & sand; 31' to 34' clay, gravel and boulders; 34-38' chunk of solid rock; 38-43' clay and gravel; 43-52' gravel, boulders and water.
- 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 Loyle R. Grimes  
Carl L. Grimes  
Date 9-30-63

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.

6187



30-

2138 28

I received and filed this instrument for  
record on the 6<sup>th</sup> day of Dec 1963  
at 11:23 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. REHNER County Recorder  
By *[Signature]* Deputy  
Fee \$ 2.00 Paid

File No. \_\_\_\_\_

TRIPPLICATE

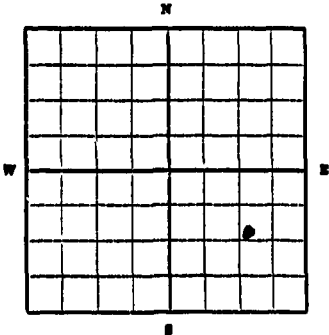
T. 13<sup>N</sup> R. 19<sup>W</sup> 2  
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963  
STATE ENGINEER

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

1. Paul E. Gould of Rt 4, Missoula, 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:



NE 1/4 Sec. 2, T. 13, R. 19

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 3/4 Acre
- 3. Date or approximate date of earliest beneficial use; and how contiguous the use has been January 1956  
All the time
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Household and 3/4 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 3/4 Acre put in garden and pasture
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1956
- 8. The depth of water table 25 to 30'
- 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 Household For Irrigating 3/4 Acre
- 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

**Glenn Camp Well Drilling**  
705 Alder Drillers License # 7  
Missoula, Mont

Signature of Owner Paul E. Gould  
Date December 17, 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.

422 214403

*copy*

I received and filed this instrument for  
record on the 17 day of Dec 1965  
at 1:20 o'clock PM, permanent files  
of Missoula County, State of Montana  
Witness my hand  
MARTIN S. BEHNER, County Recorder  
By Ethel Lane Deputy  
Fee \$ 2.00 Paid

C



2425

328447

I received and filed this instrument for  
 record on the 27 day of Feb 19 73  
 at 11:15 o'clock A.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Dorothy L. Head, County Recorder  
 By Marian Deane, Deputy  
 Fee \$ 2.50 Paid Cash

DATE	TIME	FILE NO.	RECORDS	INDEX	TOTAL
1973	FEB	328447	1	1	2
1973	FEB	328448	1	1	2
1973	FEB	328449	1	1	2
1973	FEB	328450	1	1	2
1973	FEB	328451	1	1	2
1973	FEB	328452	1	1	2
1973	FEB	328453	1	1	2
1973	FEB	328454	1	1	2
1973	FEB	328455	1	1	2
1973	FEB	328456	1	1	2
1973	FEB	328457	1	1	2
1973	FEB	328458	1	1	2
1973	FEB	328459	1	1	2
1973	FEB	328460	1	1	2
1973	FEB	328461	1	1	2
1973	FEB	328462	1	1	2
1973	FEB	328463	1	1	2
1973	FEB	328464	1	1	2
1973	FEB	328465	1	1	2
1973	FEB	328466	1	1	2
1973	FEB	328467	1	1	2
1973	FEB	328468	1	1	2
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1973	FEB	328562	1	1	2
1973	FEB	328563	1	1	2
1973	FEB	328564	1	1	2
1973	FEB	328565	1	1	2
1973	FEB	328566	1	1	2
1973	FEB	328567	1	1	2
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1973	FEB	328598	1	1	2
1973	FEB	328599	1	1	2
1973	FEB	328600	1	1	2

File No. \_\_\_\_\_

T. 13 N. R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

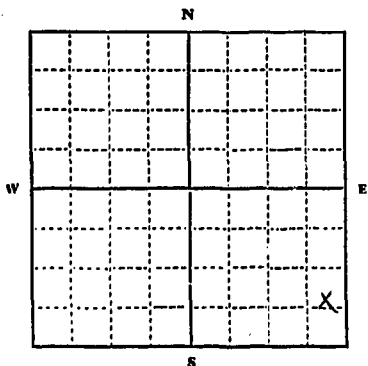
RECEIVED  
JAN 13 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

1. Lawrence V. Janes, of 1605 Aspen Drive, Missoula  
(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:



SE SE  
E/4 Sec. 2 T. 13 N. R. 19 W.

