## WATER WELL LOG

**Owner:** Ed Maynard  
**Address:** Denis, Montana

**Driller:** Carl P. Hellenstein  
**Address:** Dillon, Montana

**Date Started:** Apr. 16, 1958  
**Date Completed:** Apr. 19, 1958

**Location:** Sec. 13 T. 5 S. R. W. 1/4 sec. S. W.

### Water Use
- Domestic [ ]  
- Municipal [ ]
- Stock [ ]  
- Irrigation [ ]
- Industrial [ ]  
- Drainage [ ]  
- Hotel, Trailer Court, Lodge [ ]  
- Other: [ ]

### Casing
- Surface: 37½ ft.
- Type: galv. ¼" I.D. merchant casing
- Size: galv ¾" I.D.

### Perforated or Screened
- Ft. to Ft.

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

### Test Information
- **Static Water level for non-flowing well:** 23 ft.
- **Shut-in pressure, for flowing well:** 45 lb./sq. in. on: (date)
- **Pumping water level:** 20 g.p.m., feet at 45 feet at 20 g.p.m.
- **How tested:** bailer
- **Length of test:** 1 hr

### Original Well
- original well was drilled several years ago. No logs on original 27-20 ft. ¾" casing was welded to ½" casing originally in well and driven to 60 ft where sufficient water without sand was obtained.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>5 ft pit to be abandoned</td>
</tr>
<tr>
<td>5</td>
<td>27½</td>
</tr>
<tr>
<td>27½</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>42</td>
</tr>
<tr>
<td>42</td>
<td>45</td>
</tr>
<tr>
<td>45</td>
<td>48</td>
</tr>
<tr>
<td>47</td>
<td>59</td>
</tr>
<tr>
<td>59-60</td>
<td>59-60</td>
</tr>
</tbody>
</table>

Note: Originally drilled, no log available.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Win-Del Ranches, Inc. of.
(Name of Appropriator)

County of Madison 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

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

1922

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 Gal

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

Windmill & pump

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

1922

8. The depth of water table

90 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" pipe 120 ft. deep

10. The estimated amount of groundwater withdrawn each year

3,000,000

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

Not Available

Win-Del Ranches, Inc.
Signature of Owner

Date 12/19/63

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

1. 
2. The beneficial use on which the claim is based. 
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. March 1961.
4. The amount of groundwater claimed (in miner’s inches or gallons per minute). 15.
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. 

<table>
<thead>
<tr>
<th>Win-Del Ranches, Inc.</th>
<th>of</th>
<th>Ennis</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of</td>
<td></td>
<td>State of</td>
</tr>
<tr>
<td>Madison</td>
<td></td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

1. Name of Appropriator (Address) (Town)
2. Stock
3. March 1961
4. 15

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. 1961.
8. The depth of water table. 50.
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. 6th. 20 feet deep.
10. The estimated amount of groundwater withdrawn each year. 3,240,000.
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. Not Available.

Win-Del Ranches, Inc.
Signature of Owner. P. Lichtenberg
Date. 12/19/63

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

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

Win-Del Ranches, Inc.  
(Name of Appropriator)

Win-Del Ranches, Inc.  
(Address)

County of Madison  
(Town)

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: Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Sept. 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20

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: Electric submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1950

8. The depth of water table: 35'

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" 70 foot deep

10. The estimated amount of groundwater withdrawn each year: 3,200,000 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Not available

Win-Del Ranches, Inc.
Signature of Owner: F. Wichtelberger
Date: 12/19/63

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.
Notice of Completion of Groundwater Appropriation by Means of a Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: ____________________ Address: ____________________
Driller: ____________________ Address: ____________________
Date of Notice of Appropriation of Groundwater ____________________
Date well started ____________________ Date Completed ____________________
Type of well: __________ Equipment Used: __________
(dug, driven, bored or drilled)

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: ____________________ feet.
Shut-in Pressure for Flowing Well: ____________________ feet at: ____________________ gal. per minute.
Discharge in gal. per min. of flowing well: ____________________ gal. per minute.
How Tested: ____________________
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)

This well was drilled through very unstable sands with the majority of the distance consisting of a quicksand composition.

