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

COUNTY OF SILVER BOW, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:

1. Name, Address & Specific Lot, Subdivision:
   (name of appropriator) (address) (Town)

2. The beneficial use on which the claim is based
   General household purposes and Submersed

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

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

5. If used for irrigation, give the acreage & description of the lands to which water has been applied & 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 powered General Purpose Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Original well 1953 - new well drilled November 1956

8. The depth of water table
   Approximately 10 feet below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Well drilled to depth of 36 feet - 6" casing ground level to 18 feet, 6" casing with 1 1/2" X 3" cline from 18 feet to 36 feet.

10. The estimated amount of groundwater withdrawn each year
    Approximately 350,000 gals.

11. The log of formations encountered in the drilling of each well if available
    The following from top to bottom: 8 feet of mainly clay well, 30 feet of gravelly clay, 85 feet of clay, 16 feet of decomposed granite.

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 Co. record

   Date of Declaration
   State of Montana
   County of Silver Bow

   Lee V. Kelly
   having first been duly sworn, depose & say that he is of
   lawful age and
   of the appropriator and
   claiming of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he does know & the contents of said foregoing notice & that the matters & things therein stated are true.

   Subscribed and sworn to before me this 17th day of January, 1966
   Notary public for the St. of Montana, residing at
   Commission expires

   Sec 34 T.14 R.4 W.M.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

1. NAME OF APPROPRIATOR: A. SULLIVAN
   (Address) Butte, Montana
   (Town)

   County of Silver Bow, 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. The approximate date of earliest beneficiary
      use; and how continuous the use has
      been
      1908

   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

       Web available

   Signature of Owner

   DATE

STATE OF MONTANA
COUNTY OF SILVER BOW)

As having first been duly sworn, I depose and say that the aforesaid having first been duly sworn,

the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name
subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this day of , 19_

Notary public for the State of Montana, residing at

Notary public for the State of Montana, residing at

Notary public for the State of Montana, residing at
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Louis Knows
Address: Ramsey, MT 59347

Driller: O'Leary Drilling Co.
Address: Ramsey, MT 59347

Date of Notice of Appropriation of Groundwater
Date well started: 10-19-63
Date Completed: 10-21-63

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

Water Use: Domestic, Municipal, Other, Irrigation

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>Strata Encountered</th>
<th>Depth from Ground Level</th>
<th>Water Use</th>
<th>Water Level</th>
<th>Horsepower</th>
<th>Horsepower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel &amp; Clay</td>
<td>1'</td>
<td>Domestic</td>
<td>Standing 25'</td>
<td>0.3</td>
<td>1.3</td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>45'</td>
<td>Domestic</td>
<td>Standing 50'</td>
<td>0.5</td>
<td>2.5</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20 ft
Suction Pressure for Flowing Well: 15 ft
Discharge in gal. per min. of flowing well: 15 gal. per minute
How Tested: Balling
Length of Test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of joint, location of place of use of groundwater if not at well, 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; duplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument was filed at my office the 25th day of July, 1877.

WILLIAM T. BURKET
County Clerk and Recorder
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  
(Name of Appropriator)  
County of Silver Bow, 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:  
WATER SUPPLY FOR AT LEAST 50 FAMILIES  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
1917 (STADY)  

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
NOT AVAILABLE  

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:  
ONLY FOR: LANDS & GARDENS AND PARKS IN THE NEARBY TOWNS  

6. The means of withdrawing such water from the ground and the location of other or means of withdrawal:  
(1) SCREW PUMP  
(2) jet centrifugal pump  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
WELL WERE 18 INCH DIA. CASING R 25 FEET DEEP  
WELL WERE INTO A 60,000 GALLON WATER STORAGE TANK. BOTH WELLS HAVE A 4 INCH DIA. CASING  

8. The depth of water table:  
60 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:  
BOTH WELLS HAVE EIGHT CASINGS AND THEY ARE 250 FEET DEEP  
WELL WERE INTO A 60,000 GALLON WATER STORAGE TANK. BOTH WELLS HAVE A 4 INCH DIA. CASING  

10. The estimated amount of groundwater withdrawn each year:  
60,000,000 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:  
WELLS ARE LOCATED ON LAND FORMERLY OWNED BY MY DEPARTMENT. WE HAVE TWO LETTERS STATING THAT RECORDS HAVE BEEN DESTROYED BY SAID COMPANY  
Signature of Owner  

Date: June 10, 1962  

STATE OF MONTANA  
COUNTY OF SILVER BOW  

I, having first been duly sworn,  

Executive and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name has subscribed thereto, do hereby, as the appropriator and claimant, to know the contents of said foregoing notice and that the matters and things therein stated are true.  

Subscribed and sworn to before me, this 12 day of June, 1962.  
Notary Public for the State of Montana, residing at  
Commission expires:  

Date: June 10, 1962  

Signature of Notary Public
Mary L. Stanger, of ___

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana law 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 feet per minute)

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

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

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

7. The depth of water table

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

9. 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, 1963

Notary Public for the State of Montana, resident of ___

Oath expires: ___
Mary L. Stargroth, of
County of Silver Bow, State of Montana, have appropriated groundwater according to
the Montana law in effect prior to January 1, 1962, as follows:

2. The beneficial use on which this application is based —

3. Date or approximate date of earliest beneficial use; and how continuous the use has been — 1962

4. The amount of groundwater placed in use since —

5. If used for irrigation, give the purpose and description of the land water has been applied to and the areas thereof —

6. The amount of withdrawal and the acreage or square of area affected —

7. The date of commencement and completion of the construction of the well, where work was done or plans made —

8. The depth of water table —

9. As far as it may be available, the type, class and name of the ground used for the purpose stated above —

10. The estimated amount of groundwater withdrawn each year — 15,000

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

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

Signature of Owner
Mary L. Stargroth
Date
Dec. 10, 1963

STATE OF MONTANA
COUNTY OF SILVER BOW

The undersigned, having first been duly sworn, and deposed and say that they are of lawful age and the appropriate owners and claimants of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriate owners and claimants, that they know the contents of said foregoing notice and that the matters and things therein stated are true.

