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

Owner: Mert Hansen
Address: Saco
Driller: Carl Palm
Address: Saco

Date of Notice of Appropriation of Groundwater:

Date well started: 10/1/77  Date Completed: 10/29/77

Type of well: Drilled
Equipment Used: Churn

Water Use:
- Domestic
- Municipal
- Other
- Irrigation
- Industrial
- Drainage
- Stock

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole:</th>
<th>Size and Weight of Casing:</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6.1&quot;</td>
<td>Top</td>
<td>6.8</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6.6 feet.
Shut-in Pressure for Flowing Well: 12 gal. per minute.
Pumping Water Level: 7 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Pumping Length of Test: 3.6 ft.

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):

S.E. 1/4 NW 1/2, Sec. 7, T. 31, R. 84

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

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

STATE ENGINEER

1. Wallace S. Blue of Saco
   (Name of Appropriator) (Address)
   County of Phillips, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1950 continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 172 gals per min.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: no

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

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

   8. The depth of water table: 8 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 inch casing (iron) drilled well

   10. The estimated amount of groundwater withdrawn each year: unknown

   11. The log of formations encountered in the drilling of each well if available: 0-6 Gunite 6-42 30/17 Blue Clay 43-60 Sand 60-45 Concreted Sand 45-86 Gravel Sand & gravel

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

   Signature of Owner: Helen S. Blue
   Date: May 7, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Everett B. Scott, of 5201 Mont
   (Name of Appropriator) (Address) (Town)
   County of Phillips State of Mont
   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.

Signature of Owner: Everett Scott
Date: Dec 20, 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.

17996
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

County of Phillips, 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: Advert-Supply

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 Gal.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not for Irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1946—June 1999

8. The depth of water table: 80 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6" Calv. casing, Depth 80' and 82'

10. The estimated amount of groundwater withdrawn each year: 7,000,000

11. The log of formations encountered in the drilling of each well if available:
   - 0-8' Gravel
   - 8-54' Clay
   - 54-78' Sand & Water = Wells approximately the same

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:

TOWN OF SACO
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.
State of Montana,
County of Phillips,
Filed for Record this... day of... A.D. 1963 at 3:00 o'clock P.M., and duly recorded in book...

By...
Fax: 001...
Return...
<table>
<thead>
<tr>
<th>Owner</th>
<th>Time ap Saco</th>
<th>Address</th>
<th>Saco</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Carl P.</td>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>6/10/59</td>
<td>Date Completed</td>
<td>6/12/59</td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>31 N. R. 74</td>
<td>sec.</td>
<td>5 C. Ty. Linn.</td>
</tr>
</tbody>
</table>

**Type of well:** Drawn (Dom. driven, bored, or drilled)

**Equipment used:** Churn drill (Shale drill, rotary, other)

**Water use:** Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

**Casing:** Top [78.4] ft. to [ ] ft. Type: [ ] Size: [ ]

**Casing:** [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

**Perforated or Screened:** [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** [ ] feet.

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

**Pumping water level:** [ ] feet at [ ] gal. per min.

**How tested:** Pumping

**Length of test:** [ ]

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

**Gravel packed from [ ] to [ ].
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 8</td>
<td>Gumbo</td>
</tr>
<tr>
<td>8 - 55</td>
<td>Clay</td>
</tr>
<tr>
<td>55 - 78</td>
<td>Sand + water</td>
</tr>
<tr>
<td>78 - 83</td>
<td>Course sand + water</td>
</tr>
<tr>
<td>83 - 94</td>
<td>Course sand, Branch + water</td>
</tr>
</tbody>
</table>

Mic 1/10/83

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONSERVATION
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1962
(Under Chapter 227-Montana Session Laws, 1961, as amended)

Owner: Malvin Hansen
Address: Space

Driller: Carl Pahn
Address:

Date of Notice of appropriation of groundwater:

Date well started: 6/12/70 Date completed: 6/12/70

Type of well: Drilled Equipment used: Chisel

(Dug, driven, bored or drilled) (Chisel 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

Shut-In Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Pumping

Length of Test: 2 hr

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

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

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

Show exact depth of bottom.

