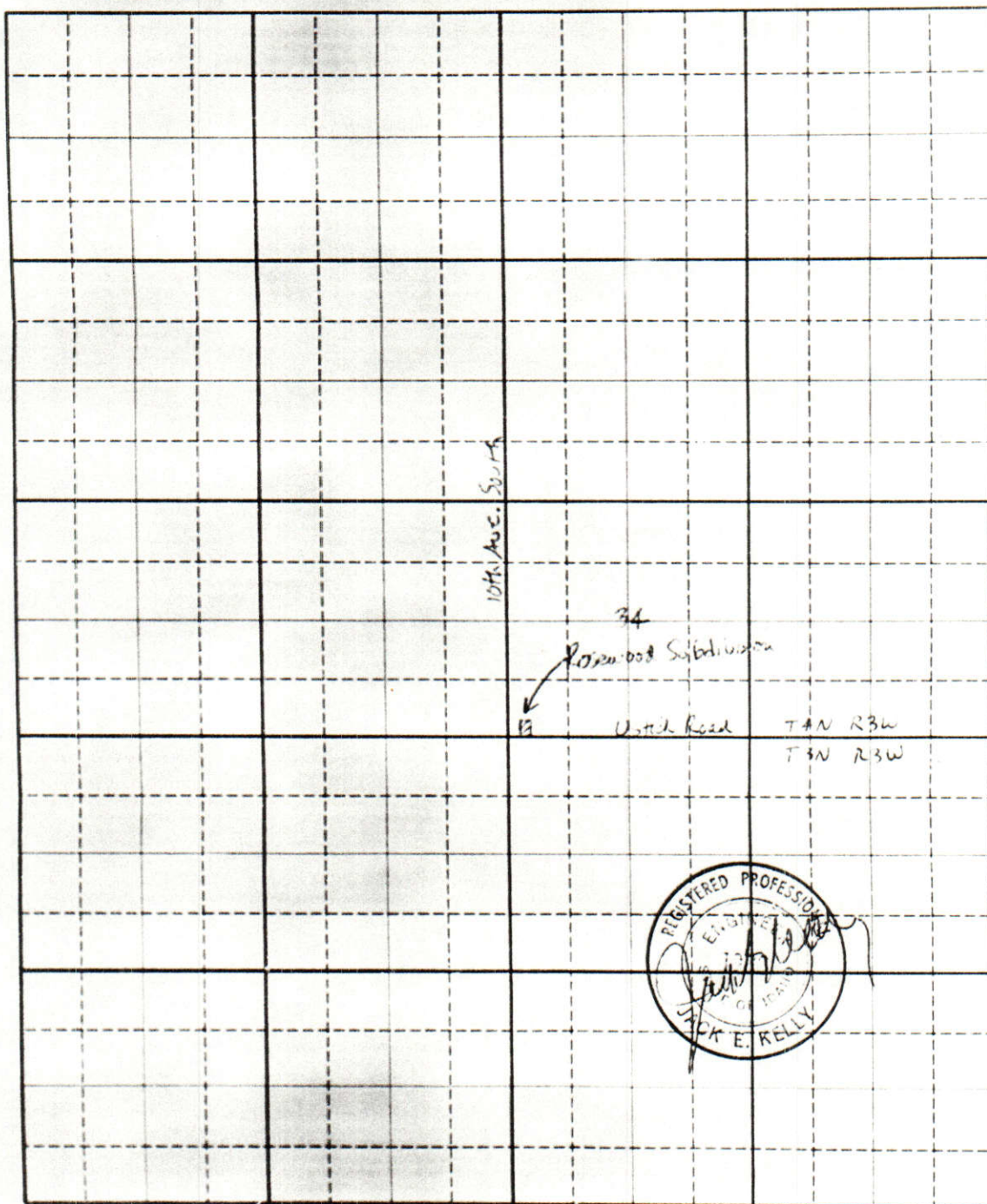


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth:

Rosewood Water Corp.

By: [Signature]  
(Applicant)

68 7517

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, )  
County of Canyon. ) ss.

Verla Harker  
of Caldwell, Canyon County, Idaho, being first duly sworn,  
deposes and says:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was over the age of twenty-one years, and not a party to the above entitled action.

2. That I am the Principle Clerk of the News-Tribune, a daily, (except Sunday) newspaper published in the City of Caldwell, in the County of Canyon, State of Idaho; that the said newspaper is in general circulation in the said County of Canyon, and in the vicinity of Caldwell, and has been uninterruptedly published in said County during a period of seventy-eight consecutive weeks prior to the first publication of the notice, a copy of which is hereto attached.

3. That the notice, of which the annexed is a printed copy, was published in said newspaper

Two Times in the regular and entire issue of said paper, and was printed in the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:

November 10, 25, 1971

Subscribed and sworn to before me this

25th day of November, 1971

Notary Public, Residing at Nampa, Idaho

NOTICE OF APPLICATION  
FOR WATER PERMIT

Notice is hereby given that Rosewood Water Corporation, Route #4, Caldwell, Idaho has on October 27, 1971 submitted Application No. 63-7517 for a permit to appropriate 0.5 cubic feet per second of water from a ground water source by means of well and pump within the SW 1/4 SW 1/4, Sec. 34, T. 4N, R. 3W, B.M., Canyon County to be used from Jan. 1 to Dec. 31 for domestic purposes for 13 to 27 families within the SW 1/4 SW 1/4, Sec. 34, T. 4N, R. 3W, B. M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, Statehouse, Boise, Idaho, 83707, on or before December 6, 1971.

R. KEITH HIGGINSON  
Director

November 18, 25, 1971

63-7517

# 63-7517 System Diagram

## CURVE DATA

| C- No. | Central angle | T-11   | R-11   |
|--------|---------------|--------|--------|
| C-1    | 291.02        | 110.0  | 424.5  |
| C-2    | 291.02        | 39.15  | 151.20 |
| C-3    | 291.02        | 37.03  | 315.31 |
| C-4    | 291.02        | 37.10  | 201.20 |
| C-5    | 891.31        | 19.84  | 20.54  |
| C-6    | 201.00        | 20.60  | 20.54  |
| C-7    | 291.02        | 12.83  | 70.0   |
| C-8    | 181.33        | 33.67  | 20.0   |
| C-9    | 901.27        | 20.3   | 20.0   |
| C-10   | 291.35        | 11.46  | 45.0   |
| C-11   | 291.02        | 45.62  | 176.20 |
| C-12   | 291.02        | 103.43 | 399.8  |

I hereby certify that this is a true and accurate reproduction of the Plat of WOODS SUBDIVISION in Canyon County, Idaho.

VETS

SW corner Section 34,  
T4N, R3W of the  
BOISE MERIDIAN

**DESCRIPTION**  
This parcel is situated and is more particularly described as follows: Commencing at the Section 34, a distance of 14443.30' N 0412.30' W, Thence N 04100.45' E, Easterly boundary of Block 6 of Plat of Thence 50412.30' E, Thence a distance of 51443.30' S 14443.30' E, Thence a distance of 51443.30' E, Thence 50412.30' E, Thence 589120.30' BEGINNING. This parcel contains

