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

Owner: Address:
Driller: Address:
Date of Notice of Appropriation of Groundwater:
Date well started:
Date completed:
Type of well:
Equipment Used:
Wells L'se:
Industrial
Domestic
Municipal
Other
Irrigation
Stocky
Discharge in g.p.m. of flowing well:
Pumping Water Level:
Tested:
Remarks:
Static Water Level for nonflowing well:
Shut-in Pressure for flowing well:
Discharge in gal. per min. of flowing well:
Length of Test:
Remarks:

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.

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

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.

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 OR MONTANA

Filed on the above date.

$J^? Rf$ and BmcKev

$Br^{-2}_{uJ}^{+0+1}$
Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Ru-Soil. Address: <W*...> Route #1

Date of Notice of Appropriation of Groundwater:

Date well started: 11-1965. Date completed: ...

Type of well: Drilled, driven, bored or churn, drill, rotary or other.

Water Use: Domestic, Municipal, Other, Irrigation, Industrial, Drainage, Stock, Irrigation...

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.


Pumping Water Level: Q ft at 3Q, gal. per minute.

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

Hoe Tested: Bailer, Length of Test: hours.

Keniarks: 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 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 Administrator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(A Name of Appropriate)
(Address) / (Town) *
County of Xri K State of have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- The beneficial use on which the claim is based is
- Date or approximate date of earliest beneficial use; and how continuous the use has been
- The amount of groundwater claimed (in miner's inches or gallons per minute)
- If used for irrigation, give the acreage and description of the lands to which water has been applied and the name of the owner thereof
- The date of commencement or completion of the construction of the well, wells, or other works for withdrawal of groundwater
- The depth of water table
- The log of formations encountered in the drilling of each well if available

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 GROUP WASTEB ODEV

OFFICE OF STATE ENGINEER

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Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner/City: John Doe
Address: 123 Main St, Anytown, MT

Date of Completion of Appropriation by Means of Well:

Date Well Started:

Date Completed:

Type of Well: Drilled, Bored, Other

Equipment Used: Chisel, Drilling, Rotary, 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.

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

Static Water Level for non-flowing Well:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gallons per minute:

How Tested:

Length of Test:

Remarks:

Driller's License Numisery

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

---

Th.is 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 Appropriates.
A.
•uc Ja/57- Sftk
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 19*2

(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 Clark 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.

For Administrator or Use:

Address JX: ^OV. ^

Date well started: Z/UL

Type of well: (Dust, driven, bored or drilled)

Equipment used: (Cable drill, rotary or other)

Water Use: Domestic & Municipal O Stock O Irrigation •

Industrial • Drainage • Other • Garden/Lawn O

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>Str. or</th>
<th>Depth</th>
<th>Start and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>feet</td>
<td>feet</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level

Pumping water level

Well developed for hours.

Power Pump HP

In/®. Packs, cementing, packers, type of shutoff

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

Driller's Signature: 

Driller's Address: 

Show exact depth of bottom.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

P. J. S. 2 W. 2/4 S. 21 T., 22 R., 21 N.

**Address:**

109 Ft. Surf-w. Loam

**Owner:**

P. J. S. 2 W. 2/4 S. 21 T., 22 R., 21 N.

**Address:**

109 Ft. Surf-w. Loam

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

July 8, 1964.

**Date Well Started:**

July 8, 1964.

**Date Completed:**

July 8, 1964.

**CcngloBrtTat**

409 Ft., Boulders i glacial

**CengloBrtTat**

409 Ft., Boulders i glacial

**Equipment Used:**

Churn, drill, rotary or drilled

**Water Use:**

Domestic Q, Municipal Q, Other • Irrigation Q, Industrial • Drainage • Stock Q

**Driller's License Number**

Driller's Signature

**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.)

**How T.-ted, B.**

Length of Test. **3 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.)

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

55 feet.

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

300 gal. per minute.

**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.)

**How T.-ted, B.**

Length of Test. **3 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.)

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300 gal. per minute.

**Remarks:**

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

55 feet.

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

300 gal. per minute.

**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.)

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

55 feet.

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

300 gal. per minute.

**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.)

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300 gal. per minute.

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(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.)

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55 feet.

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300 gal. per minute.