Mary L. Stargroth

Subscribed and sworn to before me, this 10 day of Dec., 1963

Notary public for the State of Montana, resident of Montana.
STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument was filed at my office on the day of 19__.

Attest my hand.

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
----------
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. John Frederick Miles, of Miles Crossing, Montana,
(Name of Appropriator) (Address) (Town)
County of Silver Bow, 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 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 from surface to water 20 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
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: John F. Miles
Date: December 26, 1962

STATE OF MONTANA
COUNTY OF SILVER BOW)

John F. Miles, being first duly sworn, deposes and says that he is of lawful age and
the appropriator and claimant of the order of water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name is
subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 26th day of December, 1962
Butte, Montana
Notary public for the State of Montana, residing at
March 15, 1969
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of appropriator: T. Skubitz
Address: Silver Bow
Town: Montana
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943 continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1943

8. The depth of water table: Surface

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: 
Piped out of spring into Sect. 16, T. 6 N., R. 1 W.

10. The estimated amount of groundwater withdrawn each year: 5,600,000 gals

11. The log of formations encountered in the drilling of each well if available: None

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

Date: ____________________________
Signature of Owner: T. Skubitz

STATE OF MONTANA
COUNTY OF SILVER BOW)

Having first been duly sworn, depose and say that he of lawful age and of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice & that the matter & things therein stated are true.

Subscribed and sworn to before me this day of DEC, 1963, Notary public for the St. of Montana, residing at

Commission expires: ____________________________
1. **Frank Smith**, of Box 36, Silver Bow Power, County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana law in effect prior to January 1, 1962, as follows:

2. The beneficial use or which the claim is based: *Irrigation Well*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Nov. 1963**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **200 gallons per minute**

5. If used for irrigation, give the average and description of the land 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, and other works for withdrawal of groundwater: 

8. The depth of water table: **200 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: 

10. The estimated amount of groundwater withdrawn each year: **34560,000**

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

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

<table>
<thead>
<tr>
<th>Signature of Owner</th>
<th><strong>December 30, 1963</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank Smith</td>
<td></td>
</tr>
</tbody>
</table>

*STATE OF MONTANA* |

*COUNTY OF SILVER BOW* |

**Frank Smith**, having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

*Signature*

*Date*

*Received Jan 2, 1964*
STATE OF MONTANA

COUNTY OF SILVER BOWL

I hereby certify that the witness signature
was signed at ___________ on the day of __________, ________

__________________________
Assessor

__________________________
William H. Bildner

__________________________
C. M. Acorn
<table>
<thead>
<tr>
<th>No. 1 Well</th>
<th></th>
</tr>
</thead>
</table>

**RECEIVED**

**MONTANA BUREAU OF MINES AND GEOLOGY**

**STATE ENGINEER**

**WATER WELL LOG**

- **Owner:** Victor Chemical Works
- **Address:** Silver Bow, Montana
- **Driller:** Walter Riddock & Sons
- **Address:** Helena, Montana
- **Date Started:** January 7, 1956
- **Date Completed:** February 4, 1956
- **Location:** Sec. 23, T. 3N, R. 9W, 1/4 sec South East

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Drilled, bored, or drilled</td>
<td>Churn drill, rotary, other</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 225 ft.</th>
<th>Type: Welded</th>
<th>Size: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>20 ft. to 222 ft.</th>
<th>1/4 in. slits per foot</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>40 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb. sq. in. (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>55 feet at 350 - 400 gal per min</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Layne-Minnesota deep well pump was installed.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>8 hours</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
</table>

No written log is available. Refer to log of #3 well which is about 1060 feet southwest of this wall.
WATER WELL LOG

Owner: Victor Chemical Works
Address: Silver Bow, Montana

Driller: Walter Riddock & Sons
Address: Helena, Montana

Date Started: January 7, 1954
Date Completed: February 4, 1955

Location: Sec. 23, T. 3N, R. 9W, 1/4 sec. South East

Type of well: Drilled
Equipment used: Rotary

Water use: Industrial

Casing:
- 0 ft. to 225 ft.
- Type: Welded
- Size: 10 in.

Perforated as screened:
- 20 ft. to 222 ft.
- Type: 1/4 in. slits per foot

Static Water level, for non-flowing wells: 90 ft.

Shut-in pressure, for flowing wells: 55 lb./sq. in.

Pumping water level: 55 feet at 350 - 400 gal. per min.

How tested: Layne-Minnesota deep well pump was installed.

Length of test: 6 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

No written log is available. Refer to log of #3 well which is about 1060 feet southwest of this well.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been - February 1925, continuous.

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

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

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, well, or other works for withdrawal of groundwater - Completed February 4, 1925.

8. The depth of water table - 10 feet below surface.

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

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

11. The log of formations encountered in the drilling of each well if available - See attached sheet.

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 - See attached sheet.

Signature of Owner -
STAUWER CHEMICAL COMPANY
Victor Chemical Division

By -

STATE OF MONTANA
COUNTY OF SILVER BOW
Subscribed and sworn to before me, this 3rd day of April, 1963
Notary public for the State of Montana, residing at 