BACKUP  
FWELL HOUSE

WELL HOUSE

MAIN  
WELL

SCALE

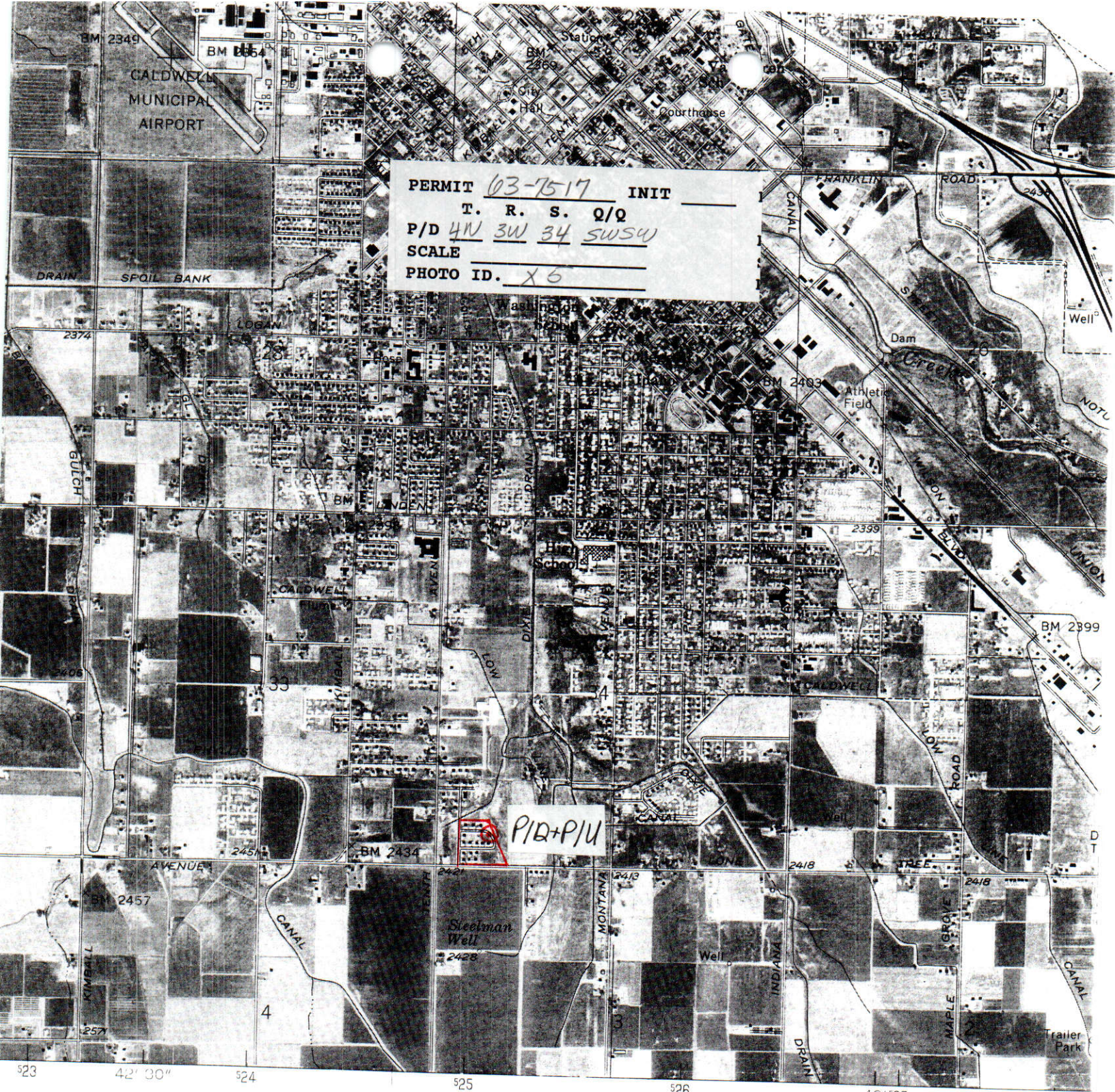
MICROFILMED

JAN 13 1994

21 Homes  
Well, it is irrigated

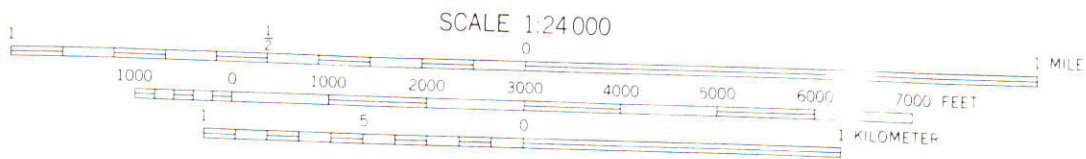
USTICK

3106



PERMIT 03-7517 INIT \_\_\_\_\_  
T. R. S. Q/Q  
P/D 4N 3W 34 SWS4  
SCALE \_\_\_\_\_  
PHOTO ID. X6

P/D+P/U

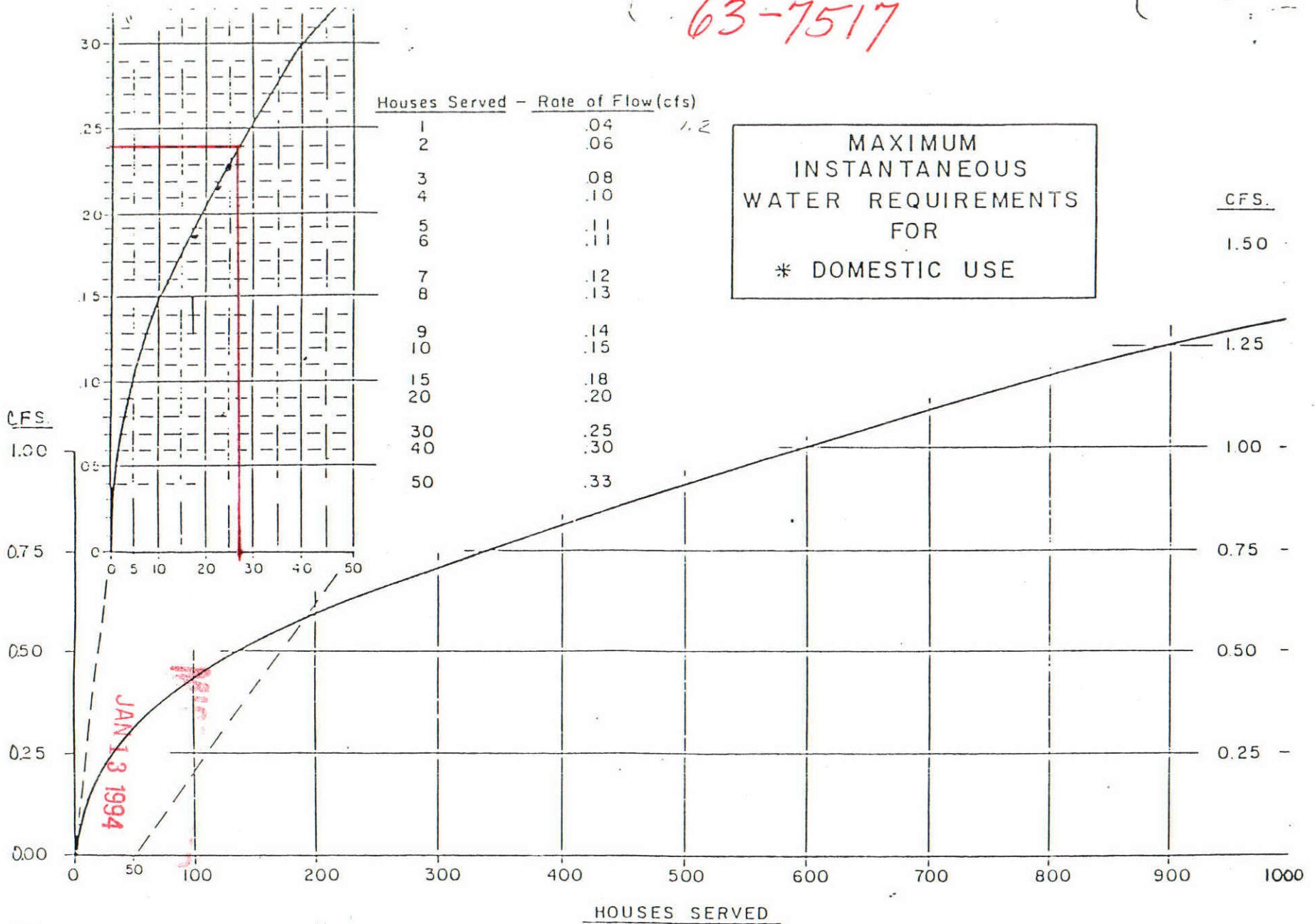


Copies Of These Maps Can Be Obtained  
At Bonneville Blue Print, Boise Idaho

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, MENLO PARK, CALIF. 94025

**RECEIVED**  
**JAN 13 1994**

63-7517



63-7517



#1.  
Main well with wellhouse  
in background.



#2.  
Flow meter

RECEIVED

JAN 13 1994

63-7517



#3

Storage tanks and  
pressure switch assembly  
in main well house



#4.

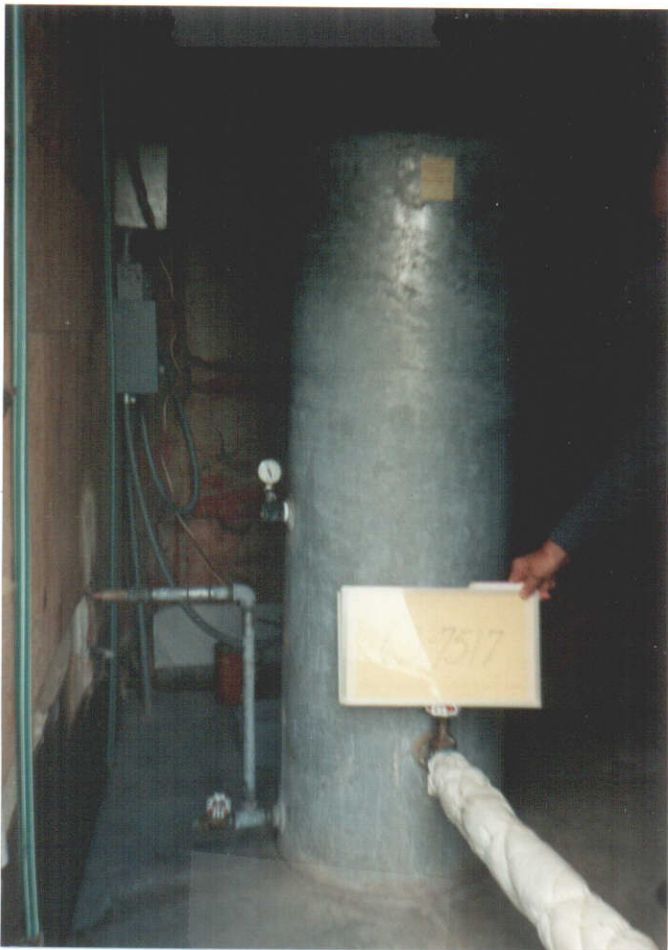
Storage tanks in main  
well house.

JAN 13 1994

63-7517



#5.  
Well house for  
backup well.



#6.  
Storage tank for backup  
well.

M

JAN 13 1994

63-7517



#7.  
Backup well casing

MICROFILMED

JAN 13 1994

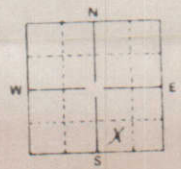
USE TYPEWRITER OR  
BALL POINT PEN

State of Idaho  
Department of Reclamation

WELL DRILLER'S REPORT

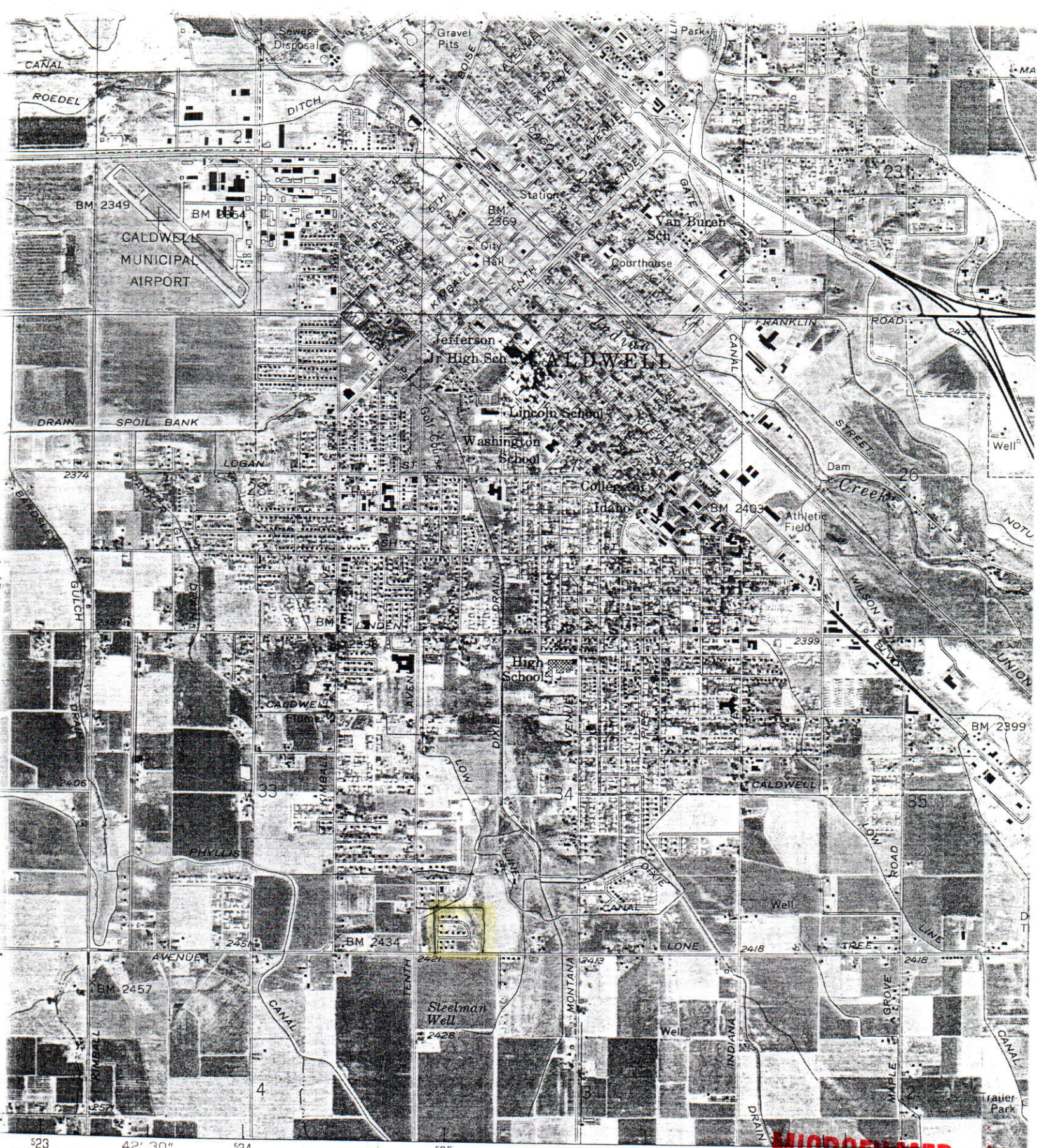
State law requires that this report be filed with the State Reclamation Engineer  
within 30 days after completion or abandonment of the well.