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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.
## DRILLER'S LOG

**STATIST OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WRL**

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended) Top of Ground \( PP + O < E + C_T \) bore \( n - 3 \) Topsoil - 3Q25

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

**WILLIAM H. & ELEANOR**

**Address**

\( J \times 3 \) LlamajiyE

**Date well started**

9/25/72

**Type of well**

DRILLKO

**Equipment used**

Due driven, bored or drilled

**Water Use**

Domestic E Municipal • Stock B Irrigation fi

- 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

911980.000 C. AULLONS

### INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE

**Each Small Square Represents 40 Acres.**

### Driller's Signature

\( ^{\text{ALISPELL, Montana}} \)

**Driller's Address**

\( ^{\text{LICENS. NO}} \)

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Show exact depth of bottom

VATES RISES IN WELL 172'10" FROM SURFACE
NOT OVERPUMPED, i.e., THEY SHOULD BE PUMPED AT RATE:
P=COMIT OR TNC TESTCO CAPACITY OF TNC Aquifer.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

Date of Notice \( \text{(\text{Appropriation of Groundwater})} \)

Date well started, \( \text{Date Completed} \)

Type of well \& Equipment Used, \( \text{(dug, driven, bored or drilled)} \)

Water Use: Domestic (X) Municipal Stock D Irrigation Q
Industrial • Drainage • Other

\( \text{(*) Indicate on the diagram the character and thickness of the different strata met with iii drilling, such as silt, clay, shale, sand, etc.} \)

\( \text{(*) Water-bearing strata and height to which the water rises in the well.} \)

\( \text{(*) From To Size in Feet} \)

\( \text{(*) From To} \)

\( \text{(*) How Tested Length of Test} \)

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

\( \text{(*) Indicate location of well and place of use, if possible. Each small square represents 10 acres.} \)

\( \text{(*) Show exact depth of bottom.} \)

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.

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
ADMnSTRATOB 07 BearthWATXR ODD
OryiHT OF Stats BKHfKe

Notice of Completion of Groundwater Appropriation by Means of Wall
(Under Chapter 237, Montana Scation Law, 1961)

Date well started
Date Completed

... Notice of Appropriation of Groundwater...

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 is the static level.

Static Water Level for non-flowing Well...
Shut-in Pressure for Flowing Well...
Pumping Water Level...
Discharge in gal. per min. of flowing well...

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.

... Shox depth of bottom...

Driver's License Number
Driller's Signature

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

Please answer all questions. If not applicable, to rate, 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 Appropnator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Gordon
Address: 2S XOUlub

Date of Notice of Appropriation of Groundwater: 5/6/61
Date Well Started: 5/6/61
Date Completed: 5/6/61

Type of Well: 5?111131...
Equipment Used: (Dug, driven, bored or Churn, drill, rotary or other)

Water Use: Domestic QJ Municipal Q Other • Irrigation Q Industrial • Drainage • Stock

Other: Indicate on the diagram the character and thickness of the different strata met with in drilling, as soil, clay, shale, gravel, rock or sand, etc. Snow up in at which Water is in consideration, strata bearing strata and height to which water rises in the well.

Static Water Level for non-flowing Well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gal per minute

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).

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 Approphator.
STATE OF """" w'MrF" " ss ""/I
COUNTY OF J\X/MEADC /1

By -___________.

 إنه
Notice of Appropriation of Groundwater

Appropriation by Means of Well

Date of Notice of Appropriation of Groundwater

Date well started...11/15/65 Date Completed...12/21/65

Date

Type of well (dug, driven, bored or (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.

Static Water Level for non-flowing Well $J$ feet.

Shut-in Pressure for Flowing Well...

Pumpint; Water Level...feet at...gal. per minute.

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

How Tested?...Length of Test...

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).

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 quaduplicate for the Appropriates.
Notice of Completion of Groundwater Appropriation

Owner: Kalispell, Montana
Bound #1,

Date of Notice of Appropriation of Groundwater: 1964
Date Completed: 1965

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

Static Water Level for non-flowing Well: 50 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 12 feet, at 12 gal. per minute.
Discharge in gal. per min. of flowing well:

How Tested: Bailer
Length of Test: 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.

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

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hallspeil</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County of Flathead, state of Montana

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

1. Name of Appropriator: Hallspeil
2. Date or approximate date of earliest beneficial use: June 10, 1955
3. The beneficial use on which the claim is based: domestic, household, watering of stock, and irrigation
4. The depth of water table: 159 feet to 167 feet
5. The estimated amount of groundwater withdrawn each year: 576,000 gallons
6. The log of formations encountered in the drilling of each well if available: 159 feet - clay and boulders, cement gravel 159 to 167 water-bearing gravel
7. The construction of the well, wells, or other works for withdrawal of groundwater: completed May 23, 1955 and June 10, 1955
8. The depth of water table: 159 feet to 167 feet
9. The estimated amount of groundwater withdrawn each year: 576,000 gallons
10. The log of formations encountered in the drilling of each well if available: 159 feet - clay and boulders, cement gravel 159 to 167 water-bearing gravel
11. The construction of the well, wells, or other works for withdrawal of groundwater: completed May 23, 1955 and June 10, 1955

Date: T 23 R 22

Signature of Owner
## Declaration of Vested Groundwater Rights

*(Under Chapter 237, Montana Session Laws, 1961)*

### 1. Name, Address, and Location

- **Name of Appropriator:**
- **Address:**
- **Town:**
- **County:**
- **State:**

### 2. Beneficial Use

- The beneficial use on which the claim is based.
- How continuous the use has been since.