F. Corzett
## WATER WELL LOG

**Owner:** Victor Chemical Works  
**Address:** Silver Bow, Montana

**Driller:** Price & Lindsey  
**Address:** Clancy, Montana

**Date Started:** January 1951  
**Date Completed:** January 1951

**Location:** Sec. 23  
**Township:** T 3N  
**Range:** R 9W  
**Section:** 4  
**County:** Silver Bow

### Water Use
- Domestic [ ]
- Municipal [ ]
- Stock [ ]
- Irrigation [ ]
- Industrial [X]
- Drainage [ ]
- Other: [ ]

### Casing
- Depth: 0 ft. to 226 ft.
  - Type: Welded
  - Size: 10 in.
- Depth: (date)

### Perforated or Screened
- Depth: 0 ft. to 226 ft.
  - Type: 4 in. 1/4 slits per foot

### Static Water Level
- For non-flowing well: 33 ft.
- For flowing well: (date)

### Shut-In Pressure
- For non-flowing well: 100 psi

### Pumping Water Level
- 47 ft.
- Feet: 500 gal. per min

### Now Testing
- [ ]

### Length of Test
- 0

### Remarks
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 50</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>50 - 55</td>
<td></td>
<td>Sandy clay - some shallow strata fine sand</td>
</tr>
<tr>
<td>55 - 60</td>
<td></td>
<td>Clay (very dense and slimy)</td>
</tr>
<tr>
<td>60 - 70</td>
<td></td>
<td>Some very fine gravel - considerable fine sand and clay in shallow strata</td>
</tr>
<tr>
<td>70 - 78</td>
<td></td>
<td>Silty clay</td>
</tr>
<tr>
<td>78 - 82</td>
<td></td>
<td>Alternate strata of very fine sand and clay</td>
</tr>
<tr>
<td>82 - 95</td>
<td></td>
<td>Silty clay</td>
</tr>
<tr>
<td>95 - 118</td>
<td></td>
<td>Alternate strata of very fine sand and clay</td>
</tr>
<tr>
<td>118 - 123</td>
<td></td>
<td>Sandy clay</td>
</tr>
<tr>
<td>123 - 150</td>
<td></td>
<td>Shallow strata of sand and clay</td>
</tr>
<tr>
<td>150 - 155</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>155 - 170</td>
<td></td>
<td>Clay, some gravel embedded in the clay</td>
</tr>
<tr>
<td>170 - 185</td>
<td></td>
<td>Sandy clay, some very fine sand</td>
</tr>
<tr>
<td>185 - 198</td>
<td></td>
<td>Sandy clay</td>
</tr>
<tr>
<td>198 - 201</td>
<td></td>
<td>Coarse sand and some fine gravel</td>
</tr>
<tr>
<td>201 - 226</td>
<td></td>
<td>Coarse gravel and some fine gravel</td>
</tr>
<tr>
<td>50 - 55</td>
<td></td>
<td>Possible 20 - 40 g.p.m. - bailer test</td>
</tr>
<tr>
<td>60 - 70</td>
<td></td>
<td>Possible 20 - 60 g.p.m. - bailer test</td>
</tr>
<tr>
<td>78 - 87</td>
<td></td>
<td>Possible 30 - 60 g.p.m. - bailer test</td>
</tr>
<tr>
<td>97 - 118</td>
<td></td>
<td>Possible 50 - 60 g.p.m. - bailer test</td>
</tr>
<tr>
<td>123 - 150</td>
<td></td>
<td>Possible 50 - 60 g.p.m. - bailer test</td>
</tr>
<tr>
<td>155 - 170</td>
<td></td>
<td>Very little water - bailer test</td>
</tr>
<tr>
<td>170 - 185</td>
<td></td>
<td>No water - bailer test</td>
</tr>
<tr>
<td>201 - 226</td>
<td></td>
<td>150 g.p.m. after perforating</td>
</tr>
</tbody>
</table>
No. 2 Well

T. 38 W. R. 95 W. 1/4 SEC. 23

County: Silver Bow

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Victor Chemical Works</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Silver Bow, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Price &amp; Lindsley</td>
</tr>
<tr>
<td>Address</td>
<td>Clancy, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>January 1951</td>
</tr>
<tr>
<td>Date Completed</td>
<td>January 1951</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 23, T. 38 W., R. 95 W., 1/4 sec. South East</td>
</tr>
</tbody>
</table>

Type of Well: Drilled  
Equipment Used: Drilling (drill, rotary, or hydraulic)

Water Use: Domestic [ ]  Municipal [ ]  Stock [ ]  Irrigation [ ]
Industrial [X]  Drainage [ ]  Other [ ]

Casing: 0 ft to 226 ft  Type: Welded  Size: 10"
Casing: 226 ft to 227.2 ft  Type:  
Casing: 227.2 ft to 242.4 ft  Type:  
Type of screen or perforations: 1/4" Screen  

Static Water Level, for non-flowing well: 33 ft
Shut-in Pressure, for flowing well: [ ] lb/sq.in. on: [date]

Pumping Water Level: 67 ft  gal per min

How Tested: [ ]

Length of Test: [ ]