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, these copy to be retained by driller.

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

Driller's License Number

Driller's Signature

12 feet

at 12 gal. per minute.

2 hr

(Continue on reverse side)
# Notice of Completion of Groundwater Appropriation by Means of Well

**Developed After January 1, 1962**

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

**Owner:** Dan Shipp  
**Address:** Saco

**Driller:** Carol Palm  
**Address:**

<table>
<thead>
<tr>
<th>Date of Notice of appropriation of groundwater</th>
<th>Date well started</th>
<th>Date completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/27</td>
<td>11/25/68</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled  
**Equipment used:** Churn

**Water use:** Domestic □  Municipal □  Stock □  Irrigation □  Industrial □  Drainage □  Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Chisel</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PUMPING</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4&quot;</td>
<td>Top 67</td>
<td>67</td>
<td></td>
</tr>
</tbody>
</table>

- **Static Water Level** for non-flowing well:
  - 13 feet

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

- **Pumping Water Level** at 12 gal. per minute.

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

- **How Tested**: PUMPING

- **Length of Test**: 2 Hr.

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

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

**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).

**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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: E. F. Bradshaw, Address: 2304 E. 20th St.
Driller: Joel Faile, Address: 2304 E. 20th St.
Date Started: 6/10/61, Date Completed: 6/11/61
Location: Sec. 18, T. 31 N., R. 34 E., 3/4 sec. SE 1/4 of NE 1/4

Type of well: Drilled
Equipment used: Chisled

Water use: Domestic [ ] Municipal [ ] Stock [x] Irrigation [ ]
Industrial [ ] Drainage [ ] Other: [ ]

Casing: Top ft. to 70 ft. Type [ ] Size: 6"
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:
Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations:
Static Water level, for non-flowing well: 1/2 feet.
Shut-in pressure, for flowing well: lb./sq. in.: (date)

Pumping water level: 70 feet at 10 gal. per min.

How tested: Dewatering

Length of test: 10 ft.

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

(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: L. A. Brooks
Address: 
Driller: Carl Palm
Address: 
Date Started: 11/11/71
Date Completed: 12/11/71
Location: Sec. 10, T. 31, R. 34, 44 sec. SE 1/4 NE 1

Type of well: 
Equipment used: 

Water use: Domestic □  Municipal □  Stock ☑  Irrigation □
Industrial □  Drainage □  Other: 

Casing: " A " ft. to 72 ft. Type: " A " Ste: 6" 
Casing: ft. to ft. Type: Ste
Casing: ft. to ft. Type: Ste

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 16 feet
Shut-in pressure, for flowing well: lb/sq. in. on:

Pumping water level: 70 feet at 10 gal. per min

Flow tested: 

Length of test: 

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>Gumbo</td>
</tr>
<tr>
<td>3 - 56</td>
<td>Sand yellow clay</td>
</tr>
<tr>
<td>56 - 66</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>66 - 70</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>Depth (ft)</td>
<td>From</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
</tr>
<tr>
<td>10</td>
<td>54</td>
</tr>
<tr>
<td>30</td>
<td>56</td>
</tr>
<tr>
<td>59</td>
<td>58</td>
</tr>
</tbody>
</table>

**Description of Material Drilled**

- 54' - 56' Sand gravel, mixture
- 56' - 60' Blue Clay
- 60' - 70' Sand gravel, mixture
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

1. Alice Countyman, of Lacs
   County of Phillips, 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: 1925

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1925 to 1929

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 gal

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 10 acres

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: about 1925

   8. The depth of water table: 40 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4 1/2 ft deep 6 ft stilling

   10. The estimated amount of groundwater withdrawn each year: 92,750

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: 1

   Signature of Owner: Alice Countyman
   Date: Feb. 14, 1962

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

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

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

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

1. Hans Martin (Name of Appropriator) of Seco, Montana (Address) (Town)

County of Phillips State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1951 used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 gallons per minute

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

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

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

8. The depth of water table. 32 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled, 6 in. iron casing, 40 ft. deep

10. The estimated amount of groundwater withdrawn each year. 900,000 gallons

11. The log of formations encountered in the drilling of each well if available. 1-38 ft. clay, 31-40 ft. gravel

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

Signature of Owner. Hans Martin

Date Jan 1, 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.
State of Montana,
County of Phillips, 

Filed for Record 42, 23rd day of June, A.D. 1923, by

[Signature]
Recorder

By

Fee: 10.