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 Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1, 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Don't 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  
Used to water lawn + small garden  
1/2 Acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Submersible pump - in basement

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 29, 1961 - May 5, 1961
8. The depth of water table Don't 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  
6" casing, 47' 3" deep
10. The estimated amount of groundwater withdrawn each year About 250,000 gal.
11. The log of formations encountered in the drilling of each well if available  
0-7' (Pit); 7'-19' Boulder + gravel - a little water; 19'-32' Boulders, clay + gravel; 32'-39' clay + gravel; 39'-43' Gravel Boulder + water; 43'-46' Tight clay + gravel; 46'-53' base course gravel, sand + large gravel - water; 53'-56' clay + gravel; 56' Boulders
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 Lawrence V. Janes

Date January 8, 1964

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.

1354

216 206

*copy*

I received and filed this instrument for record on the... day of... at... o'clock... M. permanent files of Missoula County, State of Montana

Witness my hand:  
**MARTIN S. BEHNER, County Recorder**

By... Deputy  
 Fee \$... Paid

MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA

RECORDED  
 1911 JAN 20

216 206

MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA

MISSOULA COUNTY RECORDER

MISSOULA COUNTY RECORDER

MISSOULA COUNTY RECORDER

MISSOULA COUNTY RECORDER

MISSOULA COUNTY RECORDER

RECEIVED

MAR 30 1972

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF  
RESOURCES AND CONSERVATION

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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 Dr. R. J. Johnston

Address 1227 Old Orchard Rd.

Missoula, Montana 59801

Date well started March 6, 1972

completed March 9, 1972

For Administrator's Use	
File #	<u>2254, 314395</u>
Date	<u>March 22, 1972 8:44am</u>
GW #	<u>1</u>

Type of well Drilled  
(Dug, driven, bored or drilled)

Equipment used Churn Drill  
(Churn drill, rotary or other)

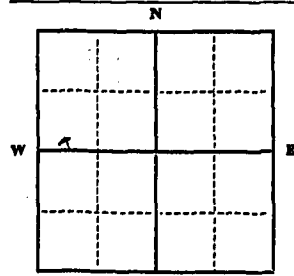
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*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). 1.5 acres, sec 4 SW 1/4 of NW 1/4  
sect 1 T13N R19W

ESTIMATED ANNUAL WITHDRAWAL 2,000,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6" I.D.</u>	<u>6" I.D. 17 lb per ft.</u>	<u>28' x 18" above g.l.</u>	<u>75'</u>		<u>none</u>	



Static water level 58 ft.\*  
Pumping water level 60 ft.\*  
at 35 gallons per minute,  
measured 1 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by test pump  
for 1 1/2 hours.  
Power Elec Pump 1 1/2 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

SE 1/4 NE 1/4 Sec. 2  
T. 13 N. R. 19 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. LOT 11 SUNNY  
ACRES

Driller's Signature Shannon Camp  
CAMP WELL DRILLING & PUMP SUPPLY  
Driller's Address 1522 S. 14th W. Missoula, Montana 59801

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>1</u>	<u>Black Dirt</u>
<u>1</u>	<u>15</u>	<u>Clay, Gravel &amp; Cobblestones</u>
<u>15</u>	<u>23</u>	<u>Clay &amp; Gravel</u>
<u>23</u>	<u>49</u>	<u>Clay, Gravel &amp; Broken Rock</u>
<u>49</u>	<u>68</u>	<u>Clay, Gravel &amp; Boulders</u>
<u>68</u>	<u>75</u>	<u>Clay, Gravel &amp; Water</u>

LICENSE NO. 7

75' Show exact depth of bottom

50/26



2254

314395

I received and filed this instrument for  
record on the 27 day of March 1922  
at 2:44 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand.  
Vernon R. Crouse, County Recorder  
By *[Signature]* Deputy  
Fee \$2.00 Paid *[Signature]*

File No. \_\_\_\_\_

MONTANA WATER RESOURCES BOARD

T. 13th 19

DUPLICATE

RECEIVED

County Missoula

JUN 17 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level 3,222)

### Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

- 0 1/2 - 1 1/2 topsoil
- 1 1/2 - 7 pebble stone  
gravel & boulders
- 7 - 22 gravel
- 22 - 30 solid rock
- 30 - 36 gravel & water
- 36 - 40 boulders
- 40 - 56 red clay & gravel  
mixed some water
- 56 - 63 gravel & water

Owner Glen T. McDonald Address 5516 E. Battlesnake Dr.