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td>50</td>
<td>Clay</td>
</tr>
<tr>
<td>50</td>
<td>55</td>
<td></td>
<td>Sandy clay - some shallow strata fine sand</td>
</tr>
<tr>
<td>55</td>
<td>60</td>
<td></td>
<td>Clay (very dense and slimy)</td>
</tr>
<tr>
<td>60</td>
<td>70</td>
<td></td>
<td>Some very fine gravel - considerable fine sand and clay in shallow strata</td>
</tr>
<tr>
<td>70</td>
<td>78</td>
<td></td>
<td>Silty clay</td>
</tr>
<tr>
<td>78</td>
<td>87</td>
<td></td>
<td>Alternate strata of very fine sand and clay</td>
</tr>
<tr>
<td>87</td>
<td>95</td>
<td></td>
<td>Silty clay</td>
</tr>
<tr>
<td>95</td>
<td>118</td>
<td></td>
<td>Alternate strata of very fine sand and clay</td>
</tr>
<tr>
<td>118</td>
<td>123</td>
<td></td>
<td>Sandy clay</td>
</tr>
<tr>
<td>123</td>
<td>150</td>
<td></td>
<td>Shallow strata of sand and clay</td>
</tr>
<tr>
<td>150</td>
<td>155</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>155</td>
<td>170</td>
<td></td>
<td>Clay, some gravel embedded in the clay</td>
</tr>
<tr>
<td>170</td>
<td>185</td>
<td></td>
<td>Sandy clay, some very fine sand</td>
</tr>
<tr>
<td>185</td>
<td>198</td>
<td></td>
<td>Sandy clay</td>
</tr>
<tr>
<td>198</td>
<td>201</td>
<td></td>
<td>Coarse sand and some fine gravel</td>
</tr>
<tr>
<td>201</td>
<td>226</td>
<td></td>
<td>Coarse gravel and some fine gravel</td>
</tr>
<tr>
<td>50</td>
<td>55</td>
<td></td>
<td>Possible 30 - 40 g.p.m. - bailer test</td>
</tr>
<tr>
<td>60</td>
<td>70</td>
<td></td>
<td>Possible 20 - 30 g.p.m. - bailer test</td>
</tr>
<tr>
<td>78</td>
<td>87</td>
<td></td>
<td>Possible 30 - 40 g.p.m. - bailer test</td>
</tr>
<tr>
<td>95</td>
<td>118</td>
<td></td>
<td>Possible 50 - 60 g.p.m. - bailer test</td>
</tr>
<tr>
<td>123</td>
<td>150</td>
<td></td>
<td>Possible 50 - 60 g.p.m. - bailer test</td>
</tr>
<tr>
<td>155</td>
<td>120</td>
<td></td>
<td>Very little water - bailer test</td>
</tr>
<tr>
<td>170</td>
<td>185</td>
<td></td>
<td>No water - bailer test</td>
</tr>
<tr>
<td>201</td>
<td>226</td>
<td></td>
<td>500 g.p.m. after perforating</td>
</tr>
</tbody>
</table>
No. 2 Well

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

Stauffer Chemical Company
Victor Chemical Division
1. Name of Appropiation: Silver Bow, Montana
   (Address) (Town)

County of Silver Bow, 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
   Industrial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   September 1961, continuous

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

5. If used for irrigation, give the average 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
   Completed January 1962

8. The depth of water table
   30 feet below surface

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

10. The estimated amount of groundwater withdrawn each year
    50,000,000 gal.

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

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
    See attached sheets.

Signature of Owner

STATE OF MONTANA
as H. F. Johnson, Manager
COUNTY OF SILVER BOW
Stauffer Chemical Company
Victor Chemical Division
having first been duly sworn, deposes and says that he is of lawful age and that he is the appropriate and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriate and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Stauffer Chemical Company
Victor Chemical Division

Subscribed and sworn to before me, this 3rd day of April, 1962.

Notary public for the State of Montana, residing at

J. C. Conner

No. 3 Well

T. 3N. R. 9W
County Silver Bow,

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Victor Chemical Works</th>
<th>Address</th>
<th>Silver Bow, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Price &amp; Lindsey</td>
<td>Address</td>
<td>Clancy, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
<td>Date Completed</td>
<td>March 1951</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 23 T. 3N R 9W</td>
<td>Sec. South East</td>
<td></td>
</tr>
</tbody>
</table>

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

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

Casing: 0 ft. to 250 ft. Type Welded Size 10"
Casing: [ ] ft. to [ ] ft. Type [ ] Size [ ]
Casing: [ ] ft. to [ ] ft. Type [ ] Size [ ]

Perforated or Screened: 4-1/4" slits per foot

Static Water level for non-flowing well 52' + 9"
Shut-In pressure, for flowing well 100 sq. in. on date
Pumping water level 71 feet at 550 gal. per min.

Remarks: (Gravel packing, cement, packers, type of shut-off, depth of shut-off)
<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>5 Clay and some surface gravel</td>
</tr>
<tr>
<td>5</td>
<td>83 Silty clay</td>
</tr>
<tr>
<td>83</td>
<td>90 Fine sand and some fine gravel, some water</td>
</tr>
<tr>
<td>90</td>
<td>105 Very silty clay</td>
</tr>
<tr>
<td>105</td>
<td>108 Medium coarse sand, some water</td>
</tr>
<tr>
<td>108</td>
<td>123 Silty clay</td>
</tr>
<tr>
<td>123</td>
<td>128 Fine silty sand, some water, perforated</td>
</tr>
<tr>
<td>128</td>
<td>132 Silty clay and some fine sand</td>
</tr>
<tr>
<td>132</td>
<td>135 Fine silty sand, some water, perforated</td>
</tr>
<tr>
<td>135</td>
<td>180 Silty clay</td>
</tr>
<tr>
<td>180</td>
<td>227 Sandy clay</td>
</tr>
<tr>
<td>227</td>
<td>230 Coarse sand and some fine washed gravel, water, perforated</td>
</tr>
<tr>
<td>230</td>
<td>232 Very fine sand</td>
</tr>
<tr>
<td>232</td>
<td>238 Sandy clay</td>
</tr>
<tr>
<td>238</td>
<td>242 Fine sand and some small gravel, water, perforated</td>
</tr>
<tr>
<td>242</td>
<td>246 Hard sandy clay</td>
</tr>
<tr>
<td>246</td>
<td>250 Medium coarse sand, water, perforated</td>
</tr>
</tbody>
</table>