Notes:
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Alice L. Lofgren, ot. 

(Name of Appropiator) 

County of 

(Address) 

(Town) 

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, 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 

1949 Continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 720

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

Electric pump

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

July 1949

8. The depth of water table 59 ft

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

Drilled 60 ft, jet dug 24 ft, steel casing

10. The estimated amount of groundwater withdrawn each year 92,250

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

9-17 light sand

19-29 sand

49-68 gravel

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

Signature of Owner Alice Lofgren

Date 2/14/62

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Don Shipp</td>
</tr>
<tr>
<td>Driller</td>
<td>Carl Palm</td>
</tr>
<tr>
<td>Date Started</td>
<td>7/11</td>
</tr>
<tr>
<td>Date Completed</td>
<td>7/12/61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 33 T.31 R.34 Sec. 26</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn</td>
</tr>
<tr>
<td>Water use</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing: Top to Top</td>
<td>Type C10 60 10 Size 4 1/2 10</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>From ft. to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>42</td>
</tr>
<tr>
<td>Shut-In pressure, for flowing well</td>
<td>20 lb./sq. in.</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>85 ft. at 10 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>1 1/2 x 1 1/2</td>
</tr>
<tr>
<td>Length of test</td>
<td>1 1/2 x 1 1/2</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Dan Shipp  Address: Sec 14
Driller: Carl Palm  Address: Sec 14

Date Started: 7/11  Date Completed: 7/23/10
Location: Sec. 23  T. 3N  R. 34  W. 4 sec. 18 28

Type of well: Drilled
Equipment used: Chains

Water use: Domestic [ ]  Municipal [ ]  Stock [x]  Irrigation [ ]

Industrial [ ]  Drainage [ ]  Other: [ ]

Chaining: To ft. 83 ft.  Type: C; 520; 610; 92; 720

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

Type of screen or perforations:

Static Water level, for non-flowing well: 42 ft.

Shut-in pressure, for flowing well: 50 lb/sq.in. on (date)

Pumping water level: 65 ft.

How tested: gal. per min.

Length of test: 15.6 min.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 2</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2 to 6</td>
<td>Hardpan</td>
</tr>
<tr>
<td>6 to 63</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>63 to 78</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>78 to 82</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>82 to 83</td>
<td>Gravel</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Alice Minshall
Address: 

Date of appropriation of groundwater:
Type of well: Drilled
Equipment used: Churn drill
Water use: 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 the water rises in the well.

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Tools</th>
<th>Pressure at Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0</td>
<td>4.2 x 20</td>
<td>Galv</td>
<td>6.6</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 7 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 10 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well

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

(Continue on reverse side)

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

Show exact depth of bottom.

No. 25

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, times copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Peter Jones</td>
<td>642</td>
<td>235762</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>John Minnigton</td>
<td>642</td>
<td>238527</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Alfred W. Minnigton</td>
<td>644</td>
<td>236560</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: JOHN JAMES
Address: 1234 Main St, Helena, Montana

Driller: SIMPSON DRILLING COMPANY
Address: 567 Driller St, Helena, Montana

Date of Notice of appropriation of ground water: Oct 17, 63
Date Completed: Oct 18, 63

Type of well: Drilled
Equipment used: Rotary
(dug, driven, bored 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. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

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 Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana

Notice of Completion of Groundwater Appropriation by Means of Well

Owner:

Driller:

Date of Notice of Appropriation of groundwater:

Date well started:

Date completed:

Type of well:

Water use:

Indicate on the diagram the character of the water at the approximate elevation at which water is available for use. See note 6.6.6 for determination of water-bearing strata and height to which table may be used.