Driller Harold K. Pickens Address 3624 So. Ave.

Date of Notice of appropriation of groundwater \_\_\_\_\_

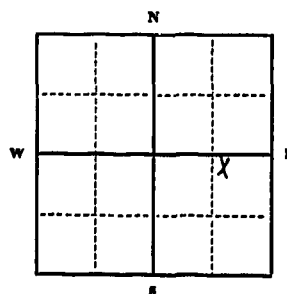
Date well started 8/4/64 Date completed 8/10/64

Type of well drilled Equipment used cable tool  
(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)
5 in.	5 1/2 od 1467 wt.	0	63	NONE		



Static Water Level for non-flowing well 18 ft. at top of

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level \_\_\_\_\_ feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested CONFINED

Length of Test 5 hrs.

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

NE 1/4 Sec. 2 T13 R19  
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).

Show exact depth of bottom.  
63 ft.

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.

71  
Driller's License Number

Harold K. Pickens  
Driller's Signature

44,244

\$1801

EX-100

272126

I received and filed this instrument in  
 record on the 14 day of June, 1968  
 at 11:30 o'clock A.M. Government files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verence R. Grouse, County Clerk  
 By James R. Beckwith Deputy  
 Fee \$ 2.00 Paid


Prepared in full for right of recording  
 at \_\_\_\_\_  
 (Number) \_\_\_\_\_  
 (Date) \_\_\_\_\_  
 (Time) \_\_\_\_\_  
 (Folio) \_\_\_\_\_  
 (Page) \_\_\_\_\_  
 (Volume) \_\_\_\_\_

C

File No. ....

T. 13<sup>1</sup> R. 19<sup>2</sup>

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODES  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

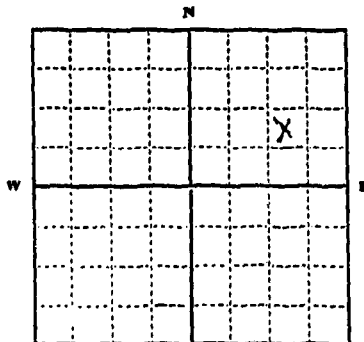
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Marguerite B. Mueller, of Rte #4, Missoula, 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:



Lot 5, Sunny Acres Homesites

SE 1/4 NE Sec. 2 T. 13 R. 19

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  
Domestic and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1, 1953 - use has been continuous.

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  
Lot 5, Sunny Acres Home Sites in the SE 1/4 NE 1/4 Section 2, Township 13 North, Range 19 West.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1, 1953

8. The depth of water table About 85 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 inch casing 85 feet deep

10. The estimated amount of groundwater withdrawn each year 5 million gallons

11. The log of formations encountered in the drilling of each well if available None 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 Marguerite B. Mueller

Date December 26, 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.

20024

8-25 215233

I received and filed this instrument for  
record on the 25<sup>th</sup> of Dec 1963  
at 2:15 clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
M. S. BEHRENS, County Recorder  
By: Max K. Hill Deputy  
Fee \$ 2.00 Paid

File No. \_\_\_\_\_

T. 13-R-19 <sup>N</sup> <sub>W</sub> 2

DUPLICATE

County Missoula  
**RECEIVED**  
NOV 4 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation by Means of Well**  
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground  
(Elev. above sea level \_\_\_\_\_)  
31' boulders, clay and sand  
19' water, sand, gravel and boulders

Owner Gaylord L. Rissman Address Missoula

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of Appropriation of Groundwater 6/4/64

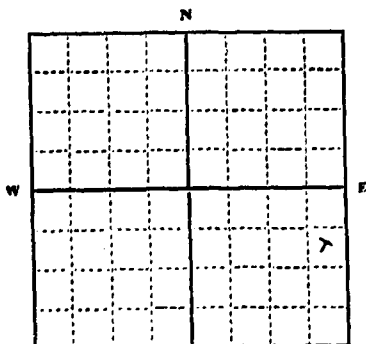
Date well started 6/16/64 Date Completed 6/23/64

Type of well drilled Equipment Used churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
<u>6" od</u>	<u>6" od 19#</u>	<u>0</u>	<u>50</u>	<u>does not apply</u>		



NE 1/4 SE Sec. 2 T. 13 R. 19  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 19 feet.