Driller’s License Number: ____________________
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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Min-Del Ranches, Inc. of. Foss
(Name of Appropriator) (Address)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Win-Del Ranches, Inc. of. Foss

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 1959 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 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 Windmill & pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950

8. The depth of water table 30 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 ft. 70 ft. deep

10. The estimated amount of groundwater withdrawn each year 3,850,000

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 Not available

Min-Del Ranches, Inc. Signature of Owner D. W. H. Schleier Date 12/19/63

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.
RECORDERS OFFICE.

Maclson County, Montana

Filed Dec. 31, 1965

at 11 o'clock A.M.

Maclson County Recorder

By County Recorder

Dec. 31, 1965
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Min-Del Ranches, Inc. Address: Ennis, Montana

Driller: VanDykken Drilling Co. Address: Ennis, Montana

Date of Notice of Appropriation of Groundwater: August 11, 1963
Date well started: 9/10/63 Date Completed: 9/17/63

Type of well: Drilled Equipment Used: Churn (dug, driven, bored or drilled)

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Kind of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; 0.D.</td>
<td>9' 59' none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 43' feet.
Shut-in Pressure for Flowing Well: none
Pumping Water Level: 43' feet at 22 gal. per minute.
Discharge in gal. per min. of flowing well: 100 gal. / min.
How Tested: Bailier Length of Test: 1 hr.

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

License No. 1
Driller's License Number
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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: none

Date well started: Aug 29 63
Date completed: Feb 21 1964

Type of well: Drilled
Equipment Used: Cable tools (dug, driven, bored or 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>O.D. 6 5/8&quot;</td>
<td>3'</td>
<td>96'</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 64 feet.
Shut-in Pressure for Flowing Well: none
Pumping Water Level: 82 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: none
How Tested: Bailer
Length of Test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other 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 No. 1
Driller's License Number
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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

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

Date of Notice of Appropriation of Groundwater—none

Date well started—May 25/65
Completed—May 28/65

Type of well—drilled
Equipment Used—Cable tools.
(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.

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Casing (Feet)</td>
<td>(Feet)</td>
<td>(Feet)</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; QD</td>
<td>0'</td>
<td>35'</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well—TO' feet.
Shut-in Pressure for Flowing Well—none
Pumping Water Level—18' feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well—none
How Tested—Boiler
Length of Test—1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other 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 NO. 1
Driller's License Number

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.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

1. Name of Appropriator: Eugene, Pauline, Velma — Box 206
   (Address) Ennis
   (Town)
   (Name of Appropriator) (Address) (Town)

   County of Madison
   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 — Domestic use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1956, Specific date
      unknown. Has been used continuously since

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1956 — Unknown

   8. The depth of water table — Eight (8) 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 30’ deep and cased with 6” cast iron casing. The pump used for withdrawal is a small centrifugal pump — electric.

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

   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

   Eugene Saiter
   Signature of Owner
   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; Quadruplicate for the Appropriator.
RECORD OF OFFICE, 1st
Madison County, Montana
Filed Dec. 30, 1963
2 o'clock
By County Recorder
Deputy
Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

County of Madison
State of Montana

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

1. The beneficial use on which the claim is based. Stock & Garden Irrigation

2. Date or approximate date of earliest beneficial use, and how continuous the use has been. Prior to 1968, Specific date unknown. Has been used continuously since.

3. The amount of groundwater claimed (in miner’s inches or gallons per minute). 10 Gallons per minute

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Small electric centrifugal pump

5. The mean of withdrawing each water from the ground and the location of each well or other means of withdrawal. Small electric centrifugal pump

6. The date of commencement and completion of the construction of the wells, or other works for withdrawal of groundwater. Prior to 1968. Unknown

7. The depth of water table. Eight (6) Feet

8. The type, size and depth of each well or the general specifications of any other works for withdrawal of groundwater. Well is 30’ deep and cased with 6” cast iron casing. The pump used for withdrawal is a small centrifugal pump – electric

9. The estimated amount of groundwater withdrawn each year. 16,000 gallons

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

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

Signature of Owner. Eugene Sauer
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.
**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 is 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:** Charles Stolte, Jr.  
**Address:** Emma, Montana  
**File No.:** 4,5745