MAIN well

| <b>1. WELL OWNER</b><br>Name <u>Rosewood Water Corp</u><br>Address <u>Caldwell, Idaho</u><br>Owner's Permit No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | <b>7. WATER LEVEL</b><br>Static water level <u>10</u> feet below land surface<br>Flowing? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No G.P.M. flow _____<br>Temperature _____ ° F. Quality _____<br>Artesian closed on pressure _____ p.s.i.<br>Controlled by <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
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| <b>2. NATURE OF WORK</b><br><input type="checkbox"/> New well <input type="checkbox"/> Deepened <input checked="" type="checkbox"/> Replacement<br><input type="checkbox"/> Abandoned (describe method of abandoning) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>8. WELL TEST DATA</b><br><input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Other _____<br>Discharge G.P.M. _____ Draw Down _____ Hours Pumped <u>2 Hours</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| <b>3. PROPOSED USE</b><br><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test<br><input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | <b>9. LITHOLOGIC LOG</b> <table border="1"><thead><tr><th rowspan="2">Hole<br/>Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>13</td><td>0</td><td>6</td><td>Loose soil</td><td></td><td></td></tr><tr><td>17</td><td>6</td><td>14</td><td>Sandy clay</td><td></td><td></td></tr><tr><td>18</td><td>14</td><td>20</td><td>Gravel</td><td></td><td></td></tr><tr><td>3</td><td>30</td><td>55</td><td>Black sand</td><td></td><td></td></tr><tr><td>2</td><td>55</td><td>80</td><td>Sandy clay</td><td></td><td></td></tr><tr><td>20</td><td>80</td><td>75</td><td>Black sand</td><td></td><td></td></tr><tr><td>15</td><td>75</td><td>112</td><td>Clean sand (medium)</td><td></td><td></td></tr><tr><td>11</td><td>112</td><td>130</td><td>Sandy clay</td><td></td><td></td></tr><tr><td>10</td><td>130</td><td>145</td><td>Light sand</td><td></td><td></td></tr><tr><td>14</td><td>145</td><td>152</td><td>Medium sand</td><td></td><td></td></tr><tr><td>13</td><td>152</td><td>164</td><td>Sandy clay</td><td></td><td></td></tr><tr><td>10</td><td>164</td><td>175</td><td>Light sand</td><td></td><td></td></tr><tr><td>17</td><td>175</td><td></td><td>Yellow clay</td><td></td><td></td></tr></tbody></table> |                     | Hole<br>Diam. | Depth |  | Material | Water |  | From | To | Yes | No | 13 | 0 | 6 | Loose soil |  |  | 17 | 6 | 14 | Sandy clay |  |  | 18 | 14 | 20 | Gravel |  |  | 3 | 30 | 55 | Black sand |  |  | 2 | 55 | 80 | Sandy clay |  |  | 20 | 80 | 75 | Black sand |  |  | 15 | 75 | 112 | Clean sand (medium) |  |  | 11 | 112 | 130 | Sandy clay |  |  | 10 | 130 | 145 | Light sand |  |  | 14 | 145 | 152 | Medium sand |  |  | 13 | 152 | 164 | Sandy clay |  |  | 10 | 164 | 175 | Light sand |  |  | 17 | 175 |  | Yellow clay |  |  |
| Hole<br>Diam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Depth |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Material            |               | Water |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | From  | To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     | Yes           | No    |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0     | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Loose soil          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6     | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sandy clay          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 14    | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Gravel              |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30    | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Black sand          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 55    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sandy clay          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80    | 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Black sand          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 75    | 112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Clean sand (medium) |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 112   | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sandy clay          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 130   | 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Light sand          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 145   | 152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Medium sand         |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 152   | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sandy clay          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 164   | 175                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Light sand          |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 175   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yellow clay         |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| <b>4. METHOD DRILLED</b><br><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rotary <input type="checkbox"/> Dug <input type="checkbox"/> Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| <b>5. WELL CONSTRUCTION</b><br>Diameter of hole <u>8</u> inches Total depth <u>175</u> feet<br>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete<br>Thickness Diameter From To<br><u>5/16</u> inches <u>8</u> inches <u>0</u> feet <u>100</u> feet<br><u>1/4</u> inches <u>6</u> inches <u>100</u> feet <u>155</u> feet<br><u>1/4</u> inches <u>6</u> inches <u>110</u> feet <u>125</u> feet<br><u>1/4</u> inches <u>6</u> inches <u>120</u> feet <u>147</u> feet<br><u>1/4</u> inches <u>6</u> inches <u>152</u> feet <u>175</u> feet<br>Was a packer or seal used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch<br>Size of perforation _____ inches by _____ inches<br>Number From To<br>_____ perforations _____ feet _____ feet<br>_____ perforations _____ feet _____ feet<br>_____ perforations _____ feet _____ feet<br>Well screen installed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Manufacturer's name <u>JOHN DEER</u><br>Type <u>1 1/2" M.C.</u> Model No. _____<br>Diameter <u>1 1/2</u> Slot size <u>25</u> Set from <u>100</u> feet to <u>110</u> feet<br>Diameter <u>1 1/2</u> Slot size <u>15</u> Set from <u>125</u> feet to <u>147</u> feet<br>Diameter <u>1 1/2</u> Slot size <u>15</u> Set from <u>147</u> feet to <u>175</u> feet<br>Gravel packed? <input type="checkbox"/> Yes <input type="checkbox"/> No Size of gravel _____ feet to _____ feet<br>Places from _____ feet to _____ feet<br>Surface seal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No To what depth <u>100</u> feet<br>Material used in seal <input checked="" type="checkbox"/> Cement grout <input type="checkbox"/> Pudding clay |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |
| <b>6. LOCATION OF WELL</b><br>Sketch map location must agree with written location<br><br>County <u>CANYON</u><br><u>SW 1/4 Sec 34 T. 3 N. R. 2 E. W.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       | <b>10. Work started</b> <u>4/22/72</u><br><b>11. DRILLER'S CERTIFICATION</b><br>This well was drilled under my supervision and this report is true to the best of my knowledge.<br>Driller's or Firm's Name <u>W. J. Anderson</u> Number <u>56</u><br>Address <u>Caldwell, Idaho</u><br>Signed By <u>W. J. Anderson</u> Date <u>4/22/72</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |               |       |  |          |       |  |      |    |     |    |    |   |   |            |  |  |    |   |    |            |  |  |    |    |    |        |  |  |   |    |    |            |  |  |   |    |    |            |  |  |    |    |    |            |  |  |    |    |     |                     |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |     |             |  |  |    |     |     |            |  |  |    |     |     |            |  |  |    |     |  |             |  |  |

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT



**MICROFILMED**

**MAR 22 1990**

Copies Of These Maps Can Be Obtained  
At Bonneville Blue Print, Boise Idaho

**CURVE DATA**

| C- No. | Central angle | T-11   | R-11   | L.C. 11 |
|--------|---------------|--------|--------|---------|
| C-1    | 29° 02'       | 110.0  | 424.83 | 212.88  |
| C-2    | 29° 02'       | 39.15  | 151.20 | 75.80   |
| C-3    | 29° 02'       | 97.05  | 374.87 | 187.91  |
| C-4    | 29° 02'       | 52.10  | 201.20 | 100.86  |
| C-5    | 89° 33'       | 19.84  | 20.00  | 28.17   |
| C-6    | 90° 00'       | 20.60  | 20.60  | 29.13   |
| C-7    | 29° 35'       | 17.83  | 70.00  | 34.56   |
| C-8    | 118° 35'      | 33.57  | 20.00  | 34.94   |
| C-9    | 90° 27'       | 20.15  | 20.00  | 28.39   |
| C-10   | 28° 35'       | 11.46  | 45.00  | 17.28   |
| C-11   | 29° 02'       | 45.62  | 176.20 | 88.83   |
| C-12   | 29° 02'       | 103.43 | 399.81 | 200.44  |

*Winnona* **ROSEWOOD**  
**ROSEWOOD - SUBDIVISION**  
 IN CANYON COUNTY, IDAHO

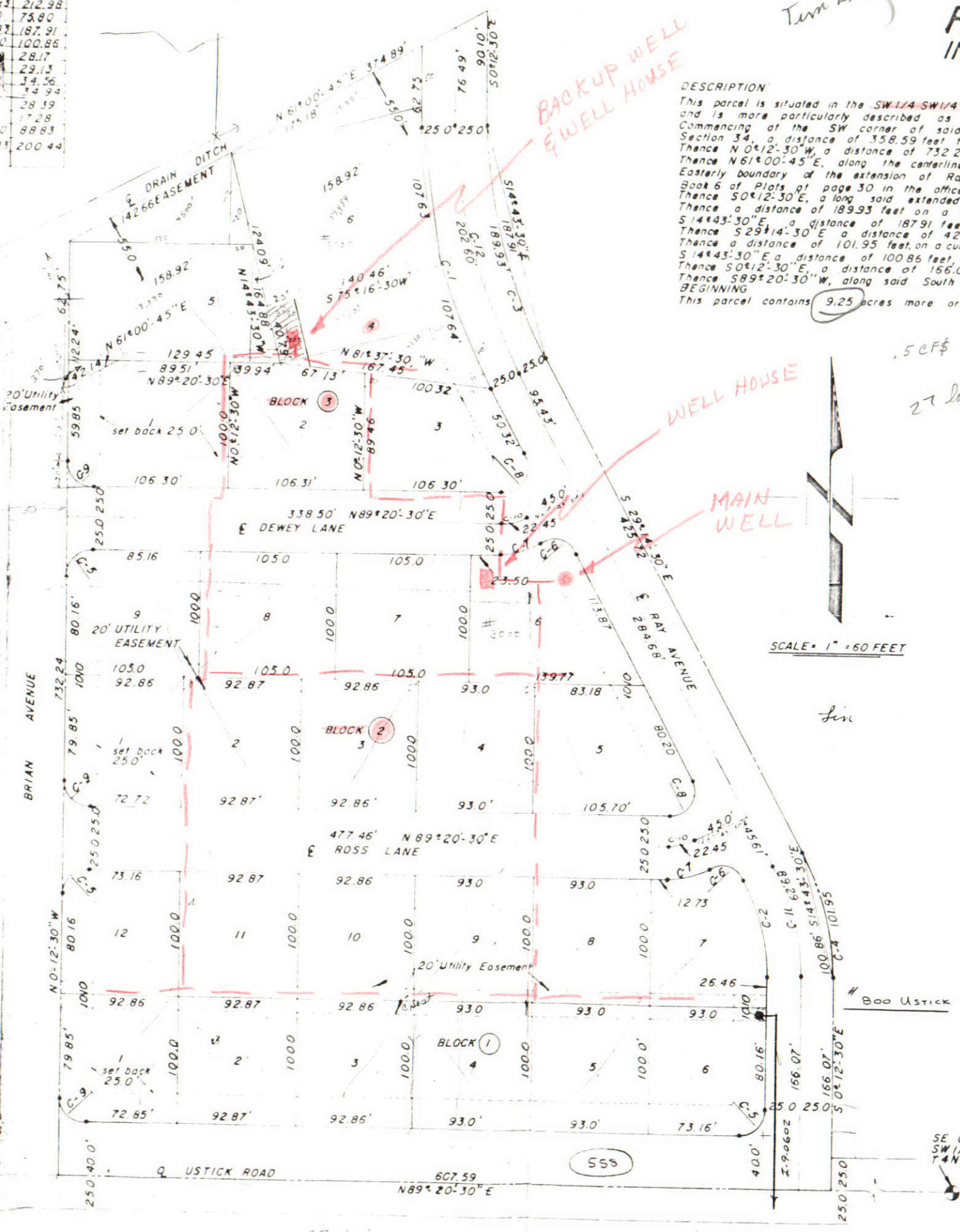
**DESCRIPTION**  
 This parcel is situated in the SW 1/4 SW 1/4 Section 34, Township 4 North, Range 3 West of the Boise Meridian and is more particularly described as follows:  
 Commencing at the SW corner of said Section 34, Thence N 89° 20' 30" E, along the South boundary of said Section 34, a distance of 358.59 feet to the TRUE POINT OF BEGINNING-  
 Thence N 0° 12' 30" W, a distance of 732.24 feet to a point on the centerline of a certain drain ditch,  
 Thence N 61° 00' 45" E, along the centerline of said drain ditch a distance of 374.89 feet to a point on the Easterly boundary of the extension of Ray Avenue as located on the Plat of McCarthy Subdivision on file in Book 6 of Plats of page 30 in the office of the Recorder of Canyon County, Idaho;  
 Thence S 0° 12' 30" E, along said extended East boundary of Ray Avenue a distance of 90.10 feet;  
 Thence a distance of 189.93 feet on a curve to the left with radius 374.83 feet and whose long chord bears S 14° 43' 30" E a distance of 187.91 feet;  
 Thence S 29° 14' 30" E a distance of 425.72 feet;  
 Thence a distance of 101.95 feet on a curve to the right with radius 201.20 feet and whose long chord bears S 14° 43' 30" E a distance of 100.86 feet;  
 Thence S 0° 12' 30" E, a distance of 166.07 feet to a point on the South boundary of said Section 34,  
 Thence S 89° 20' 30" W, along said South boundary a distance of 607.59 feet to the TRUE POINT OF BEGINNING.  
 This parcel contains 9.25 acres more or less.

I hereby certify that this is a true and accurate reproduction of the Plat of ROSEWOOD - SUBDIVISION in Canyon County, Idaho.

*Ronald M. Blakley*  
 4/24/64

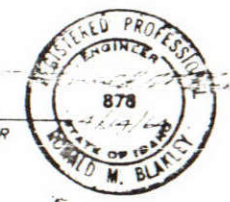
VET'S

SW corner, Section 34;  
 T4N, R3W of the  
 BOISE MERIDIAN 358.59



STATE OF IDAHO S.S.  
 COUNTY OF CANYON

I, RONALD M. BLAKLEY, a Registered Professional Engineer in and for said county and State, do hereby certify that the survey of ROSEWOOD SUBDIVISION in Canyon County, Idaho, as described on this Plat was made by me or under my direction and that this Plat correctly shows the survey as made.  
 IN WITNESS WHEREOF, I have hereunto set my hand and seal this 4th day of April, A.D. 1964.



STATE OF IDAHO S.S.  
 COUNTY OF CANYON

On this 24th day of April, A.D. 1964, before me, James H. Gates, a notary public in and for the said County and State, personally appeared RONALD M. BLAKLEY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 24th day of April, A.D. 1964.  
 NOTARY PUBLIC James H. Gates  
 Residing at Salt Lake City, Utah  
 My commission expires MAY 25, 1968

TO HAVE



I hereby certify that this instrument was filed for record at the request of James H. Gates at 55 minutes past 10:00 O'clock A.M. this 24th day of April, A.D. 1964.

Fee \$ 5.00 Instrument No. 548948  
 Recorder S. S. Looze  
 Deputy Larona Looze

September 30, 1976

CERTIFIED MAIL

138983

Re: Permit No. 63-7517

Rosewood Water Corporation  
Route 4  
Caldwell, Idaho 83605

Gentlemen:

One of the conditions of approval of your water Permit No. 63-7517 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before December 1, 1976. Enclosed is an affidavit form which must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously received an extension of time, you may request an extension of time provided the delay is for reasonable cause as indicated in Section 42-204, Idaho Code, amended. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted.

Either the beneficial use affidavit or a request for an extension of time must be received by this Department on or before the above mentioned date, otherwise the permit will lapse and be of no further force or effect.