Shut-in Pressure for Flowing Well does not apply

Pumping Water Level 11 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested balled & pumped Length of Test all above

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)

23  
Driller's License Number

G. W. H. Khan  
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; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38623

# 1456

228264

I received and filed this instrument for  
 record on the 26 day of Oct, 1964  
 at 11:45 o'clock AM, permanent files  
 of Missoula County, State of Montana  
 Without fee and  
 W. C. Carr, County Recorder  
 By John D. Ball Deputy  
 Fee 2.00 Paid


1964 OCT 26 11:45 AM  
 MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA

GW 2

File No.

DUPLICATE

RECEIVED  
 Approved Stock Print State Publications Co., Helena, Montana 40472  
 AUG 1 1964  
 County MISSOULA  
 STATE ENGINEER  
 ADMINISTRATOR OF GROUNDWATER CODE 2 1964  
 OFFICE OF STATE ENGINEER

Top of Ground  
 (Elev. above sea level)

**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Well up the Rattlesnake

Owner John A. Wailes Address 434 Flynn, Missoula

Driller Glen Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater

Date well started 6/13/64 Date Completed 6/17/64

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

Water Use: Domestic  Municipal  Other  Irrigation   
 Industrial  Drainage  Stock

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6"	6" I.D.	1' above G.L.				
	18.97 # to feet	to 51'-4"		None		

Static Water Level for non-flowing Well 35 1/2 feet.

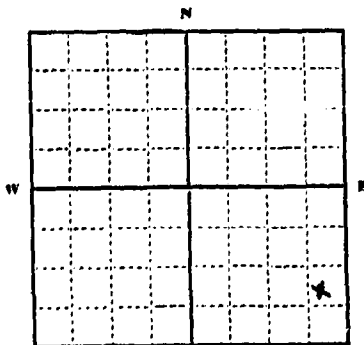
Shut-in Pressure for Flowing Well

Pumping Water Level 37 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Sort Pump Length of Test 1 hour

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)



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

License # 7

Driller's License Number

Glen Camp  
 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; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38240



1418

223234

I received and filed this instrument for  
 record on the... 22... day of... Jan... 19 64  
 at... 9:30 o'clock... M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Vermaas R. Grouse, County Recorder  
 By... *[Signature]*... Deputy  
 Fee \$ 30<sup>00</sup> Paid


MISSOULA COUNTY RECORDER  
 1000  
 MISSOULA, MONTANA  
 58

File No. ....

DUPLICATE

T. 13<sup>N</sup> R. 19<sup>W</sup> S. 2  
County Missoula

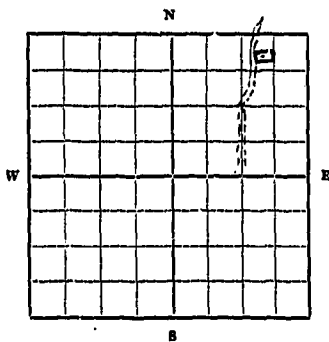
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 11 1963

STATE ENGINEER

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

1. Charles L. Walter of Rt. 4 - East Rattlesnake Missoula  
(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:



NE 1/4 NE 1/4 Sec. 2, T. 13N R. 19W

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 use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 1956  
Continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gpm

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 Approx. 1 acre - N 1/2 Lot 2, Sunny Acres Addition, Missoula County, Montana  
Owner - Charles L. Walter

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well and pump - located on N 1/2 of N 1/2 Lot 2 - Sunny Acres Addition

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximate February 1956

8. The depth of water table Unknown

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" dia - W.S. casing - 80' deep - 2 HP Motor with pump

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

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

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.A.

Signature of Owner Charles L. Walter

Date 12-9-63

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.

382

214003

*copy*

I received and filed this instrument for  
 record on the 9<sup>th</sup> day of Dec, 1962  
 at 4:06 o'clock P. M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
**MARTIN S. BEHNER**, County Recorder  
 By *Ethel Lane* Deputy  
 Fee \$ 2.00 Paid

MISSOURI STATE ARCHIVES  
 1000 WEST WASHINGTON ST. ST. LOUIS, MO. 63101

RECORDED BY THE MISSOURI STATE ARCHIVES  
 1000 WEST WASHINGTON ST. ST. LOUIS, MO. 63101


File No. ....