---

**Date well started:** 4-3-73  
**Date well completed:** 4-4-73

**Type of well:** Drilled  
**Equipment used:** Cable tool

**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

<table>
<thead>
<tr>
<th>Rate of Defined Rise</th>
<th>Size and Number of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6' id.</td>
<td>17'</td>
<td>73'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Driller’s Signature:**  
**Driller’s Address:** Potas Drilling and Developing  
**Route #:** Bozeman, Montana 59715  
**LICENSE NO.:** 250  
**72 ft.**  
Show exact depth of bottom
NOTICE OF COMP. OF G.W. APP. BY MEANS OF WELL

59745

TOLTZ, Charles, Jr. & Sandra

RECORDER'S OFFICE
Madison County, Montana

Filed: Aug. 26, 1973

8:30 o'clock A.m.

S. P. Moltjen
County Recorder

Deputy
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: Charles Newfield
Address: Dania, Montana
Date well started: 4-5-72
Completed: 4-12-73

Type of well: drilled
Equipment used: cable tool
Water Use: Domestic [x] 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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>681.0</td>
<td>1</td>
<td>80</td>
<td>3/4 GRANITE PAK</td>
<td>80 - 86</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 40 ft
Pumping water level: 24 ft
Gallons per minute, measured: 120 minutes after pumping began.

*Measured from ground level. Well developed by pump for 8 hours.

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

Driller's Signature:
Driller's Address: Potte, Drilling and Developing

Route & Box: Brennan, Montana 59725

License No. 123

Top of Ground (feet above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>25</td>
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</tr>
<tr>
<td>52</td>
<td>65</td>
</tr>
<tr>
<td>65</td>
<td>78</td>
</tr>
</tbody>
</table>

RECEIVED

APR 27 1977

County: Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

APR 27 1977

County: Madison
STOLTZ, Charles & Helen
NOTICE OF COMP. OF G.W. App. By Means Of Well COFF

49744

Fee $__

County Recorder

By:

RECEIVED ON COUNTY MILITARY

RECORDERS OFFICE

Madison County, Mo.

Filed 24, 1973

10-16-73

J. L. McBelin
County Recorder

By:

Fee ___
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner: CHAS. STOLTZ
Address: ENNIS MONTANA.

Driller: YAM DIXEN DRILLING CO.
Address: BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater: April 23/68
Date well started: May 1/68
Date completed: May 1/68

Drilled
Type of well: Ontario Perforations
Equipment used: Cable tools
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.

T.D. 35'

<table>
<thead>
<tr>
<th>Size of Dressed Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perfomations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8&quot;</td>
<td>0.0, 17# per ft. P.B.</td>
<td>From 0'</td>
<td>35'</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 12 feet
Shut-in Pressure for flowing well: none
Pumping Water Level: 25 feet

Discharge in gal. per min. of flowing well:

Bailer
How Tested: 2 Hrs
Length of Test:

Remarks: Gravel packing, cementing, pack- type of shutoff: Shutter outside of casing

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).

LICENSE NO. 1
Driller's License Number
Driller's Signature

45,004
STATE OF MONTANA
County of Madison.

I hereby certify that the within instrument was filed in my office on the 7th day of July, A.D. 1968.

11 min. past 10 o'clock P. M.

By

Mary A. Myers
County Recorder

Deputy
**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER COD/H**
**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:** Carol Holmer

**Address:** Jefferson, Montana

**Date well started:** Nov 3, 1970

**Date well completed:** Nov 5, 1970

**Type of well:** Drilled

**Equipment used:** Crown Drill

**Water Use:** Domestic [X] 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: 2,400,000 gallons**

<table>
<thead>
<tr>
<th>Size of Defined Hole</th>
<th>Size and Weight of casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6-5/80.2</td>
<td>11' up</td>
<td>50</td>
<td>None</td>
</tr>
</tbody>
</table>

**Top of Ground**

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Surface <em>slst</em></td>
</tr>
<tr>
<td>2</td>
<td>static level</td>
</tr>
<tr>
<td>20</td>
<td>surface water in gravel</td>
</tr>
<tr>
<td>19</td>
<td>gravel &amp; sand</td>
</tr>
<tr>
<td>10</td>
<td>gravel</td>
</tr>
<tr>
<td>5</td>
<td>gravel &amp; water</td>
</tr>
<tr>
<td>0</td>
<td>drilled at 51</td>
</tr>
</tbody>
</table>

**Static water level** ______________ ft.  

**Pumping water level** ______________ ft. at _______________ gallons per minute, measured ______________ minutes after pumping begun.