  
KEITH HIGGINSON  
Director

RKH:jg  
Enc: Proof affidavit

State of Idaho  
Department of Water Resources

# WATER RIGHT LICENSE

WATER RIGHT NO. 63-07517

Priority: February 20, 1990

Maximum Diversion Rate:

0.20 CFS

Maximum Diversion Volume:

31.2 AF

This is to certify, that ROSEWOOD WATER CORP

611 E DEWEY LN

CALDWELL ID 83605

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 27, 1971; and has submitted Proof of Beneficial Use on February 20, 1990. An examination indicates that the works have a diversion capacity of .200 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| DOMESTIC              | 01/01 to 12/31       | 0.20 CFS                 | 31.2 AF              |

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 34, Township 04N, Range 03W  
CANYON County

PLACE OF USE: DOMESTIC

TWN RGE SEC

04N 03W 34

SWSW

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Two points of diversion are located within SWSW, S34, T04N, R03W. Place of use is located within Lots 1-12, Blk. 1, Lots 1-9, Blk. 2, and Lots 1-6, Blk. 3, Rosewood Subdivision.
6. Domestic use is for 26 homes.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.

Witness the seal and signature of the Director, affixed at Boise, this 23<sup>RD</sup> day of DECEMBER, 1993.

Acting for R. Keith Higginson, Director

JAN 13 1994

For Office Use Only  
Amt. of Fee \$  
Date 2-20-1990  
Receipt No. C014813  
Received by J. Darrin

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 63-7517 Telephone No. 459-8218

Name(s) of Permit Holder(s): ROSEWOOD WATER CORPORATION

Post Office Address: 611 E. DEWEY LANE - CALDWELL, IDAHO 83605

Source of Water: GROUND WATER

If ground water, well driller's name: see Driller's Report Date drilled: \_\_\_\_\_

Extent of Use:  
Domestic 27 (No. of households) Irrigation 7 (No. of acres)  
Stockwater \_\_\_\_\_ (No. and type of stock) Other \_\_\_\_\_

2 wells / one MAIN well and one Backup well

Total rate and/or volume for which proof is submitted 0.50 cfs \_\_\_\_\_ acre/feet

Show date water was first diverted and beneficially used under this permit: 1972

One of the following may be a condition of approval of your permit:

Measuring device: Required? ☒ Yes ☐ No Installed? ☒ Yes ☐ No  
(main well only)

OR

Flow Measurement Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

Fee Enclosed: \$ 100.00 (See License Examination Fee Schedule)

Person to contact to accompany the Department representative during the field examination:

RONALD M. HALVERSON 459-8218  
Name Telephone No.

611 EAST DEWEY LANE - CALDWELL, IDAHO 83605  
Address

**MICROFILMED**

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

**MAR 22 1990**

2-20-90  
Date

Ronald M. Halverson Pres.  
Signature (and title if on behalf of a company or organization)

BEFORE THE DEPARTMENT OF WATER RESOURCES

OF THE

STATE OF IDAHO

|                            |   |                        |
|----------------------------|---|------------------------|
| IN THE MATTER OF PERMIT    | ) |                        |
|                            | ) |                        |
| NO. 63-7517 IN THE NAME OF | ) | ORDER OF REINSTATEMENT |
|                            | ) |                        |
| ROSEWOOD WATER CORPORATION | ) |                        |
|                            | ) |                        |

This matter having come before the Idaho Department of Water Resources (Department) the Department finds as follows:

FINDINGS OF FACT

1. On December 22, 1971, the Director of the Department of Water Resources issued Permit No. 63-7517 with a condition of approval that proof of construction of works and application of water to beneficial use be submitted on or before December 1, 1976.

2. On September 30, 1976, the Department sent a proof due notice to the permit holders.

3. On December 10, 1976, the Department sent a lapse notice to the permit holders since neither proof of beneficial use nor a request for extension of time had been received from the permit holders.

4. On February 20, 1990, Proof of Beneficial Use was received by the Department from the permit holders.

5. Section 42-218a, Idaho Code, authorizes the Department to reinstate a lapsed permit, with the priority date advanced to the date that proof of beneficial use was received, upon submittal of evidence clearly establishing the extent of beneficial use prior to the proof due date and a showing of reasonable cause why the proof was not submitted late.

**MICROFILMED**

MAR 22 1990

6. The permit holders submitted evidence to confirm that water has been put to beneficial use. Evidence includes a well drillers report and well test, both dated April, 1972.

7. The permit holders have stated that they merely overlooked the proof submittal requirement at the time it was originally requested. The permit holders discovered that the permit had lapsed when filing an adjudication claim in 1990 and subsequently submitted the proof statement late.

#### CONCLUSIONS OF LAW

1. The permit holders have submitted proof of beneficial use along with supporting evidence which establishes that water was in fact beneficially used as identified on the permit.

2. The permit holders have shown sufficient cause why the proof of beneficial use was not submitted in a timely manner.

3. The permit can be reinstated with the date of priority advanced to the date proof of beneficial use was received by the Department.

#### ORDER

IT IS HEREBY ORDERED that Permit No. 63-7517 is reinstated.

IT IS FURTHER ORDERED that the date of priority of this permit is advanced to February 20, 1990.

Dated this 7<sup>th</sup> day of March, 1990.

  
L. GLEN SAXTON  
Chief, Water Allocation Bureau

MICROFILMED

MAR 22 1990

Identification No. 63-7517

Application No. \_\_\_\_\_

STATE OF IDAHO  
DEPARTMENT OF WATER ADMINISTRATION  
**APPLICATION FOR PERMIT**

**APPROVED**

To appropriate the Public Waters of the State of Idaho  
(TYPE OR PRINT IN INK)

1. Name of applicant Rosewood Water Corporation  
post office address Route 4, Caldwell, Idaho
2. Source of water supply groundwater which is a tributary of \_\_\_\_\_
3. a. Location of point of diversion is SW 1/4 of SW 1/4 of Section 34 Township 4N  
Range 3W B.M. Canyon County, additional points of diversion if any: \_\_\_\_\_  
b. If water is not consumed, it will be discharged into Septic tanks at a point in SW 1/4  
of SW 1/4 of Section 34 Township 4N Range 3W B.M.
4. Water will be used for the following purposes:  
Amount 0.5 for domestic purpose from Jan. 1 to Dec. 31 (both dates inclusive)  
(cfs or acre feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purpose from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purpose from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre feet per annum)
5. Total quantity to be appropriated:  
a. 0.5 cubic feet per second and or  
b. \_\_\_\_\_ acre feet per annum
6. Proposed diverting works:  
a. Description of ditches, flumes, pumps, headgates, etc. 200 ft. well equipped with  
submersible pump connected to distribution system in subdivision  
b. Height of storage dam \_\_\_\_\_ feet, active reservoir capacity \_\_\_\_\_ acre feet; total reservoir  
capacity \_\_\_\_\_ acre feet, materials used in storage dam \_\_\_\_\_  
Period of year during which storage will occur \_\_\_\_\_ to \_\_\_\_\_ inclusive.  
Proposed well diameter is 8 inches, proposed depth of well is 200 feet
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use  
is 3 years.  
b. Estimated construction cost is \$ 2500.
8. Description of proposed uses:  
a. If water is ~~not~~ for irrigation:  
1. Give the place of use of water SW 1/4 of SW 1/4 of Section 34 Township 4N  
Range 3W B.M. 8.77  
2. Amount of water to be generated NA hp under \_\_\_\_\_ feet of head  
3. Amount of water in terms of volume to be watered NA  
4. To what use is water to be devoted \_\_\_\_\_  
(cfs or acre feet per annum)  
5. To what use is water 13-27  
6. To what use is water to be devoted for other purposes describe lawn and garden irrigation  
at residences

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

| TWP | RANGE | SEC | NE 1/4 |    |    |    | NW 1/4 |    |    |    | SW 1/4 |    |    |    | SE 1/4 |    |    |    | TOTALS |
|-----|-------|-----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|
|     |       |     | NE     | NW | SW | SE | NE     | NW | SW | SE | NE     | NW | SW | SE | NE     | NW | SW | SE |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |
|     |       |     |        |    |    |    |        |    |    |    |        |    |    |    |        |    |    |    |        |

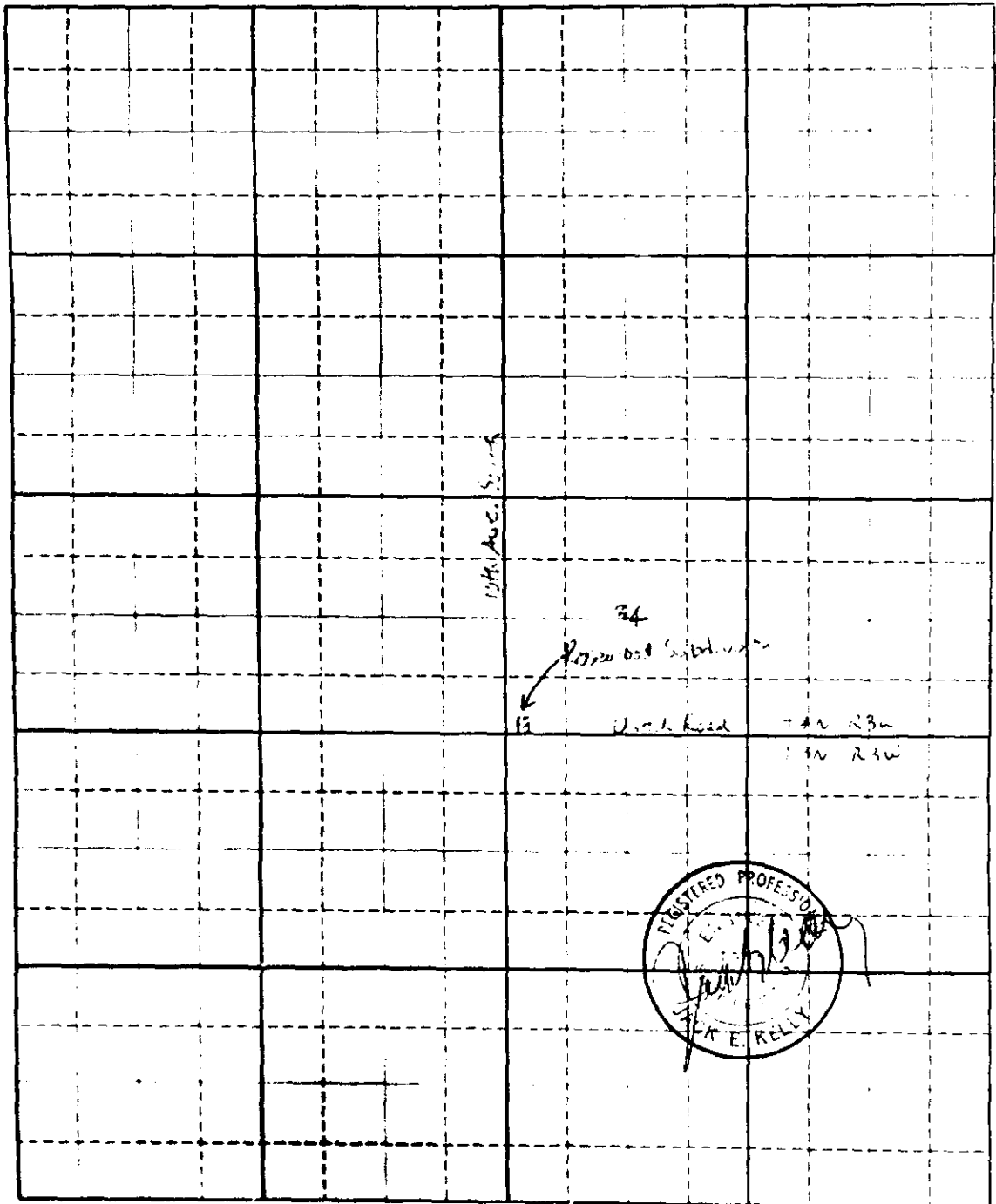
Total number of acres to be irrigated

c. Describe any other water rights used for the same purposes as described above none known

- 9 a. Who owns the property at the point of diversion applicant
- b. Who owns the land to be irrigated or place of use corporate shareholders
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing \_\_\_\_\_

10 Remarks This well will be used to replace an existing well serving the 13 residences. Within 5 years it is contemplated that an additional 14 residences will be served.

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

BEFORE ME, the undersigned hereby makes application for permit to appropriate the public water of the State of Idaho as here is set forth:

Rosewood Water Corp.

By: J. E. Kelly  
(Applicant)

62-1017

Received by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
Preliminary check by JD Fee \$ 25.75  
Received by \_\_\_\_\_ Date \_\_\_\_\_  
Publication prepared by CF Date 11-10-71  
Published in News-Tribune  
Publication dates 11-18 & 11-25-71  
Publication approved CA Date 12-1-71  
Priority reduced to 10-27-71 Reason \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Protests filed by \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Copies of protests forwarded by \_\_\_\_\_  
Hearing held by \_\_\_\_\_ Date \_\_\_\_\_  
Recommended for approval denial by AB FF JS DP OK

**ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION**

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 63-7517 and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 1976.
- c. Other: A measuring device of a type approved by this Department shall be permanently installed and maintained as part of the diverting works.

2. Denial of said application is for the following reasons: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Witness my hand this 22 day of December, 19 71.