Most water being made from 227' strata down.
### No. 3 Well

**Owner:** Victor Chemical Works  
**Address:** Silver Bow, Montana

**Driller:** Price & Lindsey  
**Address:** Clancy, Montana

**Location:** Sec. 23 T. 3N R. 9W 4 sec. South East

**Date Started:**  
**Date Completed:** March 1951

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

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

- **Industrial [ ] Drainage [ ] Other:**

**Casing:**
- 0 ft. to 250 ft. Type: Welded Size: 10 in.
- 250 ft. to 62 ft. Type: Size:

**Type of screen or perforations:** 4-1/4 in. slits per foot

**Static Water level, for non-flowing well:** 62 ft. 6 in.

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

**Pumping water level:** 7 ft. at 550 gal. per min

**How tested:** Pump

**Length of test:**

**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 - 5</td>
<td>Clay and some surface gravel</td>
</tr>
<tr>
<td>5 - 83</td>
<td>Silty clay</td>
</tr>
<tr>
<td>83 - 90</td>
<td>Fine sand and some fine gravel, some water</td>
</tr>
<tr>
<td>90 - 105</td>
<td>Very silty clay</td>
</tr>
<tr>
<td>105 - 108</td>
<td>Medium coarse sand, some water</td>
</tr>
<tr>
<td>108 - 123</td>
<td>Silty clay</td>
</tr>
<tr>
<td>123 - 128</td>
<td>Fine silty sand, some water, perforated</td>
</tr>
<tr>
<td>128 - 132</td>
<td>Silty clay and some fine sand</td>
</tr>
<tr>
<td>132 - 135</td>
<td>Fine silty sand, some water, perforated</td>
</tr>
<tr>
<td>135 - 180</td>
<td>Silty clay</td>
</tr>
<tr>
<td>180 - 227</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>227 - 230</td>
<td>Coarse sand and some fine washed gravel, water, perforated</td>
</tr>
<tr>
<td>230 - 232</td>
<td>Very fine sand</td>
</tr>
<tr>
<td>232 - 238</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>238 - 242</td>
<td>Fine sand and some small gravel, water, perforated</td>
</tr>
<tr>
<td>242 - 246</td>
<td>Hard sandy clay</td>
</tr>
<tr>
<td>246 - 250</td>
<td>Medium coarse sand, water, perforated</td>
</tr>
</tbody>
</table>

Most water being made from 227' strata down.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1963)
STATE ENGINEER

1. Name of Appropriator ___________

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 amount 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

STATE OF MONTANA
COUNTY OF SILVER BOW

Subscribed and sworn to before me, this ______ day of ______, ______

Notary public for the State of Montana, residing at ________.
**No. 4 Well**

**T. 3N R 94**

**County. Silver Bow.**

**MONTANA BUREAU OF MINES AND GEOLOGY**

**Butte, Montana**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location:</th>
<th>Water Use</th>
<th>Type of Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Victor Chemical Works</td>
<td>Silver Bow, Montana</td>
<td>Price &amp; Lindsey</td>
<td>Clancy, Montana</td>
<td></td>
<td>August 1994</td>
<td>23 3N 94-35</td>
<td>Domestic</td>
<td>Rotated</td>
</tr>
</tbody>
</table>

**Equipment used:** Rotary

**Casing:**
- 0 to 300 ft. Type: Welded, Size: 10 in.
- 300 to 295 ft. Type: Size.
- 295 to foot.

**Perforated or Screened:** 4-1/2 in. slits per foot

**Static Water level, for non-flowing well:** 35 ft.

**Shut-in pressure, for flowing well:** 1 lb. sq. in.

**Pumping water level:** 40.5 ft.

**Test results:** 350 gal. per min.

**Length of test:** Pump

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 16</td>
<td>Top soil and sand</td>
</tr>
<tr>
<td>16 - 40</td>
<td>Clay and some gravel</td>
</tr>
<tr>
<td>40 - 50</td>
<td>Brown clay and some shallow strata of sand, some water, 15 perforations</td>
</tr>
<tr>
<td>50 - 60</td>
<td>Brown clay and some fine gravel, some water, 35 perforations</td>
</tr>
<tr>
<td>60 - 75</td>
<td>Brown fine sandy clay</td>
</tr>
<tr>
<td>75 - 80</td>
<td>Brown coarse sandy clay</td>
</tr>
<tr>
<td>80 - 124</td>
<td>Light sandy silt with some clay and some sand</td>
</tr>
<tr>
<td>124 - 137</td>
<td>Fine silty sand</td>
</tr>
<tr>
<td>137 - 200</td>
<td>Clay containing fine silty sand</td>
</tr>
<tr>
<td>200 - 205</td>
<td>Firm fine silty sand</td>
</tr>
<tr>
<td>205 - 209</td>
<td>Running fine silty sand</td>
</tr>
<tr>
<td>209 - 240</td>
<td>Very tight fine silty sand</td>
</tr>
<tr>
<td>240 - 265</td>
<td>Fairly clean fine sand, some water, 35 perforations</td>
</tr>
<tr>
<td>265 - 280</td>
<td>Fine silty sand and some clay</td>
</tr>
<tr>
<td>280 - 295</td>
<td>Medium coarse sand and some silt, some water, 40 perforations</td>
</tr>
<tr>
<td>295 - 300</td>
<td>Very fine tight silty sand</td>
</tr>
<tr>
<td>300 - 310</td>
<td>Very fine tight silty sand with rise of cement-like rock</td>
</tr>
<tr>
<td>310 - 315</td>
<td>Grit with some sand</td>
</tr>
<tr>
<td>315 - 322</td>
<td>Tight cement, some water, 15 perforations</td>
</tr>
<tr>
<td>322 - 328</td>
<td>Tight cement</td>
</tr>
<tr>
<td>328 - 338</td>
<td>Shallow strata of cement and very sticky clay, some water</td>
</tr>
<tr>
<td>338 - 340</td>
<td>Very sticky brown clay</td>
</tr>
<tr>
<td>340 - 400</td>
<td>Alternation of bits of very soft and firm clay</td>
</tr>
</tbody>
</table>
No. 4 Well

T... 3N... R... 9W...
County... Silver Bow...

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner: Victor Chemical Works</th>
<th>Address: Silver Bow, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: Price &amp; Lindsey</td>
<td>Address: Clancy, Montana</td>
</tr>
</tbody>
</table>

Date Started: Date Completed: August 1994

Location: Sec. 23 T. 3N R. 9W ¼ sec South East

Type of well: Drilled Equipment used: Rotary

Type: Domestic Municipal Stock Irrigation Other:

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

Casing: 0 ft. to 300 ft. Type: Welded Size: 10

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or depress.: Ft. to ft. 295 to ft.

Type of screen or perforations: 4-1/4 slits per foot

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

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

Pumping water level: 40.5 feet at 350 gal. per min.