*Measured from ground level.

Well developed by ______________ for ______________ hours.

Power ______________ Pump ______________ HP

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

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.**

Each small square represents 40 acres.

**Driller's Address:** Box 5, Milson, Montana 59725

**Driller's Signature:** ___________________________________________________________________________

**LICENSE NO:** 9

**Show exact depth of bottom**

[48060]
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Win-Del Ranches, Inc., (Name of Appropriator)

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: 1920 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 18 Gal.

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: Electric submersible pump

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater: Approximately 1920

8. The depth of water table: 4/5'

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" pipe - 45'-deep

10. The estimated amount of groundwater withdrawn each year: 3,250,000

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: Not available

Win-Del Ranches, Inc.

Signature of Owner: D.C. Wiebe
Date: 12/19/63

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

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

William G. Thexton
2951 Seabright Long Beach

County of Los Angeles Co., State of California
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
   1. Domestic, recreational (hot springs)

3. Date or approximate date of earliest beneficial use; and how continu-
   ous the use has been
   1865

4. The amount of groundwater claimed (in miner's inches or gallons
   per minute)
   50 gallons 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
   excavation flowing into 30x40 ft pool

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
   drawal of groundwater
   development commenced around 1900; 1938 additional structures

8. The depth of water table
   surface, coming out of sidehill; fifteen feet down
   from crest of hill

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
   see above

10. The estimated amount of groundwater withdrawn each year
   21,100,000 gal per yr

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

William G. Thexton
By: Helen F. Thexton
Signature of Owner
Date Dec. 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Win-Del Ranches, Inc., of Emie
(Name of Appropriator) (Address) (Town)

County of Madison 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: 1922 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 18 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: Electric submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approximately 1922

8. The depth of water table: 50'

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: 67 pipe = 180' deep

10. The estimated amount of groundwater withdrawn each year: 3,000,000 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Not known

Win-Del Ranches, Inc.
Signature of Owner
Date: 12/19/63

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.
RECOEDER'S OFFICE, \ss.
Madison County, Montana.
Filed Dec. 31 1943
at 9 o'clock A. M.

By

I. L. Pendleton
County Recorder

29071

[Handwritten signature]
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Elmer J. Baker**, Box 26, Emsis
   - **County of**: Madison
   - **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 was for watering, laundry, and washing clothes.

   3. Date or approximate date of earliest beneficial use: **1900**
      - Since then, the use has been continuous.

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

   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: Water is obtained by pumping.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Approximately 1900**

   8. The depth of water table: **Approximately 4 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, 30 ft deep, with 6" casing**

   10. The estimated amount of groundwater withdrawn each year: **250,000 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 where the information described in this claim is recorded:

   - **Book 200, pg. 27**

   - **Records of Madison County and used as same charges.**

   **Signature of Owner:** Elmer J. Baker

   **Date:** 12/31/1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
## Declaration of Vested Groundwater Rights

(Declaration of Chapter 237, Montana Session Laws, 1960)

**County of** [Name of County]  
**State of** Montana

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Information</th>
</tr>
</thead>
</table>
| 1.   | **Name of Appropriator** (Chas. E. M. Bauer), **Address** (Emme)  
     **Town** (Helena)  
     **County of** (Lewis)  
     **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: **Belly meadows** |
| 3.   | Date or approximate date of earliest beneficial use; and how continuous the use has been: **Spring of 1933** |
| 4.   | The amount of groundwater claimed (in miner's inches or gallons per minute): **10 gallons per minute** |
| 5.   | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **Not applicable** |
| 6.   | The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Drilled well, 4 feet in depth** |
| 7.   | The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Spring of 1933** |
| 8.   | The depth of water table: **5 feet** |
| 9.   | So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **Drilled well, 4 feet in depth** |
| 10.  | The estimated amount of groundwater withdrawn each year: **100,000 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: **Book 122, Page 116, Record of Abandonment** |

**Signature of Owner** (Chas. E. M. Bauer)  
**Date** (Dec. 31, 1963)

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Tripllicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
RECORDE'S OFFICE, Madison County, Montana.