Indicate on the diagram the character of the water at the approximate elevation at which water is available for use. See note 6.6.6 for determination of water-bearing strata and height to which table may be used.

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 School of Mines and quadruplicate for appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of appropriation of ground water

March 12, 1964. Date Completed, March 30, 1964

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, 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

at

gal per minute.

Flowing Well

How Tested

Length of Test

Remarks:

(Groundwater and other pertinent information, including number of acres irrigated, if used for irrigation)

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

Show exact depth of bottom.

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

1. Alfred M. Munk, of Watson, Phillips County, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use to which the claim is devoted: Farm land.

3. The date or approximate date of earliest beneficial use: July 15, 1920.

4. The amount of groundwater claimed (in inches or gallons per minute): 100 gal. per min.

5. If used for irrigation, the area and description of the lands to which water has been applied: 2 A. W. 44 ft. N. of 5 A. S. E. 44 ft. W. 1/2 A.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Gas engine or well 1/12 B. leased water well 3.

7. The date of commencement and completion of the construction of the well: July 15, 1920.

8. The depth of water table: 30 ft.

9. 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: 2,000,000 gal.

11. The log of formations encountered in the drilling of each well: Ord. sand.

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

Signature of Owner: Alfred M. Munk
Date: 12-23-1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Jake J. Angelone</td>
<td>GW4</td>
<td>234621</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Mrs. Adeline Sparow</td>
<td>1959</td>
<td>224444</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Ada Woppe Stouz</td>
<td>GW4</td>
<td>237001</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Delaware Ranch</td>
<td>GW2</td>
<td>245021</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Selma &amp; Hannah Ramberg</td>
<td>GW4</td>
<td>237083</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Jack &amp; Lorene Raney</td>
<td>GW4</td>
<td>230042</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Carol J. Flatrood</td>
<td>GW4</td>
<td>227011</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Herman Smith</td>
<td>GW4</td>
<td>231016</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Harvey Smith</td>
<td>1960</td>
<td>227020</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Lean Flattom</td>
<td>GW3</td>
<td>235770</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Nathan &amp; Florence</td>
<td>GW4</td>
<td>236571</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Roll Anderson</td>
<td>GW3</td>
<td>242826</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>John F. Kirchick</td>
<td>GW4</td>
<td>234067</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Anna Kehl</td>
<td>GW4</td>
<td>234085</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Landstrom Ranch</td>
<td>GW1</td>
<td>227100</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>M. L. Passine</td>
<td>GW4</td>
<td>236441</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Landstrom Ranch</td>
<td>GW4</td>
<td>237040</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Milly Kangas</td>
<td>1961</td>
<td>229450</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Jake L. Appelhans, of Butte, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1. 1947
   2. 1945