### 3. Groundwater Appropriated

- The amount of groundwater claimed (in miner's inches or gallons per minute).
- If used for irrigation, give the acreage and description of the lands to which water has been applied.

### 4. Point of Appropriation

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

### 5. Well Information

- The date of commencement and completion of the well, wells, or other works for withdrawal of groundwater.
- The depth of water table.
- So far as 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. Estimated Amount

- The estimated amount of groundwater withdrawn each year.

### 7. Other Information

- 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 and Date

- Signature of owner.
- Date.

---

The 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, blank state, otherwise the form will be returned.

*This form is to be submitted 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 GROUNDFWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation

By Mgriffir

M. L. R

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater, completed, and date well started:

Date well started: APS 12, completed: AEP 57.2-963.

Owner:

Address:

Driller:

Driller's License Number

Driller's Signature

Date well started: APS 12, completed: AEP 57.2-963.

Water Use: Domestic Q Municipal • Other • Irrigation D Industrial Q Drainage • Stock Q

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shite, 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.

Static Water Level for non-flowing Well

Shut-in Pressure for Flowing Well

Discharge in gal. per min. of flowing well

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.

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.

22456
10, 276

UNITED STATES DISTRICT COURT

CHARGED ON THE 27TH DAY OF JULY A.D. 1863 AT 12 O'CLOCK P.M.


Re: ____________________

By ____________________
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATE 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 Name
For Administrator, Use"
Address

Date well started
Date well completed
Type of well
Equipment used

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

Surface Water Supply:
- From
- To

Groundwater Supply:
- From
- To

Pumping water level:

- Measured minutes after pumping began.

- Measured from ground level.

Well developed by...
for...

Power:

Remarks:

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
Each small square represents 40 Acres.

Driller's Signature
Driller's Address

LICENSE NO...S+S.
Appropriation by Means of Veil
(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater

Date well started - 15, 1964 Date Completed

Type of well

Water Use:

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.

Static Water Level for non-flowing Well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

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, \( V \) used for irrigation)

ME 28H-R 22

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

Land

HOARD 

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

\( ^* \) Use answer all questions. If not applicable, so justify. \( ^* \)Ge: the County Clerk and Recorder: dupli cata t 4 the State Engineer: Triplicate to the School of Mines and Quadruplicate for the Appropriates.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATERS 00D1
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

J/A (Under Chapter 237, Montana Session Laws, 1961)

Owner
Address

Date of Notice of Appropriation of Groundwater

Type of well
Equipment Used
(dig, driven, bored or (Churn, drill, rotary or drilled)

Water Use
Domestic • Municipal • Other D Irrigation Q
Industrial Q Drainage Q Stock Q

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 length to which water rises in the well.

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Waterstat</th>
<th>/MPH</th>
<th>Pumping Water Level</th>
</tr>
</thead>
</table>
| Static Water Level for non-flowing Well
Shut-in Pressure for Flowing Well
Discharge in gal. per min. of flowing well
Length of Test pumped
Remarks: (Gravel packing, cementing, packers, type of ann'toff, 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)
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. 

Kalspell
(Name of Appropmtator)

County of __________ State of ____________

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: ___________

3. Date or approximate date of earliest beneficial use; and how continued: About 1335, and used continuously an

4. The amount of groundwater claimed (in miner's inches or billions of 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:

Owner Slice "mat, ENE1 Sec. U, 28-22 79 acres.

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

Well No. 2 is pressure pump, Vilo .^ .^ .^ id from springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well No. 2 about 1902 and completed then.

8. The depth of water table: ___________

9. The estimated amount of groundwater withdrawn each year: ___________

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

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 court record:

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

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

Owner: [Name] Address: [Address]

Date of Notice of Appropriation of Groundwater

Date Well started: [Date]
Date Completed: [Date]

Equipment Used: [Type of equipment]

Static Water Level for non-flowing Well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in 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)

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.

Ordinal to the County Clerk and Recorder: duplicate to the State Engineer. Triplicate to the School of Mines and Quadruplicate for the Appropriator.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montane 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: 
Address: 
Date well started: 
Type of well: 
Equipment used: 
Water Use: Domestic - Municipal - Stock - Irrigation - 
Industrial - Drainage - Other - Garden/Lawn - 
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 

Static water level... JQ3.
Pumping water level... 392.

at 50... mg, gallons per minute, measured... minutes after pumping began.

Measured from ground level.

Driller: 
Signature: 
Address: 
County: 
License No.