Filed Nov 31 1963
at 9:45 a.m.

H. E. Beuer
County Recorder

By D. C. Deputy
1. Otis T. and Laura H. Crocker, of Ennis (Name of Appropriator) 
   (Address) (Town) 
   County of Madison, 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—domestic and irrigation needs.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 70-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. 10 acres, same as above.

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—May, 1946.

8. The depth of water table—17 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. 5-inch well, 64-feet deep, casings.

10. The estimated amount of groundwater withdrawn each year—17,000,000 gallons.

11. The log of formations encountered in the drilling of each well if available. No log 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:

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

1 OTIS T. & LAURA H. CROOKER of ENnis
(Name of Appropriator) (Address)
County of MADISON 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: domestic and irrigation needs.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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: Lawn and airport, ten acres, same as above.

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: September, 1956.

8. The depth of water table: 17 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 well, 72 feet deep, cased.

10. The estimated amount of groundwater withdrawn each year: 35,000,000 gallons.

11. The log of formations encountered in the drilling of each well if available: no log 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:

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.
RECORDER'S OFFICE, Madison County, Montana.

Filed Dec. 31, 1965
at 11:55 o'clock A.M.

[Signature]

County Recorder

By [Signature]

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

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Ennis R. Doran  
**Address:** Ennis, Montana

**Driller:** Donald C. Jones  
**Address:** Barlow, Montana

**Date of Notice of Appropriation of Groundwater:**

**Date well started:** Nov. 15, 1966  
**Date completed:** Nov. 22, 1966

**Type of well:** Drilled  
**Equipment used:** Churn drill (drill, rotary or drilled)

**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.

<table>
<thead>
<tr>
<th>Clay</th>
<th>Top of Ground</th>
<th>Drilled Hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elev.</td>
<td>20 ft.</td>
<td>17 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gravel</th>
<th>(Elev. above sea level)</th>
<th>17 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static water level</td>
<td>20 ft.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Clay</th>
<th>Sand</th>
<th>Sandy Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elev.</td>
<td>17 ft.</td>
<td>12 ft.</td>
</tr>
<tr>
<td>Static water level</td>
<td>20 ft.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sandy gravel bound in clay</th>
<th>Bottom of well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elev.</td>
<td>0 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 ft.</td>
<td>4 1/2 in.</td>
<td>0 ft.</td>
<td>84 ft.</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 15 feet

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 8.5 feet at 30 gal. per minute

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

**How Tested:** Pumped  
**Length of Test:** 1 hr.

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

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

**Driller's License Number:** 41,462

**Driller's Signature:** Donald Jones
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Royce Keefe
   (Name of Appropriator)
   (Address)
   (Town)
   County of Madison
   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: Bar
   80 acres and 320 acres.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 15 - 1957

8. The depth of water table: 2 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: 100 feet deep. 4-foot diameter well. 3-foot diameter pipe.

10. The estimated amount of groundwater withdrawn each year: 600,000 gallons per year

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: Bob Keefe
Date: Dec 30

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; Tripllicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Dagny Hennes, In., of Ennis
   (Name of appropriator)  (Address)  (Town)

   County of Madison  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 & yard

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

4. The amount of groundwater claimed (in inches or gallons per minute)
   34 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
   Horse Power Water Booster

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

8. The depth of water table

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

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
   Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
RECORDER'S OFFICE,
Madison County, Montana.

Filed Aug 31 1963
10:07 o'clock AM

[Signature]