10. The estimated amount of groundwater withdrawn each year:
   1. 400,000
   2. 300,000

11. The log of formations encountered in the drilling of each well if available:
   1. Unknown
   2. Unknown

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

Signature of Owner: Jake Appelhans
Date: Dec 30, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Owner</th>
<th>Mrs. Adolph Freaux</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Simpson</td>
</tr>
<tr>
<td>Date Started</td>
<td>Sept. 10</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Sept. 11, 1959</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 5 T...  R...  30.7  sec. NESW</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment</td>
<td>Shurman Drill (drill, rotary, core)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic [x]</td>
</tr>
<tr>
<td></td>
<td>Municipal [ ]</td>
</tr>
<tr>
<td></td>
<td>Stock [ ]</td>
</tr>
<tr>
<td></td>
<td>Irrigation [ ]</td>
</tr>
<tr>
<td></td>
<td>Industrial [ ]</td>
</tr>
<tr>
<td></td>
<td>Drainage [ ]</td>
</tr>
<tr>
<td></td>
<td>Other [ ]</td>
</tr>
<tr>
<td>Casing</td>
<td>0 ft. to 76 ft.</td>
</tr>
<tr>
<td></td>
<td>Type: Steel</td>
</tr>
<tr>
<td></td>
<td>Size: 4&quot;</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td></td>
<td>Type:</td>
</tr>
<tr>
<td></td>
<td>Size:</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td></td>
<td>Type:</td>
</tr>
<tr>
<td></td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated</td>
<td>72 ft. to 74 ft.</td>
</tr>
<tr>
<td>Type of screen</td>
<td>1&quot; holes drilled in pipe</td>
</tr>
<tr>
<td>Static Water level</td>
<td>30 feet.</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>30 feet at 55 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Bailer</td>
</tr>
<tr>
<td>Length of test</td>
<td>1/2 hour</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>71</td>
</tr>
<tr>
<td>71</td>
<td>75</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator (Address) Dodge
   (Town)
   Phillips
   (County of)
   Montana
   (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 continuous the use has been.
   Dwelling: 1974 Continuous
   1987 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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
   1971 - 1987

8. The depth of water table 35 ft. in sand

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
   The other is 70 ft. deep, with casing one 10 ft. deep and

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

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

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 Dec 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.
Mail. 152773.

237001

Phillips Co.

File 12-31-63

at 10:10 A.M.

Fee $2.25

R.V. Maloney

Clk x Rec.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Owner: 
Address: 
Driller: Simpson Drilling Co 
Address: 
Date of Notice of appropriation of groundwater: 
Date well started: 
Date completed: 
Type of well drilled: 
Equipment used: 
Water use: 

<table>
<thead>
<tr>
<th>Strata Met</th>
<th>Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown sandy clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muddy sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand gravel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Casing</th>
<th>From</th>
<th>To</th>
<th>Static Water Level for non-flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>11'</td>
<td>0</td>
<td>60</td>
<td>18 feet</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 18 feet.

Shut-in Pressure for Flowing Well:

<table>
<thead>
<tr>
<th>Pumping Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 feet</td>
</tr>
</tbody>
</table>

Discharge in gal. per min. of flowing well:

How Tested:

<table>
<thead>
<tr>
<th>Length of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 hours</td>
</tr>
</tbody>
</table>

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

Show exact depth of bottom.

Driller’s License Number: 15

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

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

Selmer & Hannah Ramberg, of Dodson
(Name of Appropriator) (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Stock water
   House & Lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1936, continuous use

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:
   Lawn @ acre
   Field @

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1936

8. The depth of water table: 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled 60 ft. in casing 36 ft.

10. The estimated amount of groundwater withdrawn each year: 700,000 gals.

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

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

   /s/ Hannah Ramberg
   Signature of Owner
   /s/ Selmer Ramberg
   Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Mio 16055
237083

Phillips Co.

Filed 12-31-63
at 11:26 A.M.

Fee $ 2.00

R.V. Maloney

Clerk Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jack Henry & Lorene Henry
(Name of Approutrator) (Address) (Town)
County of Phillips State of Montana

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

2. The beneficial use on which the claim is based—Stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—1936 Continuous since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute)—35 gal per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—1936 - 1 well

8. The depth of water table—10 ft.

9. So far as it may be available, the type, size, and depth of such well or the general specifications of any other works for the withdrawal of groundwater—Drilled type, 114 ft. casing 3 ft. depth

10. The estimated amount of groundwater withdrawn each year—547,500 gallons

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

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

Signature of Owner: Jack Henry
Date: 12-30-63

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

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

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

1. Conrad J. Flatness
   (Name of Appropriator)
   County of Phillips
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: Domestic and Stock water

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1935

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been and name of the owner thereof: None

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric 1½ hp pump

   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: 256 ft below top of ground

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled 6 in steel casing 46 ft. deep