Show exact depth of bottom.
fiortet tfeUa in tich® «ifu en 1M d f t l upon to produce elrser n s d frw w U r
31Mr after y»r as long as t&nor «ra not wtiximilt l*** -UMV dmtU W W M H I
at ratM not in imp— of $0 bo 60 ptorent of Vbm UaimA s«Bl<r c® 9®» azpdte.
Declaration of Vested Groundwater Right*, (Under Chapter 237, Montana Session Laws, 1961)

1. HOWARD ARMSTRONG

I 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: HOISSK&B*. LAIR MADE. QARDIG

3. Date or approximate date of earliest beneficial use, and how continuous the use has been, 9:^^:*^H^*

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

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

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

7. The date of commencement and 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

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

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 75 of the Code of State Regulations)

Date of Appropriation of Groundwater
OWNER
Address
Contractor (if any)
Address of Contractor
Date Started, Date Completed
Describe means of obtaining groundwater without a well as by sub-irrigation and other natural processes
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If used
Indicate point of appropriation and place of use, if possible.

Signature of Owner
Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
OFFICE OF STATE ENGINEER

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

Route 42
Owner: B0, Boat, Blistad, 111 Address: 1111

Driller: John S. OYO, 111 Address: 1111

Date of Appropriation of Groundwater

Date well started: July 27, 1967
Date completed: 111

Type of well: Bored
Equipment used: Churn drill, rotary or drilled

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]

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

Static Water Level for non-flowing Well: 111 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 111 feet
Discharge in gal. per min. of flowing well

How Tested: Length of Test: 111
Remarks: (Gravel packing, cementing, peckers, 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 at 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.

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.
## Montana Groundwater Appropriation Form

### Name of Appropriator:

<table>
<thead>
<tr>
<th>Address</th>
<th>Town</th>
<th>County</th>
</tr>
</thead>
</table>

**Move appropriated groundwater according to Montana laws in effect prior to Jan. 1, 1962.**

<table>
<thead>
<tr>
<th>T/A Name of Beneficiary Use</th>
<th>Which the claim is issued</th>
</tr>
</thead>
</table>

2. T/A Sene's citi use -- which the claim is issued

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

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

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

6. Indicate point of appropriation & place of use. Each square indicates 10 Acres.

7. Date of completion of construction of well, wells, or other works for withdrawal of groundwater

8. Depth of Water Table

9. As it may be available, type, size, depth, or other means of withdrawal

10. Estimated amount of groundwater withdrawn each year

11. The log of conditions encountered in drilling each well (if available)

12. Other information useful in carrying out policy if this act, including Book & Page of any county record

---

**Signatures**

**Date**

---

Copies to: filed by owner's clerk & recorder in county where is located.

Placed under seal of state. Any Questions, if none, please state.

Signed to Co. Clerk, Recorder, State Engineer, Triplicate to School & H. Miner's Aid. All Questions, if none, please state.

Signed to Co. Clerk, Recorder, State Engineer, Triplicate to School & H. Miner's Aid. All Questions, if none, please state.

Signed to Co. Clerk, Recorder, State Engineer, Triplicate to School & H. Miner's Aid. All Questions, if none, please state.
**Notice of Completion of Groundwater Appropriation by Means of Pumping**

(Under Chapter 237, Montana Session Laws 1961)

Driller: 5^>^ t/V^C^<2^ address ^ S ~ ^ ~ ^ •

Date of Notice of Appropriation of Groundwater...

Date well started /f^/f& Date Completed <^•^/f^/f y^.

Type of well: SAJJL&drilled Equipment Used: OLCLLJAJdrilled (dug, driven, bcred or drilled) (Chum, drill, rotary or other)

Water use: Domestic Z Municipal • Stock • Irrigation J^ Industrial C Drainage • Other J^M

Z. Indicate on the diagram the character and thickness of the different strata met 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.

Static Water Level for non-flowing Well... feet.

Shut-in Pressure FT Flowing Well,
rumpins? Water Level: / feet at Z gal. per minute.

Disch.-r.e in gal, per mm. of flowing well, How Tested: ^J^/g/ Length of Test ^•^/f^.

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)

Driller: .&-mze Number / Driller's Signature /

This form to be precured by ir.-iler. and three copies; • • 4 I .ed oy he? owner with the County Clerk and Recorder in the county in which me vez or Locator

Please answer all questions. If nut applicable, so yaze. •rcv. => the 'orr. will be returned.

Original to the County Clerk and Recorder: duplicate • • • S^e Engineer: Triplicate to he School of Mines and Quadruplicate for the Appropriators.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELLS

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.