T. 13 N R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
OCT 4 1962

### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Well is up the Natlmanke Valley

Owner Herbert Wanka Address 128 S. 6th West

Driller Glenn Camp Address 705 Alder Missoula, Mont

Date of Notice of Appropriation of Groundwater.....

Date well started 8/2 1/62 Date Completed 8/29/62

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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 water rises in the well.

Top of Ground  
(Elev. above sea level.....)

0 to 6' Pit  
6' to 52' Clay, gravel & Boulders  
52' to 53' Clay, gravel & water  
53' to 61' Clay, gravel & boulder  
61' to 62' Gravel, sand & water

Size of Drilled Hole: 6"

Size and Weight of Casing: 6" I.D. seamless 19 lbs to foot

From (Feet): 6" above floor of pit to 53'-8"

To (Feet):

PERFORATIONS

Kind Size	From (Feet)	To (Feet)

Static Water Level for non-flowing Well 44' from G.L. feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 44' feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Bailer Length of Test 2 hours

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).....  
None

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

SE 1/4 Sec. 2 T. 13 R. 17

Licence # 7

Driller's License Number

Glenn Camp  
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; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

\*15°

197932

I received and filed this instrument for  
record on the 28 day of Sept. 1964  
at 2:30 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By *Charley [Signature]* Deputy  
Fee \$ 2.00 Paid


RECORDED  
INDEXED  
1964  
SEP 28  
MONTANA  
MISSOULA COUNTY

File No. \_\_\_\_\_

DUPLICATE

T 13<sup>M</sup> R 19

County MISSOULA

RECEIVED  
DEC 20 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

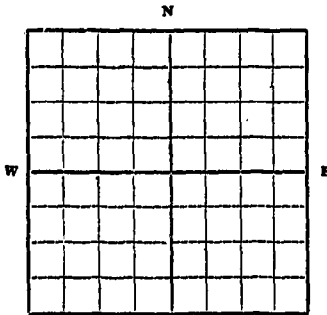
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

GEORGE A. GEESEY

1. PHYLLIS FERN GEESEY of 1020 RESERVE ST MISSOULA  
(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:



RMC OR<sup>o</sup>HO, PLAT P-1  
N 3/5 LOT OR SEC 3

1/4 Sec. T. R.

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 & LAWN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JUNE, 1949

CONTINUOUS USE DAILY

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20.6 PM

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 LAWN & GARDEN IRRIGATION  
APPROX. 23,108 SQ. FT. LOT #7 OF  
GEESEY ADDITION - 1020 RESERVE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP  
WELL 3/4 H.P. - 4" CASING

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater APPROX. MAY 1949 - COMPLETED JUNE 1949

8. The depth of water table APPROX. 1<sup>ST</sup> LEVEL 22' 2<sup>ND</sup> AT 96'

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 58' DEEP, 2<sup>ND</sup> WATER LEVEL  
4" CASING

10. The estimated amount of groundwater withdrawn each year UNKNOWN

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

BOOK 2 PAGE 42 LINE 2

Signature of Owner George A. Geesey

Date Nov 9, 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.

056

214528

*Copy*  
 I received and filed this instrument for  
 record on the 17 day of Dec 1906  
 at 11:45 o'clock A. M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
**MARTIN S. BEHNER** County Recorder  
 By [Signature] Deputy  
 Fee \$ 2.00 Paid

MISSOULA COUNTY  
 DEPT. OF RECORDS  
 100 N. W. 1st St.  
 MISSOULA, MONTANA  
 RECEIVED  
 DECEMBER 17 1906

File No. \_\_\_\_\_

T. 13 R. 19 <sup>4</sup>

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

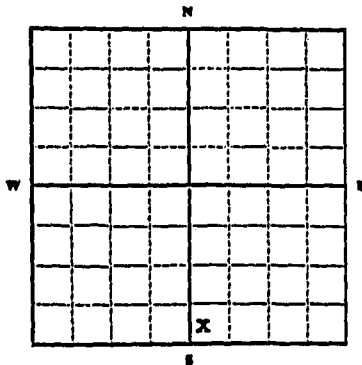
RECEIVED  
JAN 3 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Carl W. Carlson & John W. Carlson, of Route 2 Missoula  
(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:



SW 1/4 Sec. 4 T. 13 R. 19

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. Domestic and stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. continuous use since April, 1945.