County Recorder

Fee $__

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

1. Name of Appropriator: Wilfred G. Jeffers
2. Address: Ennis
3. Town: Ennis
4. County: Madison
5. State: Montana

I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>The beneficial use on which the claim is based: Household and Irrigation of lawns and flowers.</td>
</tr>
<tr>
<td>3.</td>
<td>Date or approximate date of earliest beneficial use: 1949 until city water was connected for house use.</td>
</tr>
<tr>
<td>4.</td>
<td>The amount of groundwater claimed (in miner's inches or gallons per minute): 400 gal per minute + as per pump manufacturer specifications.</td>
</tr>
<tr>
<td>5.</td>
<td>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Ennis Homestead Lot, in Ennis and owned by appropriator named above.</td>
</tr>
<tr>
<td>6.</td>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric pump.</td>
</tr>
<tr>
<td>7.</td>
<td>The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Nov. 7, 1949.</td>
</tr>
<tr>
<td>8.</td>
<td>The depth of water table: probably about 4 feet. Depth of well is 46 feet.</td>
</tr>
<tr>
<td>9.</td>
<td>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, depth 46 feet.</td>
</tr>
<tr>
<td>10.</td>
<td>The estimated amount of groundwater withdrawn each year: I am not capable of estimating this.</td>
</tr>
<tr>
<td>11.</td>
<td>The log of formations encountered in the drilling of each well if available: None available.</td>
</tr>
<tr>
<td>12.</td>
<td>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:</td>
</tr>
</tbody>
</table>

Signature of Owner: Wilfred G. Jeffers
Date: Dec. 28, 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Minfred G. Jaffurs of Missoula
   (Name of Appropriator) (Address) (Town)

   County of Madison 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 and irrigation of garden and lawn.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 30 years or over.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 350 gal per minute; as per pump—manufacturer's specifications.

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 located on Lot 38, Block 1, O.T., of town of Missoula, elect. pump used.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: about 1933 or before.

8. The depth of water table: about 4 feet in summer.

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 30 feet deep; 4-inch casing.

10. The estimated amount of groundwater withdrawn each year: cannot say.

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.

Signature of Owner: Minfred G. Jaffurs
Date: Dec 28, 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.
RECORDBAR'S OFFICE,
Madison County, Montana,

Filed Dec. 31, 1962
at 4:45 o'clock p.m.

Wm. C. Jefferson

County Recorder

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

1. Donald E. Neville Sr., of Ennis,
   (Name of Appropiator) (Address) (Town)
   County of Madison, 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: lawn and irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1947 continuous use since

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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: 3 acres irrigation on lawn and garden

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1947

   8. The depth of water table: six 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 35 feet deep, six inch casing; 3/4 inch draw pipe

   10. The estimated amount of groundwater withdrawn each year: 25,000 gals

   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: well located on and waters used on lands described in Ex duced recorded Book 161 page 416 records of Madison County, Montana, being N. 180 ft. of Lots 7 and 8 Block 4 Home Addition to the town of Ennis, Montana

   Signature of Owner: Donald E. Neville Sr.
   Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropiator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Owner: Paul W. Tillinger, Jr.
Address: Ennis, Montana
Contractor (if any): self
Address of Contractor:
Date Started: 11/1/63
Date Completed: 11/10/63
Describe means of obtaining groundwater without a well, as by
sub-irrigation and other natural processes. Include depth to
water when applicable: dug drain from SW SE1/4 into NE1/4
of Section 33, T. 55 N., R. 1 W., M.P.M. to develop
the underground water and make available for
stock water. Drain boxed with lumber.

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 for
stock water the year around. Total flow at
least 50 miners inches, 9 M. per second of
time.

Signature of Owner: Paul W. Tillinger, Jr.
Date: December 23, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the
School of Mines and Quadruplicate for the Approprietor.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Paul W. Tillinger, Jr., of Ennis
   (Address)

County of Madison
State of Montana

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>160 miners inches, e.m. per second of time flowing in Moore's Creek in T. 58 S., R. 1 W., M.P.M., arising from springs, County of Madison.</td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—1930—Continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 160 miners inches, e.m. per second of time flowing in Moore's Creek in T. 58 S., R. 1 W., M.P.M., arising from springs. (Cont’d on back.)

5. If used for irrigation, give the acreage and description or means 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:
   - Tap stream with ditches.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—1890.

8. The depth of water table—variable.

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—ditch system adequate.

10. The estimated amount of groundwater withdrawn each year—160 miners inches, e.m. per second of time.

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:
    Moore's Creek accumulated as the way's so appropriated in Townships 5 and 68 S., Range 1 and 2 W., M.P.M.

Signature of Owner

Date: December 23, 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 Appropiorat.
4. Continued:

Seeage percolation and drainage from soil and accumulating in Moore's Creek, subject to decreed rights on said stream.