--- Table ---
<table>
<thead>
<tr>
<th>Owner:</th>
<th>Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Date well started
completed
Type of well: UTU.M (Drilled, bored or drilled)
Equipment used
Water Use: Domestic Q Municipal Q Stock Q Irrigation Q Industrial Q Drainage Q Other Q Garden/Lawn Q

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>Static water level</th>
<th>ft.</th>
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<tbody>
<tr>
<td>Pumping water level</td>
<td>ft.</td>
</tr>
<tr>
<td>Measured</td>
<td>minutes after pumping began.</td>
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</tbody>
</table>

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 Signature
Driller's Address

She's exact depth of bottom
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961)

Country of proprietary
Address
(Town)

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

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<th>7.</th>
<th>8.</th>
<th>9.</th>
<th>10.</th>
<th>11.</th>
<th>12.</th>
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<td><strong>Name of Proprietary</strong></td>
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</tbody>
</table>

- The beneficial use on which the claim is based.
- The approximate date of the earliest beneficial use, and how continuous the use has been.
- The amount of groundwater claimed (in miner's inches or gallons per minute).
- If used for irrigation, give the acreage and description of the lands to which water has been applied and the name of the owner thereof.
- The date of commencement and completion of the construction of the well, or other works for withdrawal.
- The depth of the water table.
- So far as it may be available, the type, size and depth of the well or the general specifications of any other works for the withdrawal of groundwater.
- The estimated amount of groundwater withdrawn each year.
- The log of formations encountered in the drilling of each well if available.
- Such other information of a similar nature as may be useful in ascertaining the policy of this act, including reference to book and page of any county record.

Three copies to be filed by the owner with the county 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 and Recorder; duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriate.
Declaration of Vested Groundwater Right

(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropriator) (Address) (Town) (County of appropriation) (State of appropriation) 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,

3. Date of earliest beneficial use, and how continuous the use had been

4. The amount of groundwater claimed (in miner's inches or 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. Indicate point of appropriation

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

8. The depth of water table

9. So far as it may appear, the kind, size 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 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 any county record of any county

Three copies to be filed by the county clerk or the county 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

Notice of Completion of Ground water
Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

| Address of Notice of Appropriation | Date of Notice of Appropriation
|------------------------------------|----------------------------------|
| Driller's License Number           | Required 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.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) ____________________________
(Address) __________________________________________

County of ____________________________ State of Montana

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

1. Description of ground use on which the claim is based:

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

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

4. The amount of groundwater claimed (in miner's inches or 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:

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 irrigation water withdrawn each month:

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 ____________________________

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
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Law, 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: ____________
Address: ____________

Date well started: ____________
Completed: ____________

Type of well: ____________
Equipment used: ____________

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

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

Well developed by ____________ for _______ hours.

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

STATISTICAL DATA

Wrap time: _______ hours.

Static water level: _______.
Pumping water level: _______.

Well developed by ____________. Power, 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: ____________
Driller's Signature: ____________

County: ____________

STATE: ____________

LICENSE: ____________

LICENSING AUTHORITY: ____________
STATE OF MICHIGAN
COUNTY OF MICHIGAN

Filed on the day of__19__ at __:00 AM, in the Circuit Court for the County of__.

By __, Circuit Judge.

By __, Deputy Circuit Judge.

By __, Deputy Circuit Judge.
STATE OF MONTANA
ADVISOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (Address) (Town) County of State of 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

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

3. The amount of groundwater claimed (in miner's inches or 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

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

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 logs 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

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 i.r.d Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
All end singular that certain piece and parcel or tract of land, situate, being and lying in the South Half of the Southeast Quarter of Section 12, Township 2b North, Range 22 West, said being a part of a parcel of land described as follows:

Beginning at a point on the Northern boundary of U. S. Highway No. 2, said point being 120 feet west is a point 25 feet north at the quarter corner corner to Sections 12 and 13 of Township 2b North, Range 22 West; thence North and at a right angle to the center line of U. S. Highway No. 2, 196 feet to a point; thence South 89' 50' West 125 feet to a point; thence South 89' 50' East 75 feet to a point; thence North 89' 50' East 125 feet to the place of beginning.
STATE OF MONTANA
ADMINISTRATIVE OFFICE OF GROUNDWATER CODES

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1361)

(Name of Appropriator) (Address) (Town)

County of State of

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

9. The beneficial use on which the claim is based is:

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

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

5. It is 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:

8. The depth of water table:

9. So if available, the type, size end depth of each well or the general specifications of any other work 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 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.
£&ty......
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’s Address: 3b″dXyJ-2-5Af-A...[File/C#3/ ...]

Date well started: 1/1/62

Type of well: J / M (Drill, driven, bored or drilled)

Equipment used: Y (Chug, rotary or other)

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

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

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

Each small square represents 40 acres.

Driller’s Address: JXK^+^L^z.~JX~L^ENSENO...[Id. ...]
STATS OF KCMTA

57. \( <b, A.. \)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

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 Name: A. B. C. D.
Address: E. F. G. H. I.

Date well started: J. K. L. M. N. O. P. Q.
Completed: R. S. T. U. V. W. X.

Type of well: (Dug, driven, bored or drilled)
Equipment used: (Chain, etc.)

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

Describe: (If used for irrigation, industrial, drainage or other. Explain)

Top of Ground: (e.g., 100 ft. below ground level)

Levees: (If present, describe)

Driller's Signature: X. Y. Z.