   10. The estimated amount of groundwater withdrawn each year: 730,000 gallons

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

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

   Signature of Owner: /s/ Conrad Flatness
   Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Mie 16073.
237101
Phillips Co.
Filed 12-31-63.
at 11:42 A.M.
Fee $2.00
R. U. Maloney
Clerk & Recorder
### Declaration of Vested Groundwater Rights

**STATE OF MONTANA**  
**OFFICE OF STATE ENGINEER**  

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

1. Harvey Smith, of Dodson, Phillips County, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based.  
   - Domestic & Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   - Dec. 10, 1960 - continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
   - None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
   - Pump (Electric)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
   - Dec. 10, 1960

8. The depth of water table.  
   - 10 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.  
   - churn-drill, 4" Iron & Steel Casing, 172 feet

10. The estimated amount of groundwater withdrawn each year.  
    - Unknown

11. The log of formations encountered in the drilling of each well if available.  
    - 20-25 Brown Shale
    - 20-172 Muddy Sand Shale
    - 172-Gravel - Water

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  
    - Water Well Log Book, p. 15035

Signature of Owner: Harvey Smith  
Date: December 9, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
**WATER WELL LOG**

**Owner:** Harvey Smith  
**Address:** Dodson, Montana

**Driller:** Simpson Drilling Company  
**Address:** Malta, Montana

**Date Started:** Dec 8, 1960  
**Date Completed:** Dec 10, 1960

**Lot:** 5  
**Location:** Sec. 9 T. 30 R. 27 1/4 sec

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>churn drill</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>4&quot; ft. to 172 ft.</th>
<th>Type: Iron &amp; Steel</th>
<th>Size: 4&quot;</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

**Type of screen or perforations**

**Static Water level, for non-flowing well:** 10 feet

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

**Pumping water level:** 40 feet at 25 gal. per min

**How tested:** [value] gal.

**Length of test:** 30 minutes

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

---

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 20</td>
<td>Brown Shale</td>
</tr>
<tr>
<td>20 - 171</td>
<td>Muddy sand shale</td>
</tr>
<tr>
<td>171 - 172</td>
<td>Gravel-Water</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 227, Montana Session Laws, 1961)

Owner: LAVI SHELTON
Address: BODSON, MONTANA

Driller: SIMPSON DRILLING COMPANY
Address: MALZA, MONTANA

Date of Notice of appropriation of ground water: Oct 19, 1963
Date well started: Oct 19, 1963
Date Completed: Oct 25, 1963

Type of well: Drilled
Equipment used: rotary

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

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

<table>
<thead>
<tr>
<th>Depth of Fresh Water (feet)</th>
<th>Weight of Drilling</th>
<th>From Fresh (feet)</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4&quot;</td>
<td>10</td>
<td>163</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 10 feet.
Shut-in Pressure for Flowing Well: 20 feet.
Pumping Water Level: 20 gal. per minute.
Discharge in gal. per min. of flowing well:

How Tested: bailer
Length of Test: one 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)

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 Rec- orderer 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 Appropriator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **NATHAN FRENCH**
   - Name of Appropriator
   - Address: **WAGNER**
   - Town: **ADAMS**
   - County: **PHILLIPS**
   - State: **MONTANA**

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

   2. The beneficial use on which the claim is based:
      - Domestic use
      - For watering livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      - First used in August 1938
      - In continuous use since that time

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
      - Not used for irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      - Pressure well operated by electric motor

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      - Well was commenced and completed in August 1938
      - Hand pump was installed and in 1954, pressure pump was installed and is now operating the well

   8. The depth of water table:
      - 166 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      - 5" steel casing, 166 feet deep. Pump is located on top of casing

   10. The estimated amount of groundwater withdrawn each year:
      - 876,000 gallons per year

   11. The log of formations encountered in the drilling of each well if available:
      - Top soil, clay, shale, gravel

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

   **Signature of Owner:** Nathan French
   
   **Date:** December 23, 1963

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

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

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

Filed for Record this 23rd day of...
A. D. 1961 at 9:40 a.m. and duly entered in book
No. 10.

By...

Fcr.

Return.