How tested: Pump

Length of test: [ ]

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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>46</td>
</tr>
<tr>
<td>46</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>75</td>
</tr>
<tr>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>134</td>
</tr>
<tr>
<td>134</td>
<td>137</td>
</tr>
<tr>
<td>137</td>
<td>200</td>
</tr>
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<td>204</td>
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<td>295</td>
<td>310</td>
</tr>
<tr>
<td>310</td>
<td>333</td>
</tr>
<tr>
<td>333</td>
<td>360</td>
</tr>
<tr>
<td>360</td>
<td>400</td>
</tr>
</tbody>
</table>
No. 4 Wall

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Stauffer Chemical Company
1. Victor Chemical Division, of Silver Bow, Montana

County of Silver Bow, 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
   Residential

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   May 1955, continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Used from deep well, see attached maps

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

8. The depth of water table
   20 feet below surface

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

10. The estimated amount of groundwater withdrawn each year
    See attached sheets

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

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
    See attached sheets

Signature of Owner of Victor Chemical Division

STATE OF MONTANA
COUNTY OF SILVER BOW

as H. F. Johnson, Mgr.,
Stauffer Chemical Company
having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows that the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 3rd day of April, 1965

Notary public for the State of Montana, residing at Butte, Montana, and his or her term expires._

J. L. Conette, III
**WATER WELL LOG**

**Owner:** Victor Chemical Works  
**Address:** Silver Bow, Montana

**Driller:** Price & Lindsey  
**Address:** Clancy, Montana

**Date Started:**  
**Date Completed:** August 1956

**Location:** Sec. 23, T. 39, R. 9W  
**Area:** North East

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

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

**Casing:**  
- 0 ft. to 303 ft. Type Welded Size 10"

**Perforated or Screened:**  
- 80 ft. to 290 ft.

**Type of screen or perforations:**  
- 4-1/4" slits per foot

**Static Water level, for non-flowing well:** 16 feet

**Shut-in pressure, for flowing well:**  
- 10 lb. sq in on  
- June 1956

**Pumping water level:** 62 feet  
**feet:** 350  
**gal. per min.:**

**How tested:** Pump

**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 - 8</td>
<td>Top soil, sand, some clay</td>
</tr>
<tr>
<td>8 - 20</td>
<td>Sticky gray clay</td>
</tr>
<tr>
<td>20 - 35</td>
<td>Shallow strata of sticky and sandy brown clay</td>
</tr>
<tr>
<td>35 - 85</td>
<td>Sandy brown clay</td>
</tr>
<tr>
<td>85 - 100</td>
<td>Sticky clay</td>
</tr>
<tr>
<td>100 - 130</td>
<td>Alternate strata of sticky and sandy clay</td>
</tr>
<tr>
<td>130 - 150</td>
<td>Very sticky clay</td>
</tr>
<tr>
<td>150 - 160</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>160 - 175</td>
<td>Alternate shallow strata of sticky and sandy clay</td>
</tr>
<tr>
<td>175 - 180</td>
<td>Sticky clay</td>
</tr>
<tr>
<td>180 - 225</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>225 - 230</td>
<td>Very sticky clay</td>
</tr>
<tr>
<td>230 - 241</td>
<td>Tight sandy clay</td>
</tr>
<tr>
<td>241 - 245</td>
<td>Very sticky fat clay</td>
</tr>
<tr>
<td>245 - 293</td>
<td>Alternate shallow strata of firm sandy clay and sticky clay</td>
</tr>
<tr>
<td>293 - 302</td>
<td>Fine sandy silt</td>
</tr>
<tr>
<td>302 - 335</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>335 - 345</td>
<td>Very sticky clay</td>
</tr>
<tr>
<td>345 -</td>
<td>Tight sandy clay</td>
</tr>
</tbody>
</table>

No definite water courses, the more sandy clay exposed the more water was made.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>No. 5 Well</th>
<th>T. 3N</th>
<th>R. 9W</th>
<th>County: Silver Bow</th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

**Water Well Log**

- **Owner:** Victor Chemical Works  
  **Address:** Silver Bow, Montana

- **Driller:** Price & Lindsey  
  **Address:** Clancy, Montana

- **Date Started:**  
  **Date Completed:** August 1994

**Location:** Sec. 23 T. 39 R. 9W 3/4 sec. North East

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled (Dug, driven, bored, or drilled)</th>
<th>Equipment Used</th>
<th>Rotary (Churn drill, rotary, other)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Industrial</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 303 ft.</td>
<td>Type</td>
<td>Welded</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>a</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>a</td>
</tr>
<tr>
<td>Perforated co-located: Ft. 80 to ft. 290 Ft. to ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations: 4-1/4&quot; slits per foot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well: 16 feet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well: lb/sq. in. on: (date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level: 62 feet at 350 gal. per min.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested: Pump</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-8</td>
<td>Top soil, sand, some clay</td>
</tr>
<tr>
<td>8-20</td>
<td>Sticky gray clay</td>
</tr>
<tr>
<td>20-35</td>
<td>Shallow strata of sticky and sandy brown clay</td>
</tr>
<tr>
<td>35-85</td>
<td>Sandy brown clay</td>
</tr>
<tr>
<td>85-100</td>
<td>Sticky clay</td>
</tr>
<tr>
<td>100-130</td>
<td>Alternate strata of sticky and sandy clay</td>
</tr>
<tr>
<td>130-150</td>
<td>Very sticky clay</td>
</tr>
<tr>
<td>150-160</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>160-175</td>
<td>Alternate shallow strata of sticky and sandy clay</td>
</tr>
<tr>
<td>175-180</td>
<td>Sticky clay</td>
</tr>
<tr>
<td>180-225</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>225-230</td>
<td>Very sticky clay</td>
</tr>
<tr>
<td>230-241</td>
<td>Tight sandy clay</td>
</tr>
<tr>
<td>241-245</td>
<td>Very sticky fat clay</td>
</tr>
<tr>
<td>245-293</td>
<td>Alternate shallow strata of firm sandy clay and sticky clay</td>
</tr>
<tr>
<td>293-302</td>
<td>Fine sandy silt</td>
</tr>
<tr>
<td>302-335</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>335-345</td>
<td>Very sticky clay</td>
</tr>
<tr>
<td>345-350</td>
<td>Tight sandy clay</td>
</tr>
</tbody>
</table>

No definite water courses, the more sandy clay exposed the more water was made.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. STANFORD CHEMICAL COMPANY
   of Silver Bow, Montana
   (Name of Appropriator)
   (Address) (Town)

The County of Silver Bow, 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 area 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
   20 feet below surface.