SO? & 3
Declarartion of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eaces &amp; Harris</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based

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

4. The amount of groundwater claimed (in miner's inches or 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 depth of water table

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: P.xemb.fn.JQpr...[563]......

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 for the Administrator.
**Notices of Completion of Groundwater Appropriation by Means of Well**

*Under Chapter 207, Montana Session Laws, 1961*

**Owner**

**Driller**

**Date of Notice of Appropriation of Groundwater**

**Date Well Starts**

**Type of Well**

**Equipment Used**

**Water Use**

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, alluvial, gravel, rock or land, etc.**

**Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.**

**Static Water Level for non-flowing Well...**

**Shut in Pressure for Flowing Well...**

**Pumping Water Level...**

**Discharge in gal. per minute.**

**Remarks: Gravel packing, cementing, pack, etc. of informant, location of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation.**

---

This form to be prepared by driller, and three copies 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, indicate 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
COUNTY OF HATHEAD

Filed on the day of January, A.D. 1970, at

Clock #M

Comit Ceuk and Reardr

Diver
Declaration of Vested Groundwater Rights - 1964

(Under Chapter 237, Montana Session Laws, 1961)

1. The beneficial use on which the claim is based.

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

3. The amount of groundwater claimed (in miner's inches or 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.

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

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.

8. The depth of water table.

9. So far as 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 or other public record or private contract, deed, lease or permit which shows the location and extent of the withdrawal of groundwater.

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

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: ____________________________

Date well started: ____________________________

Date completed: ____________________________

Well: ________ ft. PI.

Equipment Used: A A /t/h/j/c^y+rU^a^.

Well used: Domestic & Municipal Q Stock Q 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.

Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

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

Static Water Level for non-flowing Well: ____________________________ feet.

Shut-in Pressure for Flowing Well: ____________________________

Pumping Water Level: ____________________________ gal. per minute.

Discharge in gal. per min of flowing well: ____________________________

How Tested: Z ^ v ^ V / . . . . . . Length of Test ^ f y ^ L ^ ? . . . . . .

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).

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.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>(Name of Appropriator)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
</table>

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.

2. The date or approximate date of earliest beneficial use, and how continuous the use has been.

3. The amount of groundwater claimed (in. miner's inches or 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.

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

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 withdrawing 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 paper of any county record.

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.

Final to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and a copy to the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

Under Chapter 237, Montana Session Laws, 1961

Owner: J. M. Shilling
Address: 1214 W. 17th St., Missoula, Montana

Date of Notice of Appropriation of Groundwater: May 20, 1966
Date Well Started: July 25, 1955
Date Completed: July 25, 1966

Well Information:
- Type of Well: Drilled
- Water Use: Municipal
- Water Source: 60 F. Clay
- Static Water Level for Flowing Well: 46 ft.
- Shut-in Pressure for Flowing Well: 17 ft.
- Pumping Water Level: 46 ft.
- Discharge in taf.: 1 gpm
- How Tested: Bail
- Length of Test: 6 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)

Depth Table:

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-17</td>
<td>Surface, Bottom, Hone</td>
</tr>
<tr>
<td>18-25</td>
<td>Gray Conglomerate</td>
</tr>
<tr>
<td>26-66</td>
<td>BGM, Gravel, Silt</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 46 ft.

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
ADMINISTRATIVE OFFICE OF STATE ENGINEER

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

County 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

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

4. The amount of groundwater claimed (in miner's inches or 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

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

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.

*ri*naal to the County Clerk and Recorder; duplicate to the State Engineer. Triplicate to the Montana Bureau of MIT-S and QuadriPLICATE for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(With Chapter 113, Montana Session Laws, 1961)

Owner: JJ-GM Mulflan. Address: 

Driller: Jy/e/TeW/V Address: 

Date well started/3rc. Date Completed: 

Type of well: Drilled. Equipment Used: Churn, drill, rotary or other. 

Water Use: Domestic, Municipal, Other, Irrigation. 

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 the height to which water rises in the well. 

Static Water Level for non-flowing well: 

Shut-in Pressure for Flowing Well: 

Pumping Water Level: feet at gal. per minute. 

Discharge in gal. per min of flowing well: 

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). 

Driller's License number: 

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 CWk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and QuadruDlicate for the ADTrorrator.
STATE OF MONTANA
ADMINISTRATOR 07 GROUNDWATER CODE

Declaration of Vested Groundwater Rights

JAN Q %$$ W

(Under Chapter 237, Montana Session Laws, 1961)

Mlt ENGINEER

County Z

1. [Name of Appropriator] (Address) (Town) 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:

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

4. The total groundwater claimed (in miner's inches or 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 point of withdrawal of water from the ground and the location of each well:

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:

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 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.

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.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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.

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

3. The amount of groundwater claimed (in miner's inches or 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.

5. The point of appropriation and place of use, if possible.

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.

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 of the owner thereof.