*R. Kent Hiji*  
1971

# AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, )  
 ) ss.  
County of Canyon. )

Verla Harker  
of Caldwell, Canyon County, Idaho, being first duly sworn,  
deposes and says:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was over the age of twenty-one years, and not a party to the above entitled action.

2. That I am the Principle Clerk of the News-Tribune, a daily (except Sunday) newspaper published in the City of Caldwell, in the County of Canyon, State of Idaho; that the said newspaper is in general circulation in the said County of Canyon, and in the vicinity of Caldwell, and has been uninterruptedly published in said County during a period of seventy-eight consecutive weeks prior to the first publication of the notice, a copy of which is hereto attached.

3. That the notice, of which the annexed is a printed copy, was published in said newspaper

Two Times in the regular and entire issue of said paper, and was printed in the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:

November 10, 25, 1971

Subscribed and sworn to before me this

25th day of November, 1971

Notary Public, Residing at Nampa, Idaho

## NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Rosewood Water Corporation, Route 24, Caldwell, Idaho has on October 27, 1971 submitted Application No. 63-7517 for a permit to appropriate 0.5 cubic feet per second of water from a ground water source by means of well and pump within the SW 1/4 SW 1/4, Sec. 34, T. 4N, R. 3W, B.M., Canyon County to be used from Jan. 1 to Dec. 31 for domestic purposes for 15 to 27 families within the SW 1/4 SW 1/4, Sec. 34, T. 4N, R. 3W, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, Statehouse, Boise, Idaho, 83727, on or before December 6, 1971.

R. KEITH HIGGINSON  
Director  
November 16, 28, 1971

63-7517



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS  
GOVERNOR

R. KEITH HIGGINSON  
DIRECTOR

December 23, 1993

ROSEWOOD WATER CORP  
611 E DEWEY LN  
CALDWELL ID 83605

RE: WATER RIGHT NO. 63-07517

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', with a long horizontal line extending to the right.

JIM JOHNSON  
Water Rights Supervisor

JJ:dc

Enclosure

**MISDOCTI MEN**

JAN 13 1994

# LICENSE REVIEW CHECKLIST

Permit # 63-7517

Date 12/19/93

Cindy Zimmerman

|                 |                                         |                                     |                                                             |
|-----------------|-----------------------------------------|-------------------------------------|-------------------------------------------------------------|
| NAME            | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No         | Or Address Change? <u>611 E Dewey Ln. 459-8218</u>          |
| PRIORITY DATE   | <input type="checkbox"/>                | <input type="checkbox"/>            | Advance? <u>Yes</u> Advanced to: <u>2/20/90</u>             |
| <u>10/27/71</u> | <input type="checkbox"/>                | <input checked="" type="checkbox"/> | Order to Reinstate Needed?                                  |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Incorrect Fee for rate recommended?                         |
| SOURCE          | <input type="checkbox"/>                | <input type="checkbox"/>            | Changes? Clarification of Originally                        |
| <u>GW</u>       | <input type="checkbox"/>                | <input type="checkbox"/>            | <u>Intended</u> source                                      |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Notice of Intent to Void - Source change.                   |
| P/D             | <input type="checkbox"/>                | <input checked="" type="checkbox"/> | Amendment Needed? <u>2 P/D's SWSW</u>                       |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Overlap(s) _____                                            |
| P/U             | <input type="checkbox"/>                | <input checked="" type="checkbox"/> | Amendment Needed? _____                                     |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Overlap(s) _____                                            |
| TOTAL CFS       | <input checked="" type="checkbox"/>     | <input type="checkbox"/>            | Measurement Done? <u>measuring device in system 50psi</u>   |
| <u>.5</u>       | <input type="checkbox"/>                | <input type="checkbox"/>            | <u>Varies 35-55 psi; examiner felt unreliable.</u>          |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | <u>HP equation = .2 cfs = 3.2857</u>                        |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | <u>10*(2.3*35)</u>                                          |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | <u>System Capacity .2</u>                                   |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Allowable Amount: <u>.2</u>                                 |
| TOTAL VOLUME    | <input type="checkbox"/>                | <input type="checkbox"/>            | Season of Use: _____                                        |
| <u>31.2</u>     | <input checked="" type="checkbox"/>     | <input type="checkbox"/>            | Calculations: <u>12 AF/HM x 2.6 homes = 31.2 AF</u>         |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Flow limit: _____ x _____ x 1.9835 = _____                  |
| USES            | <input type="checkbox"/>                | <input checked="" type="checkbox"/> | Change(s) in Nature of Use? _____                           |
| <u>Dom/27</u>   | <input type="checkbox"/>                | <input type="checkbox"/>            | Amendment Needed? <u>(21 homes + 5 stubbed in wts = 26)</u> |
| REMARKS         | <input checked="" type="checkbox"/>     | <input type="checkbox"/>            | Multiple P/Ds in 1/4 1/4? <u>2 wells SWSW</u>               |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Special Overlap _____                                       |
|                 | <input checked="" type="checkbox"/>     | <input type="checkbox"/>            | Other <u>Dom/26</u>                                         |
| CONDITIONS      | <input checked="" type="checkbox"/>     | <input type="checkbox"/>            | Measure/Lock Devices <u>2/20/90</u> Proof Rc'd              |
|                 | <input type="checkbox"/>                | <input checked="" type="checkbox"/> | W/Master Control <u>63</u> Water Dist                       |
|                 | <input type="checkbox"/>                | <input type="checkbox"/>            | Irrigation Overlap <u>10/27/71</u> App Rec'd                |
|                 | <input type="checkbox"/>                | <input checked="" type="checkbox"/> | Water Quality <u>4/26/91</u> Exam Made                      |

COMMENTS: ① 2 P/D located in SWSW  
② Domestic use is for 26 homes.

RECOMMENDED CFS DIV VOL

DOM / 26 .2 31.2

LICENSE ☒  
 1ST AMEND LETTER \_\_\_\_\_  
 2ND AMEND LETTER \_\_\_\_\_

DATE: 12/17/93  
PAGE: 1

Audit: 12/17/93 ZIMMERMAN

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

Department of Water Resources

**RECEIVED**  
FEB 20 1992

**A. GENERAL INFORMATION**

Permit No. 63-7517

1. Owner: Rosewood Water Corp. Phone No. 459-8218

Current Address: 611 E. Dewey Lane; Caldwell, Idaho 83605

2. Accompanied by: Ron Halverson EXAM. DATE: 4-26-91

Address: same Phone No. same

Relationship to Permit Holder: President

3. Source: groundwater tributary to none  
2-wells.

**B. OVERLAP REVIEW**

1. Other water rights with same place of use: 63-3446, 63-11107, 63-11178

☒ Copies Attached

2. Other water rights with same point of diversion: 63-3446, 63-11178

☒ Copies Attached

☐ Copies of Field Exam's Attached

**C. SYSTEM DESCRIPTION**

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached

Diagram area with grid lines and faint text.

Scale: 1" = \_\_\_\_\_

2. ☒ Copy of U.S.G.S. Quadrangle Attached  
Showing location(s) of point(s) of diversion and  
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached

(required for irrigation of 10 acres or more).

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JAN 13 1994

**System Description (continued)**

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

Consists of a main well with an 8" casing and 3Hp submersible pump that diverts water about 50 ft. to a well house containing 9 small pressure tanks. From the well house a buried 3" pipe provides water to a 27 lot subdivision. 21 lots are occupied with single family units, 5 lots are stubbed in and the last lot contains the main well house with irrigated lawn only. The system cycles at 35-55 psi and registered 50 psi at even. An existing Badger in line flow meter registered 80 gpm but the accuracy is See Remarks on page 4 for continuation

4.

| Well or Diversion Identification No.* | Motor Make | Hp  | Motor Serial No. | Pump Make  | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|-----|------------------|------------|-----------------------------------|
| Main well                             | Red Jacket | 3Hp | 3007H            | Red Jacket | 3" 8FC                            |
| Backup                                | Franklin   | 2Hp | CBC1028V5PQ      | " "        | 2" G4970                          |
|                                       |            |     |                  |            |                                   |
|                                       |            |     |                  |            |                                   |

\*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

| Ident. No. | Gov't. Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County | Method of Determination/Remarks |
|------------|------------|-----|-----|-----|------|------|------|--------|---------------------------------|
|            |            |     | SW  | SW  | 34   | 4N   | 3W   | Canyon | Air photo quad                  |
|            |            |     |     |     |      |      |      |        |                                 |
|            |            |     |     |     |      |      |      |        |                                 |
|            |            |     |     |     |      |      |      |        |                                 |

6. Place(s) of Use:

Indicate Method of Determination

| Twp. | Rge. | Sec. | NE 1/4 |        |        |        | NW 1/4 |        |        |        | SW 1/4 |        |        |        | SE 1/4 |        |        |        | Totals |
|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |      |      | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 |        |
| 4N   | 3W   | 34   |        |        |        |        |        |        |        |        |        |        | D      |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

MICROFILMED

Do not use this space

JAN 18 1994

Do not use this space

#### D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements:

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#### E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

$$\frac{3 \times 8.8 \times .7}{12 + (2.3 \times 35)} = .20 \text{ cfs.}$$

#### F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: \_\_\_\_\_ psi x 2.31 = \_\_\_\_\_ ft (1); Dynamic pumping level: \_\_\_\_\_ ft (2)

Total Head: (1) + (2) = \_\_\_\_\_ (3) ; Flow rate: \_\_\_\_\_ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = \_\_\_\_\_ (5)

Meter Input KW: 3.6 x \_\_\_\_\_ KH x \_\_\_\_\_ CTR or \_\_\_\_\_ MULT x \_\_\_\_\_ PTR x \_\_\_\_\_ N/ \_\_\_\_\_ T = \_\_\_\_\_ (6)

Meter Input HP: (6) x 1.34 = \_\_\_\_\_ (7)

Panel Input KW: \_\_\_\_\_ Ave PF x \_\_\_\_\_ Ave Volts x \_\_\_\_\_ Ave Amps x .001732 = \_\_\_\_\_ (6)

Panel Input HP: (6) x 1.34 = \_\_\_\_\_ (7) Efficiency: (5)/(7) x 100 = \_\_\_\_\_ %

#### G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 27 \times .6 = 16.2 \text{ oia}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .14 \times 246 \times 1.9835 = 68.3 \text{ oia}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 16.2 \text{ oia}$$

2. Volume Calculations for Other Uses:

$$\text{Internal domestic} = 27 \text{ homes} \times .6 = 16.2 \text{ oia}$$

JAN 13 1994

#### H. REMARKS AND OVERLAP REVIEW ANALYSIS

is questionable. A second well with a 2 Hp pump, <sup>and</sup> 100 gallon storage tank serves as a backup.  
Other rights in same OQ do not affect this permit.

The average total lot size is 9.423 ~~ac~~. With an estimated 20% of each lot used for house and driveway the total irrigated area should be approx 4.7 acres.

Instantaneous demand for 27 internal uses per Exhibit 12 = .24 cfs  
Recommendation is based on theoretical for main well of .20 cfs  
Flow rate of .20 cfs supports volume amount of 32.4 cfa.  
Questionable flow meter rate of 80 gpm or .18 cfs  
Supports theoretical.