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

STANFORD CHEMICAL COMPANY
   Victor Chemical Division

By: _______________

STATE OF MONTANA
COUNTY OF SILVER BOW

Subscribed and sworn to before me, this 3rd day of April, 1963

Notary public for the State of Montana, residing at ______________

Dated ______________

J. F. Johnson, Mgr.

Subscribed and sworn to before me, this 3rd day of April, 1963

Notary public for the State of Montana, residing at ______________
**No. 6 Well**

T. 31 W. R. 90 W. 

Country: Silver Bow 

**MONTANA BUREAU OF MINES AND GEOLOGY**

Butte, Montana 

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Driller</th>
<th>Price &amp; Lindsey</th>
<th>Address: Clancy, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
<td>September 1994</td>
</tr>
</tbody>
</table>

**Location:** Sec. 23, T. 31 W., R. 90 W., § sec., South West 

**Type of well** | **Equipment used** | **Rotary**
--- | --- | ---
[ ] Domestic | [ ] Municipal | [ ] Stock | [ ] Irrigation | [ ] (Open, screen, bore, etc.)
[ ] Industrial | [ ] Drainage | [ ] Other |

**Water use:** 

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

**Casing:** 

<table>
<thead>
<tr>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>225</td>
<td>Welded</td>
<td>10³</td>
</tr>
<tr>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

**Perforated or Screened:** 

<table>
<thead>
<tr>
<th>Ft.</th>
<th>Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>200</td>
</tr>
</tbody>
</table>

**Type of screen or perforations:** 

<table>
<thead>
<tr>
<th>Ft.</th>
<th>Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16</td>
<td>1/16</td>
</tr>
</tbody>
</table>

**Static Water Level, for non-flowing well:** 19.5 ft. 

**Shut-in pressure, for flowing well:** 15 lb./sq. in. on: (date) 

**Pumping water level:** 20.5 ft. at 350 gal. per min. 

**How tested:** Pump 

**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>From 0</td>
<td>To 2</td>
</tr>
<tr>
<td></td>
<td>Soil and sand</td>
</tr>
<tr>
<td>From 2</td>
<td>To 10</td>
</tr>
<tr>
<td></td>
<td>Clay, some sand</td>
</tr>
<tr>
<td>From 10</td>
<td>To 50</td>
</tr>
<tr>
<td></td>
<td>Very sandy clay, some silt</td>
</tr>
<tr>
<td>From 50</td>
<td>To 90</td>
</tr>
<tr>
<td></td>
<td>Sandy clay</td>
</tr>
<tr>
<td>From 90</td>
<td>To 120</td>
</tr>
<tr>
<td></td>
<td>Chert-like material with sand, some clay</td>
</tr>
<tr>
<td>From 120</td>
<td>To 130</td>
</tr>
<tr>
<td></td>
<td>Sandy clay</td>
</tr>
<tr>
<td>From 130</td>
<td>To 135</td>
</tr>
<tr>
<td></td>
<td>Very silty sand with some clay</td>
</tr>
<tr>
<td>From 135</td>
<td>To 165</td>
</tr>
<tr>
<td></td>
<td>Tight fine sand, very clean</td>
</tr>
<tr>
<td>From 165</td>
<td>To 180</td>
</tr>
<tr>
<td></td>
<td>Alternate stratas of tight and loose medium sand</td>
</tr>
<tr>
<td>From 180</td>
<td>To 185</td>
</tr>
<tr>
<td></td>
<td>Chert-like material, some sand</td>
</tr>
<tr>
<td>From 185</td>
<td>To 190</td>
</tr>
<tr>
<td></td>
<td>Brown clay with some chert, some sand</td>
</tr>
<tr>
<td>From 190</td>
<td>To 215</td>
</tr>
<tr>
<td></td>
<td>Alternate stratas of firm and tight chert, some coarse sand</td>
</tr>
<tr>
<td>From 215</td>
<td>To 225</td>
</tr>
<tr>
<td></td>
<td>Brown sticky clay</td>
</tr>
<tr>
<td>From 225</td>
<td>To 230</td>
</tr>
<tr>
<td></td>
<td>Brown firm sandy clay</td>
</tr>
</tbody>
</table>

Definite water course from 185' - 200', bailer test at 60 g.p.m. no drawdown.
**WATER WELL LOG**

**Owner:** Victor Chemical Works  
**Address:** Silver Bow, Montana

**Driller:** Price & Lindsay  
**Address:** Clancy, Montana

**Date Started:**  
**Date Completed:** September 1994

**Location:** Sec. 23, T. 3N, R. 9W, 1/4 sec. South West

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Churn and, rotary, other)</td>
</tr>
</tbody>
</table>

**Water use:**  
- Domestic [ ]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [ ]  
- Industrial [X]  
- Drainage [ ]  
- Other: [ ]