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

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 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, 1" pipe, discharge pipe 3/4" 1/2 horse power

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April, 1945

8. The depth of water table. 6' water table 27' depth of well

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. 5" casing for 15', then open hole

10. The estimated amount of groundwater withdrawn each year. 50,000 gallons per 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. 7 springs located at various places on the section above described. Water from these springs have been used to irrigate since 1911. Claimants claim all water flowing from said springs, exacc amount of which cannot be determined at this time.

Signature of Owner Carl W. Carlson  
John W. Carlson  
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.

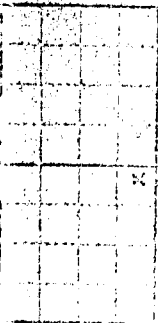
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

19986



786 215194



RECORDED

I received and filed this instrument  
recorded this day of 1963  
at 7:28 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand  
By *Mavis A. Hahn* County Recorder Deputy  
Fee \$ *79* Paid

Form No. 18  
8-60

T. 13 R. 19  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

X		

Owner Clifford W. & Kathryn E. Phillips Address Missoula (Grant Creek)  
Driller Glen Camp Address Missoula  
Date Started January 9, 1953 Date Completed Jan. 24/53  
Location: Sec. 5 T. 13 R. 19  $\frac{1}{4}$  sec. W $\frac{1}{2}$  SW $\frac{1}{4}$

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 87 ft. Type 24# Size 8"

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: 65 ft. \_\_\_\_\_ feet.

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

Pumping water level 69 feet at 60 gal. per min. \_\_\_\_\_

How tested: Bailer

Length of test \_\_\_\_\_

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

(over)

# Log of Well

Depth, feet		Topsoil	Description of Material Drilled
From 0	To 2		
2	25	Gravel	
25	82	Clay and Gravel	
82	87	Gravel, sand, and water	

I received and filed this instrument for record on the 18th day of March, 1922  
 of 9.00 o'clock P.M. at the office of the  
 of Mississipi County, State of Missouri  
 Whereof my office is  
 MARTIN S. REHNER, County Recorder  
 Filed Deputy  
 Fee \$ 1.00

# 76  
 183930  
*[Signature]*

RECEIVED

JUL 3 1973

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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.

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 Clifford W. and Kathryn E. Phillips

Address Grant Creek  
Missoula, Montana

Date well started 4/27/73  
completed 4/18/73

Type of well Drilled  
(Dug, driven, bored or drilled)

Equipment used Air Rotary  
(China drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other  Garden/Lawn

\*Describe Commercial and Trailer Court

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). Approx. ten acres

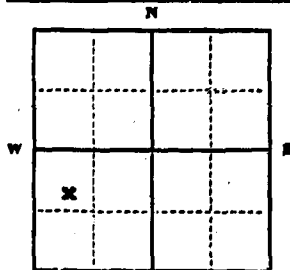
For Administrator's Use

File 354328, 2574  
6-24-73

GW 1 2:44 p.m.

ESTIMATED ANNUAL WITHDRAWAL 52,560,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" OD x 1/2"	+2	91	Johnson 125/1000	91	101
Continuous slot opening						
Blank tailpipe with steel plate solidly welded in bottom extends to						105



SW 1/4 Sec. 5  
T. 13N N.R. 19W E

Static water level 40 ft.\*  
Pumping water level 63 ft.\*  
at 100 gallons per minute,  
measured 24 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Air Lift Pump  
for 24 hours.  
Power Gas Pump 30 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) All water  
entering well through  
slot openings in screen.  
Wells in this area can  
be depended upon to

Top of Ground Approx (lev. above sea level) 3260'

From (Feet)	To (Feet)	Description
0	8	Gravel and fill
8	10	Topsoil
10	67	Sandy silty clay and gravel
67	84	Brown sand and gravel. Water
84	90	Silty sandy clay and gravel
90	104	Coarse brown sand and gravel. Water
104	105	Gravel embedded in silty brown clay

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

Driller's Signature W. J. Osborne  
LIBERTY DRILLING COMPANY  
Driller's Address 2500 Reservey Street

Missoula, Montana 59801 LICENSE NO. 52

105 ft. Show exact depth of bottom  
Water rises in well 40 feet  
from surface.

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