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

Owner: [Name and Address]

Driller: [Name and Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]

Date completed: [Date]

Type of well: [Type, e.g., driven, bored, or drilled]

Equipment Used: [Type, e.g., churn, drill, rotary, or other]

Water Use: [Indicate type, e.g., domestic, municipal, stock, irrigation, industrial, drainage, or other]

Strata met with in drilling: [List, e.g., soil, clay, shale, gravel, rock, sand, etc.]

Character and thickness of water-bearing strata: [Indicate depth, thickness, and character of water-bearing strata and height to which the water rises in the well]

Static Water Level for non-flowing well: [Depth in feet]

Shut-in Pressure for Flowing well: [Pressure in feet]

Pumping Water Level: [Depth in feet]

Obcharge in gals. per min. of flowing well: [Rate in gals. per minute]

How Tested: [Indicate test type, e.g., i.e. static, i.e., flow test, etc.]

Length of Test: [Duration in days or hours]

Remarks: [Include 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.

Driller's Signature:

Driller's License Number:

This form to be prepared by driller and three copies are 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, leave blank. Otherwise, this form will be returned.

Original to the County Clerk and Recorder; dupe to State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA

COUNTY OF FLATHEAD

Filed on the day of, hereby.
A.D. 19

By

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

1. State of Montana

County of

Declaration of Vested Groundwater Rights

Appropriator

Address

(Town)

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

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

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

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

8. The depth of water table

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

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.

File X or 3w-« T

County of JLI jfl.

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER
Notice of Completion of Groundwater Appropriation by Means of Well

Date of Notice of Appropriation of Groundwater

Type of Well: Drilled
Equipment Used: Drilling rig

Water Use: Domestic

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.

- Static Water Level for non-flowing Well
- Shut-in Pressure for flowing Well
- Pumping Water Level
- Discharge in gal. per minute
- How Tested
- Remarks: TGravel 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 use is for irrigation.

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

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.

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 MONTUECA

CITY OF HUNTINGTON

Filed on the 9th day of October, 1929

Construed

pv—CoccasionofAaeordw
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.

Driller's Signature __________________________

Driller's Address __________________________

LICENSE NO. __________ Show exact depth of bottom.

--- Table ---

<table>
<thead>
<tr>
<th>Driller's Name</th>
<th>A:....Ask...JSLCSSm.</th>
<th>Owner A:.... Ask JSLCSSm.</th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Administration</td>
<td>Owner Address</td>
<td>Owner Address</td>
<td>Owner Address</td>
</tr>
<tr>
<td>Top of Ground</td>
<td>3' 7&quot; TJF-J-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date well started</td>
<td>June 3 1962</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date well completed</td>
<td>June 3 1962</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug, driller, built or drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td>(Cham drill, ramjet or other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Use</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
<td>Other</td>
<td>Garden/Lawn</td>
</tr>
</tbody>
</table>

--- Table ---

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<tr>
<th>Driller's Name</th>
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<th>Owner A:.... Ask JSLCSSm.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>For Administration</td>
<td>Owner Address</td>
<td>Owner Address</td>
<td>Owner Address</td>
</tr>
<tr>
<td>Total Drilled</td>
<td>73'2.5&quot;</td>
<td>73'2.5&quot;</td>
<td>73'2.5&quot;</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>73'2.5&quot;</td>
<td>73'2.5&quot;</td>
<td>73'2.5&quot;</td>
</tr>
<tr>
<td>Mean Level of Ground</td>
<td>73'2.5&quot;</td>
<td>73'2.5&quot;</td>
<td>73'2.5&quot;</td>
</tr>
</tbody>
</table>

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<table>
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<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Administration</td>
<td>Owner Address</td>
<td>Owner Address</td>
<td>Owner Address</td>
</tr>
<tr>
<td>Driller's Signature</td>
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<tr>
<td>Driller's Address</td>
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</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town) County of Elkhorn State of Montana

I 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. 

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

4. The amount of groundwater claimed (in miner's inches or 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. 

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 ground water withdrawn each year. 

11. The log of formations encountered in the drill line 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 

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

Declaration of Vested Groundwater Right; **
(Under Chapter 237, Montana Session Laws, 1961)

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

1. Name of Appropriator:

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

3. Date or approximate date of earliest beneficial use:

4. The amount of groundwater claimed (in miner's inches, or 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 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 other works for 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

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.

File No.: T-21A/IL~(h)>^...

States of Montana
STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Name of Appropriator: Archel L. Hultman
Address: Kalispell
Town: Kalamity

County of Flathead, 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 use and some livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1, 1957; continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 350 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: Ten acres owned.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Approximately 20 feet east of the north boundary close to the center.

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

8. The depth of water table: 151 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: Hot available.

10. The estimated amount of groundwater withdrawn each year: 70,000 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: None.