**Casing:**  
- 0 ft. to 225 ft.  
- Type: Welded  
- Size: 10"

**Perforated:**  
- From 90 ft. to 200 ft.  
- Type:  
- Size: 

**Type of screen or perforations:**  
- 3/4" slits per foot

**Static Water level, for non-flowing well:** 19.5 feet

**Pumping water level:** 20.5 feet  
- Feet at: 350 gal. per min.

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

---

**Remarks:** (Gravel packing, cementing packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>Soil and sand</td>
</tr>
<tr>
<td>2</td>
<td>Clay, some sand</td>
</tr>
<tr>
<td>10</td>
<td>Very sandy clay, some silt</td>
</tr>
<tr>
<td>50</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>90</td>
<td>Chert-like material with sand, some clay</td>
</tr>
<tr>
<td>120</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>130</td>
<td>Very silty sand with some clay</td>
</tr>
<tr>
<td>135</td>
<td>Tight fine sand, very clean</td>
</tr>
<tr>
<td>165</td>
<td>Alternate strata of tight and loose medium sand</td>
</tr>
<tr>
<td>180</td>
<td>Chert-like material, some sand</td>
</tr>
<tr>
<td>185</td>
<td>Brown clay with some chert, some sand</td>
</tr>
<tr>
<td>190</td>
<td>Alternate strata of firm and tight chert, some coarse sand</td>
</tr>
<tr>
<td>215</td>
<td>Brown sticky clay</td>
</tr>
<tr>
<td>225</td>
<td>Brown firm sandy clay</td>
</tr>
</tbody>
</table>

Definite water course from 185\textsuperscript{1} - 200\textsuperscript{1}, bailer test

60 g.p.m. no drawdown.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Stauffer Chemical Company

1. Name of Appropriator
   (Name of Appropriator)

County of Silver Bow, 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: Industrial.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   May 1952, continuous.

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

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

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

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

8. The depth of water table at each water surface:

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

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

11. The log of formations encountered in the drilling of each well if available:
   See attached sheets.

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:
   See attached sheets.

Signature of Owner

By:

STATE OF MONTANA  
COUNTY OF SILVER BOW) as H. F. Johnson, Mgr.,
Stauffer Chemical Company

having first been duly sworn, do depose and say that I, the undersigned, and the
appropriator and claimant of the order and order right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name
subscribed thereto, as the appropriator and claimant, do and did know the contents of said foregoing notice and that the matters and things therein stated are
true.

By:

Stauffer Chemical Company

Witnesses:

Subscribed and sworn to before me, this 3rd day of April, 1962.

Notary public for the State of Montana, residing at

J. H. Johnson
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Sept. 4, 1964
Owner: Tom Helehan
Address: [Address]
Contractor: (If any) None
Address of Contractor: None
Date Started: None
Date Completed: None

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Developed spring

2) Means of withdrawing water (gravity, pump, canal, etc.)
   Natural flow

3) Depth of water table, feet
   25 feet

4) Use of the water
   Place mining

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): 10 miners inches

6) If used for irrigation, give number of acres and description of land
   More

7) Estimate amount of water used each year
   [No estimate mentioned]

Signature of Owner: Tom Helehan
Date: Oct. 5, 1977

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.
A spring is located on the
Gavin Place, Survey No. 4810, Section
24, T3N, R9 W, M.P.M., Silver Bow
County, Montana. The place of use
is adjacent to the spring.
If you desire further
information please advise.

Doc
Pic
this
A. I
o/c

Oct 5, 1971
Tom Helichan
Fox Hotel
Butte

6) If used for irrigation, give number of acres and description of
land.


7) Estimate amount of water used each year:

Accurate estimate excepting unusual weather

Signature of Owner: Tom Helichan

Date: Oct 5, 1971

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

Notice of Completion of Groundwater Appropriation Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Sept. 1, 1964
Owner: Tom Helcher
Address: Fort Hotel
Contractor (if any): None
Address of Contractor: None
Date Started: None Date Completed: None

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, pipeline, etc.):
   Developed spring

2) Means of withdrawing water (gravity, pump, canal, etc.):
   Natural flow

3) Depth of water table, feet:

4) Use of the water: Pleasure

5) Amount of groundwater claimed (in miner's inches, or gallons per minute), 10 miner's inches

6) If used for irrigation, give number of acres and description of land:
   None

7) Estimate amount of water used each year:
   Accurate estimate cannot be made on works

Signature of Owner: Tom Helcher
Date: Oct. 5, 1971

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

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

Northern Pacific Railway Co., of N.P. Depot
(Silver Bow)
(Name of Appropriator) (Address) (Town)
County of Silver Bow, State of Montana

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   Dec. 7, 1952 to present

3. The amount of groundwater claimed (in miner's inches or gallons per minute).
   0 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 means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Jet pump

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

7. The depth of water table.
   14 feet

8. 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 gravel well, 30 feet deep

9. The estimated amount of groundwater withdrawn each year.
   100,000 gallons

10. The log of formations encountered in the drilling of each well if available.
    see attached log 63-4

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

Date: 8-8-63

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.
SILVER BOW, MONT. Depot Well RFE 565-55
6' Well, 69' deep
Drilled by E.R. Bodin K.P.Ry
Work begun 8-16-55, Completed 9-7-55

Vertical Scale 1' = 10'

Water Analysis 8-26-55

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>4.4 G.P.C.</td>
</tr>
<tr>
<td>Magnesium</td>
<td>2.1 &quot;</td>
</tr>
<tr>
<td>Sulfate</td>
<td>&quot;</td>
</tr>
<tr>
<td>Chloride</td>
<td>&quot;</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>0.3 &quot;</td>
</tr>
<tr>
<td>Bicarbonate</td>
<td>&quot;</td>
</tr>
<tr>
<td>Chloride</td>
<td>8.3 &quot;</td>
</tr>
<tr>
<td>Silica</td>
<td>0.0 P.P.M.</td>
</tr>
<tr>
<td>pH</td>
<td>7.4</td>
</tr>
<tr>
<td>Total dissolved solids</td>
<td>10.3 G.P.C. (Actual)</td>
</tr>
</tbody>
</table>

Sample From boiler

Note: See file 10284 for drilling and test data.
Office of Engr of Water Service St. Paul

Location Plan
Scale 1" = 100'