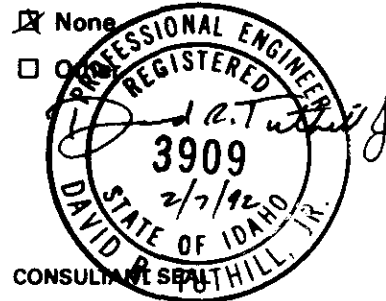
#### I. RECOMMENDATIONS

##### 1. Recommended Amounts

| Beneficial Use | Period of Use |       | Rate of Diversion | Annual Volume |
|----------------|---------------|-------|-------------------|---------------|
|                | From          | To    | Q (cfs)           | V (afa)       |
| Domestic       | 1-1           | 12-31 | .20 cfs           | 32.4 cfa      |
|                |               |       |                   |               |
|                |               |       |                   |               |
|                |               |       |                   |               |
| Totals:        |               |       | .20 cfs           | 32.4 cfa      |

##### 2. Recommended Amendments

- ☐ Change P.D. as reflected above      ☐ Add P.D. as reflected above  
☐ Change P.U. as reflected above      ☐ Add P.U. as reflected above



#### J. AUTHENTICATION

Field Examiner's Name Melvin T. Schulte  
JTW 1/27/91 Signature Melvin T. Schulte  
Certification Date \_\_\_\_\_  
Field Report Preparation Date 11-19-91

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

JAN 13 1994

# CURVE DATA

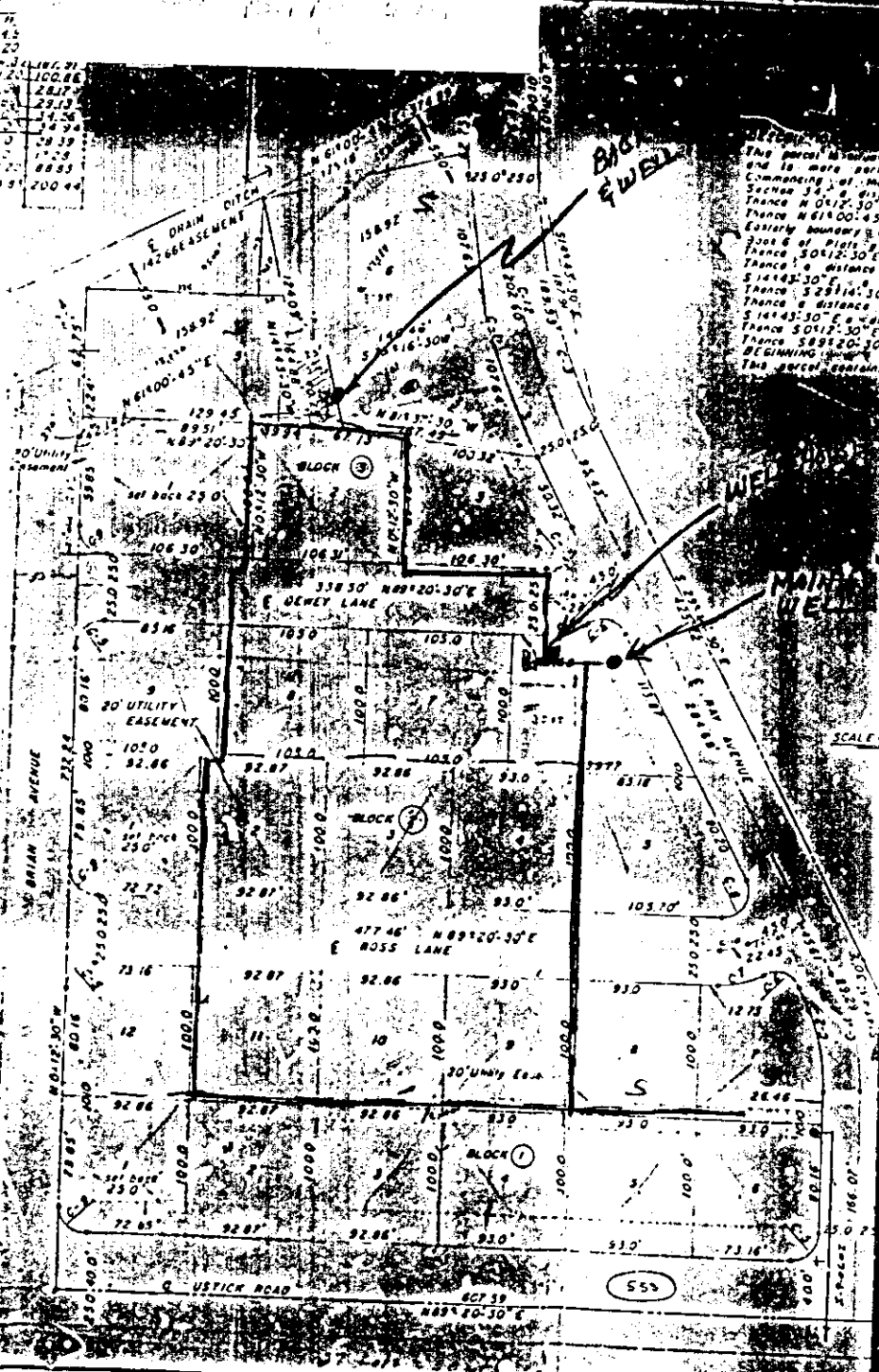
|      |        |       |        |
|------|--------|-------|--------|
| C-1  | 291.02 | 100.0 | 124.3  |
| C-2  | 291.02 | 39.15 | 121.20 |
| C-3  | 291.02 | 27.03 | 117.91 |
| C-4  | 291.02 | 20.10 | 100.88 |
| C-5  | 291.02 | 20.60 | 28.17  |
| C-6  | 291.02 | 20.60 | 28.17  |
| C-7  | 291.02 | 20.60 | 28.17  |
| C-8  | 291.02 | 20.60 | 28.17  |
| C-9  | 291.02 | 20.60 | 28.17  |
| C-10 | 291.02 | 20.60 | 28.17  |
| C-11 | 291.02 | 20.60 | 28.17  |
| C-12 | 291.02 | 20.60 | 28.17  |
| C-13 | 291.02 | 20.60 | 28.17  |
| C-14 | 291.02 | 20.60 | 28.17  |
| C-15 | 291.02 | 20.60 | 28.17  |
| C-16 | 291.02 | 20.60 | 28.17  |
| C-17 | 291.02 | 20.60 | 28.17  |
| C-18 | 291.02 | 20.60 | 28.17  |
| C-19 | 291.02 | 20.60 | 28.17  |
| C-20 | 291.02 | 20.60 | 28.17  |

I hereby certify that this is a true and accurate reproduction of the plat as recorded in the Boise Meridian in Canyon County, Idaho.

*Handwritten signature*  
*Handwritten date*

VETS

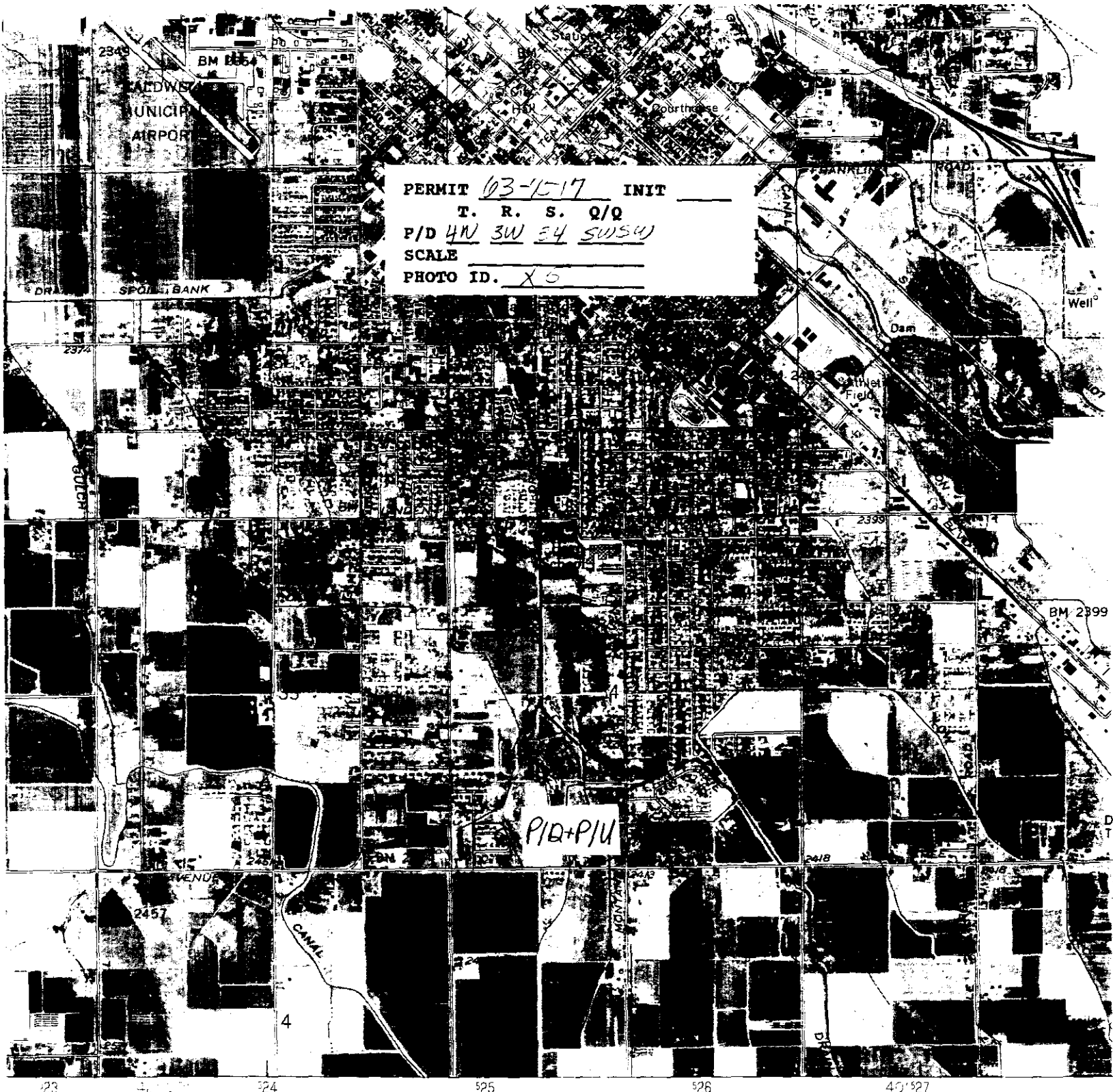
SW CORNER Section 34,  
 T4N-R3E of the  
 BOISE MERIDIAN



This parcel is situated  
 and is more particularly  
 described as follows:  
 Section 34, T4N-R3E,  
 Boise Meridian, Idaho.  
 Trance N 0°12'30\"/>

SCALE

555



SCALE 1:24,000



Copies Of These Maps Can Be Obtained  
At Bonneville Blue Print, Boise Idaho

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, MENLO PARK, CALIF. 94025

JAN 13 1994

Department of Water Resources

WELL INSPECTION FORM

*Main well*

If well is associated with water right, provide WR# 63-07517

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description: TWP 4N, Rge 3W, Sec. 34, SW 1/4 SW 1/4 or Lot       .
2. Owner: Rosewood Water Corp.  
Address RT 4, City Caldwell, St Id.
3. Casing  $\geq$  12 inches above ground: Yes ☒ No ☐
4. Access Port: Yes ☐ No ☒ Static Water Level: 12'  
Pressure Gauge: Yes ☒ No ☐ Casing Diameter: 8"  
Flowing: Yes ☐ No ☒ Temperature:
5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes ☐ No ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**RECORDED**  
**JAN 13 1994**

Backup

6" diameter

- 2" discharge 2Hp - Red Jacket

Motor - Franklin - CBC1028/502

12' level

50# pressure in 50 gal tank

80' well

180' - Main Well - 50#

12' level

8" casing - 3" discharge

50# pressure

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JAN 13 1994

Department of Water Resources

WELL INSPECTION FORM

*Backup*

If well is associated with water right, provide WR# 63-7517

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description: TWP 4N, Rge 3W, Sec. 34, SW 1/4 SW 1/4 or Lot \_\_\_\_\_.
2. Owner: Rosewood Water Corp  
Address Rt 4, City Caldwell, St Id.
3. Casing  $\geq$  12 inches above ground: Yes ☒ No ☐
4. Access Port: Yes ☐ No ☒ Static Water Level: 12'  
Pressure Gauge: Yes ☒ No ☐ Casing Diameter: 6"  
Flowing: Yes ☐ No ☒ Temperature: \_\_\_\_\_
5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes ☐ No ☒