Signature of Archel L. Hultman
Date: December 30, 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.
<table>
<thead>
<tr>
<th>Date well started</th>
<th>Date completed</th>
<th>Equipment Used</th>
<th>Water Use</th>
<th>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, or show depth at which it is encountered, thickness and character of water-bearing strata and height to which water rises in the well.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(drill, driven, bored or drilled)</td>
<td>Domestic</td>
<td></td>
</tr>
<tr>
<td>30 Ft. Darcy from</td>
<td></td>
<td>(Cham, drill, rotary or other)</td>
<td>Municipal</td>
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<tr>
<td>sandy dune</td>
<td></td>
<td></td>
<td>Irrigation</td>
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<tr>
<td>T, 0, D.</td>
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<td></td>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>30 ft.</td>
<td></td>
<td></td>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Shallow artesian</td>
<td></td>
<td></td>
<td>Stock</td>
<td></td>
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</tbody>
</table>

Static Water Level for non-flowing Well ............. 30 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 90 feet at 100 gallons per minute.

Discharge in cal. per min. of flowing well

How Tested: Ball test, Length of Test: 4000 feet.

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.

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 QuadruDricator for the ADDrOxOiator.
STATE OF MONTANA
ADM. STRATOR OF GROUNDWATER COO.
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237, Mont. 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

Address

Date well started

Type of well

Equipment used

Water Use

*Describe

USE:

ESTIMATED ANNUAL WITHDRAWAL

PERFUSIONS

Static water level

Pumping water level

Well developed by

Power

Remarks:

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE

EACH SMALL SOL. 1 REPRESENTS 40 ACRES

Driller's Signature

Driller's Address

LICENSE NO

Show exact depth of bottom
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation (Name of AppropriaUr) (Address) (Town)

I 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. 

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

4. The amount of groundwater claimed (in miner's inches or 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. 

8. The depth of water table. 

9. So far as it may be available, the type, size, and depth of each well, if 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 

Date 

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

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

[Tenant Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Engineering and Quadruplicate for the Appropriate.]

*3* + 1
File No. ...........................................

T. L. 1E, II, JB, L. L, T. L, 1E, ........................

STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER CODE:
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (Address) (Town)
County of—State of—

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

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—

4. The amount of groundwater claimed (in miner's inches or 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—

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...

10. The estimated amount of groundwater withdrawn each year—

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

Three copies 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/Driller (Under Chapter 237, Montana Session Laws, 1961)

Owner: LBSardBleba
Address: 1818, QHTR
Driller/Engineer: JWang
Address: 1818 S, QHTR

Date of Notice of Appropriation of Groundwater

Date well started: July 25, 1963
Date completed: August 3, 1963

Type of well: Drilled
Equipment used: Churn drill

Water use: Domestic

Strata met with in drilling:
- Soil
- Clay
- Shale
- Gravel
- Rock

Depth at which water is encountered: 3025 ft.

Static water level for non-flowing well:

Shut-in pressure for flowing well:

Pumping water level:

Discharge in gal. per minute:

How tested:

Remarks:

Irrigation

Area irrigated, if used for irrigation:

Number of acres irrigated:

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

Show exact depth of bottom.

Driller's Licence 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

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.

Alfred and Jacqueline

Date well Parted __Mar__3 1972. GW__
completed __Mar__22 1972.

Type of well:________grilled________
(Dug, driven, bored or drilled)

Equipment used __?___?
(Chin drill, rotary or other)

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

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). Irrigate 1.5 acres

ESTIMATED ANNUAL WITHDRAWAL....`970.00 gal.

Static water level...
Pumping water level...
Measured from ground level, developed by... 
PBBR

Powerline:
Remarks: (Gravel packing, cementing, Packers, type of shutoff) All, Water

LEFT TO ENTERING, WELL TUNITED PPM.

INDICATE LOCATION OF WELL AND PLACE OF USE, E; N; W; E.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature __Js_S.V.*__
Driller's Address __Oute 2.__
Cest'd

clear saai free water year af sr year as lone as they acre not overea†ed, i.e.,
the' aboul1 be pumped at rates not in excess of 50 to 60 percent of the tested
capacity of' the a†odfer.
STATE OF MONTANA
AJDInSHRATOB 0? GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, ___________________________, of _____, Montana, have appropriated groundwater according to the Montana law in effect prior to January 1, 1962, as follows:

1. Name of Appropriator
2. Address
3. Town
4. County
5. State

The beneficial use on which the claim is based:

- Domestic
- Irrigation

Date or approximate date of earliest beneficial use:

Continuous since: ________________

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

20.140

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

Does not apply

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

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

Well and pump

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

1935

The depth of water table:

15 feet

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:

Val-Haa, 1" b.Lee Rook, filled, and water cones thrown, 1 inch pipe, 12 feet long.

The estimated amount of groundwater withdrawn each year:

30,000

The log of formations encountered in the drilting of each well if available:

Top, aoi pure clay, aad, clay, 1" Z11 ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ ZZ Z