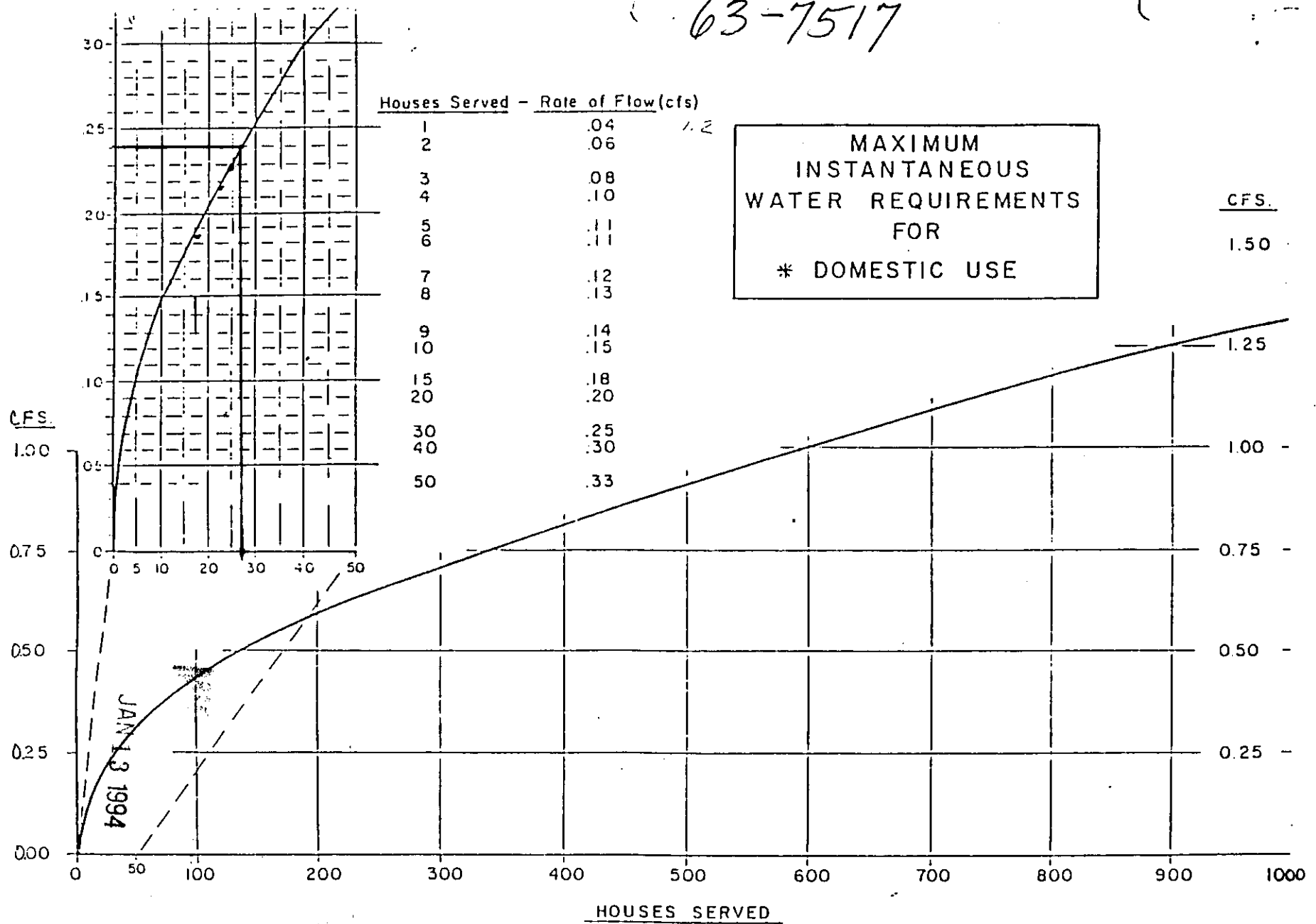
If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

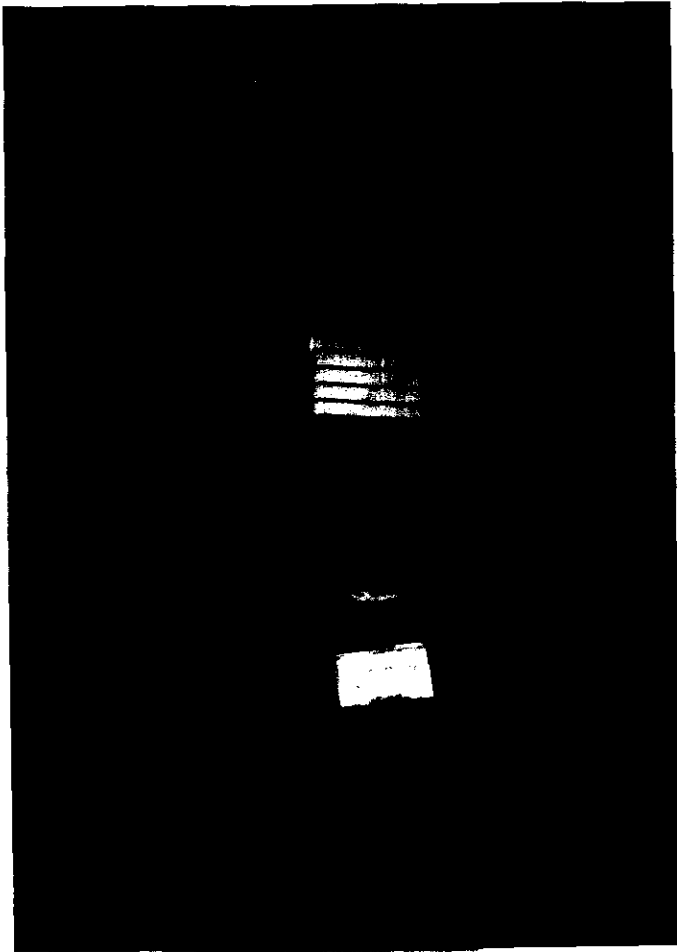
**MICROFILMED**

JAN 13 1994

63-7517

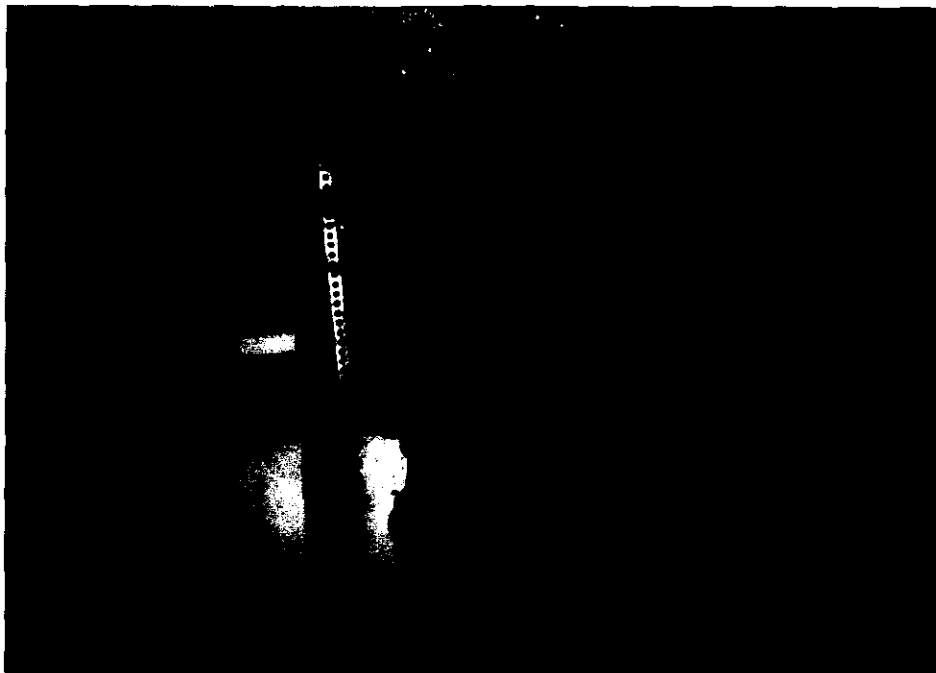


63-7517



#1.

Main well with well house  
in background.



#2.

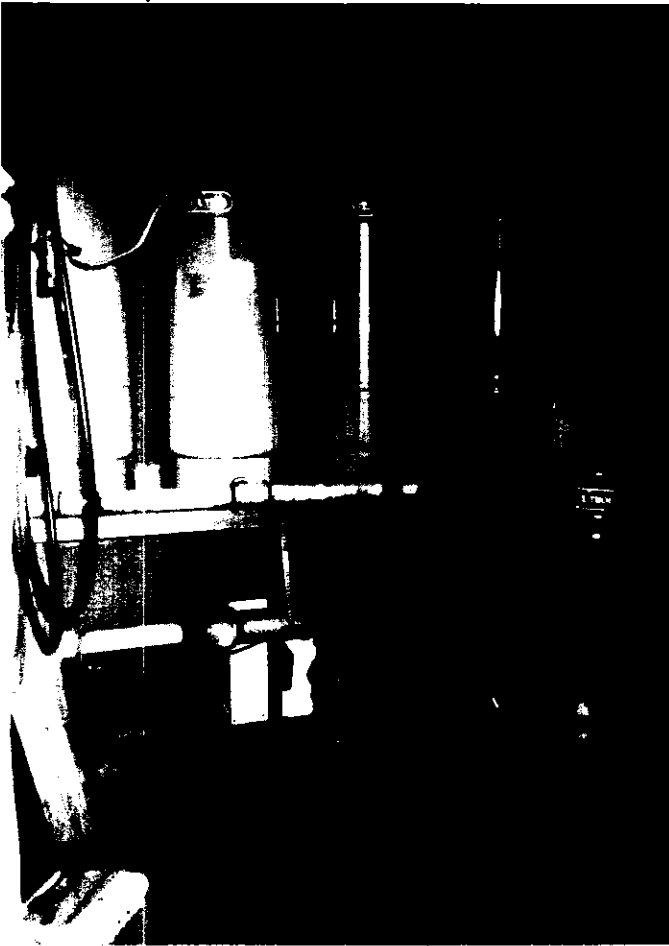
Flow meter

JAN 13 1994

63-7517

#3

Storage tanks and  
pressure switch assembly  
in main well house



#4.

Storage tanks in main  
well house.



JAN 13 1994

63-7517



#5.

Well house for  
backup well.

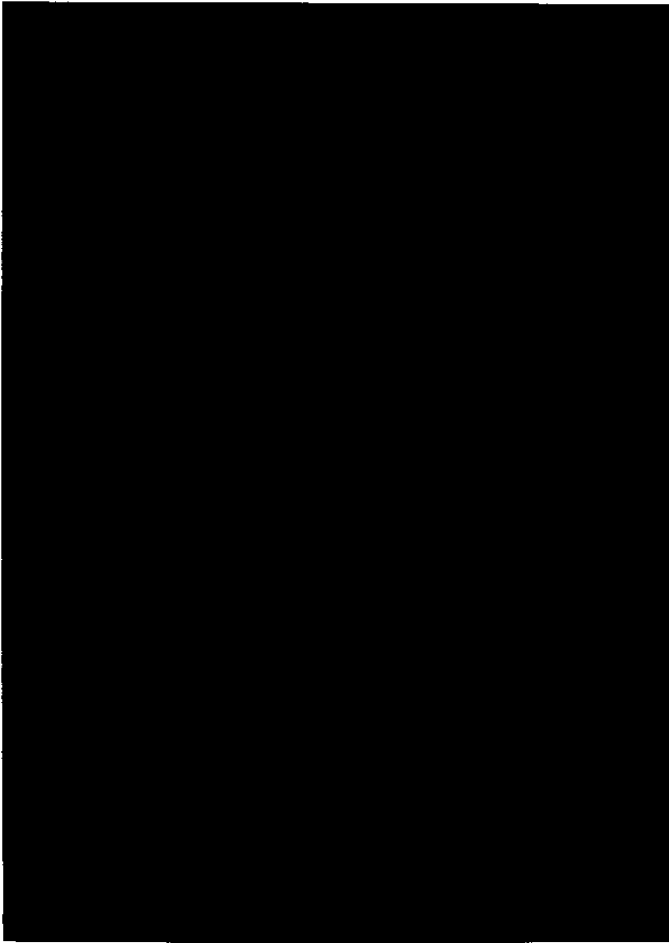


#6.

Storage tank for backup  
well.

JAN 13 1994

63-7517



#7.  
backup well casing

WISCONSIN

JAN 13 1977



State of Idaho

**DEPARTMENT OF WATER RESOURCES**

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

March 9, 1990

RE: Permit No. 63-7517

Rosewood Water Corporation  
611 E. Dewey Lane  
Caldwell, ID 83605

Dear Permit Holder(s):

We acknowledge receipt of the statement of beneficial use and the supporting documentation for reinstating the above referenced permit. Before a license can be issued, a field examination will be made by a representative of this Department. Enclosed is an Order of Reinstatement. Please note that the priority date has been advanced to February 20, 1990.

If you have any questions regarding this matter, please contact this office or our Western Regional Office at 334-2190.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Jim Johnson', written over the typed name and title.

JIM JOHNSON  
Water Rights Supervisor

JJ:js

Enclosure

**MICROFILMED**

**MAR 22 1990**

State of Idaho  
Department of Reclamation

WELL DRILLER'S REPORT

MAIN WELL

| <p>1. WELL OWNER</p> <p>Name _____</p> <p>Address _____</p> <p>City _____</p> <p>State _____</p> <p>Zip _____</p>                                                                                                                                                                                                                         |                 | <p>2. WATER USER</p> <p>For _____</p> <p>Use _____</p> <p>Plow _____</p>                                                                                                                                                                                                                                                                                                |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| <p>3. WELL TEST DATA</p> <table border="1"> <thead> <tr> <th>Test No.</th> <th>Date</th> <th>Time</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4/11/22</td> <td>10:00 AM</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |                 | Test No.                                                                                                                                                                                                                                                                                                                                                                | Date  | Time | Other | 1 | 4/11/22 | 10:00 AM |  | 2 |  |  |  | 3 |  |  |  | <p>4. LITHOLOGIC LOG</p> <table border="1"> <thead> <tr> <th>Depth (Feet)</th> <th>Material</th> <th>Water</th> </tr> <tr> <th></th> <th></th> <th>Yes No</th> </tr> </thead> <tbody> <tr><td>0</td><td>Surface</td><td></td></tr> <tr><td>1</td><td>Dark brown loam</td><td></td></tr> <tr><td>2</td><td>Dark brown loam</td><td></td></tr> <tr><td>3</td><td>Dark brown loam</td><td></td></tr> <tr><td>4</td><td>Dark brown loam</td><td></td></tr> <tr><td>5</td><td>Dark brown loam</td><td></td></tr> <tr><td>6</td><td>Dark brown loam</td><td></td></tr> <tr><td>7</td><td>Dark brown loam</td><td></td></tr> <tr><td>8</td><td>Dark brown loam</td><td></td></tr> <tr><td>9</td><td>Dark brown loam</td><td></td></tr> <tr><td>10</td><td>Dark brown loam</td><td></td></tr> <tr><td>11</td><td>Dark brown loam</td><td></td></tr> <tr><td>12</td><td>Dark brown loam</td><td></td></tr> <tr><td>13</td><td>Dark brown loam</td><td></td></tr> <tr><td>14</td><td>Dark brown loam</td><td></td></tr> <tr><td>15</td><td>Dark brown 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| 5                                                                                                                                                                                                                                                                                                                                         | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 6                                                                                                                                                                                                                                                                                                                                         | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 7                                                                                                                                                                                                                                                                                                                                         | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 8                                                                                                                                                                                                                                                                                                                                         | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 9                                                                                                                                                                                                                                                                                                                                         | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 10                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 11                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 12                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 13                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 14                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 15                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 16                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 17                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 18                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 19                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 20                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 21                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 22                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 23                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 24                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 25                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 26                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 27                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 28                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 29                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 30                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 31                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 32                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 33                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 34                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| 35                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 36                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 37                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 38                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 39                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 40                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 41                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 42                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 43                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 44                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 45                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 46                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 47                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| 48                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 49                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 50                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 51                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| 52                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 53                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 54                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 55                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| 56                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 57                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 58                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 59                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 60                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 61                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 62                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 63                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 64                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 65                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 66                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 67                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 68                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 69                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 70                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 71                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 72                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| 73                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 74                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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 |    |                 |  |    |                 |  |     |                 |  |
| 75                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 76                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 77                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 78                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 79                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 80                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 81                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 82                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 83                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 84                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 85                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 86                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 87                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 88                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 89                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 90                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 91                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 92                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 93                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 94                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 95                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |                 |  |    |      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| 96                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| 97                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 98                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 99                                                                                                                                                                                                                                                                                                                                        | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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| 100                                                                                                                                                                                                                                                                                                                                       | Dark brown loam |                                                                                                                                                                                                                                                                                                                                                                         |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                   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 |    |                 |  |    |                 |  |     |                 |  |
| <p>5. LOCATION OF WELL</p> <p>Sketch in location must agree with written</p> <p>County <u>CARLETON</u></p> <p>SW 1/4 Sec 12 T. 12 N. R. 12 E. W</p>                                                                                                                                                                                       |                 | <p>10. Work started <u>4/11/22</u> finished <u>4/11/22</u></p> <p>11. DRILLER'S CERTIFICATION</p> <p>I hereby certify that my supervision and this report is true to the best of my knowledge</p> <p>Driller's or Firm's Name <u>W. J. Anderson</u> Number <u>45</u></p> <p>Assign <u>W. J. Anderson</u></p> <p>Signed By <u>W. J. Anderson</u> Date <u>4/11/22</u></p> |       |      |       |   |         |          |  |   |  |  |  |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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# WELL TEST

Date.. April 26, 1972..... Tested by.... Ken Witt.....  
Well.. Rosewood Water Corp. #2..... Supervised by.... J. Kelly.....  
Pumping Equipment.... Vertical turbine pump, 55' of 3" column with 8" bowls...  
.....  
Measuring Device... 2 1/2" orifice or 4" discharge pipe.....

| <u>Time</u> | <u>Depth to Water</u> | <u>Manometer<br/>or Meter</u> | <u>Discharge</u> | <u>Remarks</u>           |
|-------------|-----------------------|-------------------------------|------------------|--------------------------|
| 0950        | 11.7                  | .....                         | .....            | Static water level....   |
| .....       | .....                 | .....                         | .....            | Ref. pt. top of casing   |
| .....       | .....                 | .....                         | .....            | ±2' above ground surface |
| 0953        | .....                 | .....                         | .....            | Started pumping          |
| 0955        | 21.0                  | 19"                           | 109 gpm          | .....                    |
| 1005        | 22.5                  | 20"                           | 112              | Clear 3 to 5 grains of   |
| .....       | .....                 | .....                         | .....            | sand in 1 quart          |
| 1015        | .....                 | 36"                           | 152              | Increased discharge      |
| 1020        | 26.4                  | 37.5"                         | 155              | Clear - no sand-sampled  |
| 1040        | 26.85                 | 37.5                          | 155              | Clear - no sand          |
| 1050        | 26.85                 | 37.5                          | 155              | Clear - no sand          |

## Partial Water Analysis

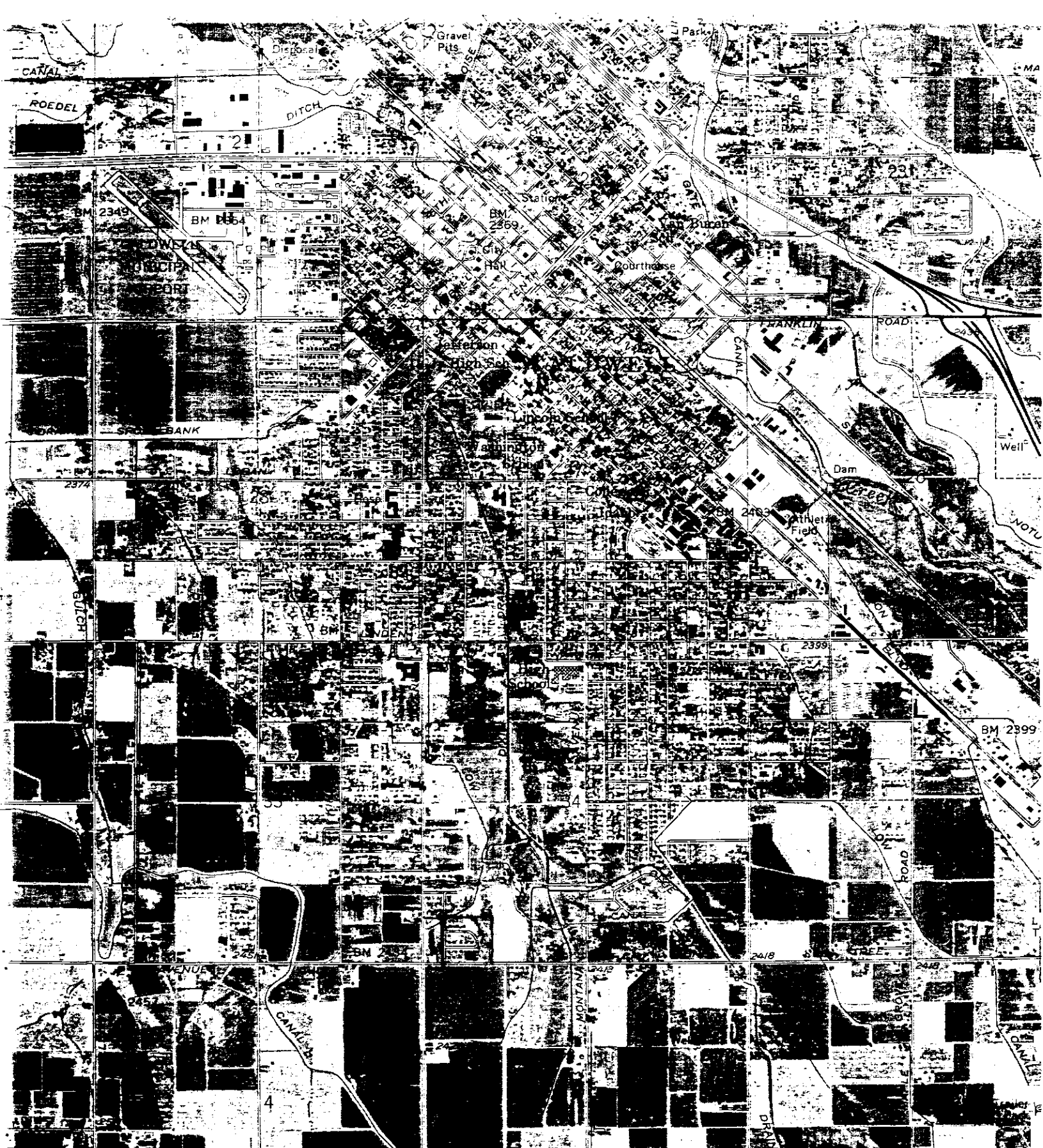
Total Hardness - 360 ppm (21 grains per gallon)

Iron - Less than 0.1 ppm.

**MICROFILMED**  
MAR 22 1990

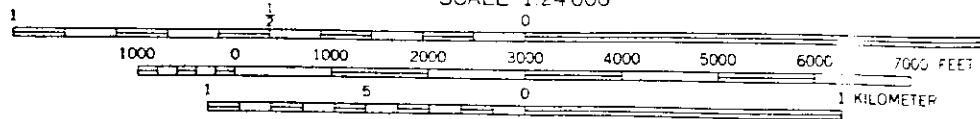
**ANDERSON & KELLY**

CONSULTANTS IN ENGINEERING AND GEOLOGY



523 42' 30" 524 525 526

SCALE 1:24,000



**MICROFILMED**

MAR 22 1990

Copies Of These Maps Can Be Obtained  
At Bonneville Blue Print, Boise Idaho

# CURVE DATA

| C- No. | Central angle | T- ft. | R- ft. | L- ft. |
|--------|---------------|--------|--------|--------|
| C-1    | 29° 02'       | 110.0  | 424.63 | 212.98 |
| C-2    | 29° 02'       | 39.15  | 151.20 | 75.80  |
| C-3    | 29° 02'       | 97.05  | 374.83 | 187.91 |
| C-4    | 29° 02'       | 52.10  | 201.20 | 100.86 |
| C-5    | 89° 33'       | 19.84  | 20.00  | 28.17  |
| C-6    | 90° 00'       | 20.60  | 20.60  | 29.13  |
| C-7    | 29° 02'       | 17.83  | 70.60  | 34.56  |
| C-8    | 89° 33'       | 13.67  | 20.00  | 24.94  |
| C-9    | 90° 27'       | 20.5   | 20.0   | 28.39  |
| C-10   | 29° 35'       | 11.46  | 45.0   | 22.8   |
| C-11   | 29° 02'       | 45.62  | 176.20 | 88.83  |
| C-12   | 29° 02'       | 103.43 | 399.93 | 200.44 |

Tim Luke

## ROSEWOOD - SUBDIVISION IN CANYON COUNTY, IDAHO

### DESCRIPTION

This parcel is situated in the SW 1/4 SW 1/4 Section 34, Township 4 North, Range 3 West of the Boise Meridian and is more particularly described as follows:  
Commencing at the SW corner of said Section 34, Thence N 89° 20' 30" E, along the South boundary of said Section 34, a distance of 358.59 feet to the TRUE POINT OF BEGINNING.  
Thence N 0° 12' 30" W, a distance of 732.24 feet to a point on the centerline of a certain drain ditch,  
Thence N 61° 00' 45" E, along the centerline of said drain ditch a distance of 374.89 feet to a point on the Easterly boundary of the extension of Ray Avenue as located on the Plat of McCarthy Subdivision on file in Book 6 of Plats of page 30 in the office of the Recorder of Canyon County, Idaho;  
Thence S 0° 12' 30" E, a long said extended East boundary of Ray Avenue a distance of 90.10 feet;  
Thence a distance of 189.93 feet on a curve to the left with radius 374.83 feet and whose long chord bears S 14° 43' 30" E a distance of 187.91 feet;  
Thence S 29° 14' 30" E a distance of 425.72 feet;  
Thence a distance of 101.95 feet on a curve to the right with radius 201.20 feet and whose long chord bears S 14° 43' 30" E a distance of 100.86 feet;  
Thence S 0° 12' 30" E, a distance of 166.07 feet to a point on the South boundary of said Section 34,  
Thence S 89° 20' 30" W, along said South boundary a distance of 607.59 feet to the TRUE POINT OF BEGINNING.  
This parcel contains 9.25 acres more or less.

### STATE OF IDAHO S.S. COUNTY OF CANYON

I, RONALD M. BLAKLEY, a Registered Professional Engineer in and for said county and State, do hereby certify that the survey of ROSEWOOD SUBDIVISION in Canyon County, Idaho, as described on this Plat was made by me or under my direction and that this Plat correctly shows the survey as made.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 1st day of April, A.D. 1964.



### STATE OF IDAHO S.S. COUNTY OF CANYON

On this 1st day of April, A.D. 1964, before me, Notary Public, a notary public in and for the said County and State, personally appeared RONALD M. BLAKLEY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same,

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 1st day of April, A.D. 1964.

NOTARY PUBLIC James H. Daise  
Residing at Idaho Falls, Idaho  
My commission expires Mar 25, 1968

TO HAVE

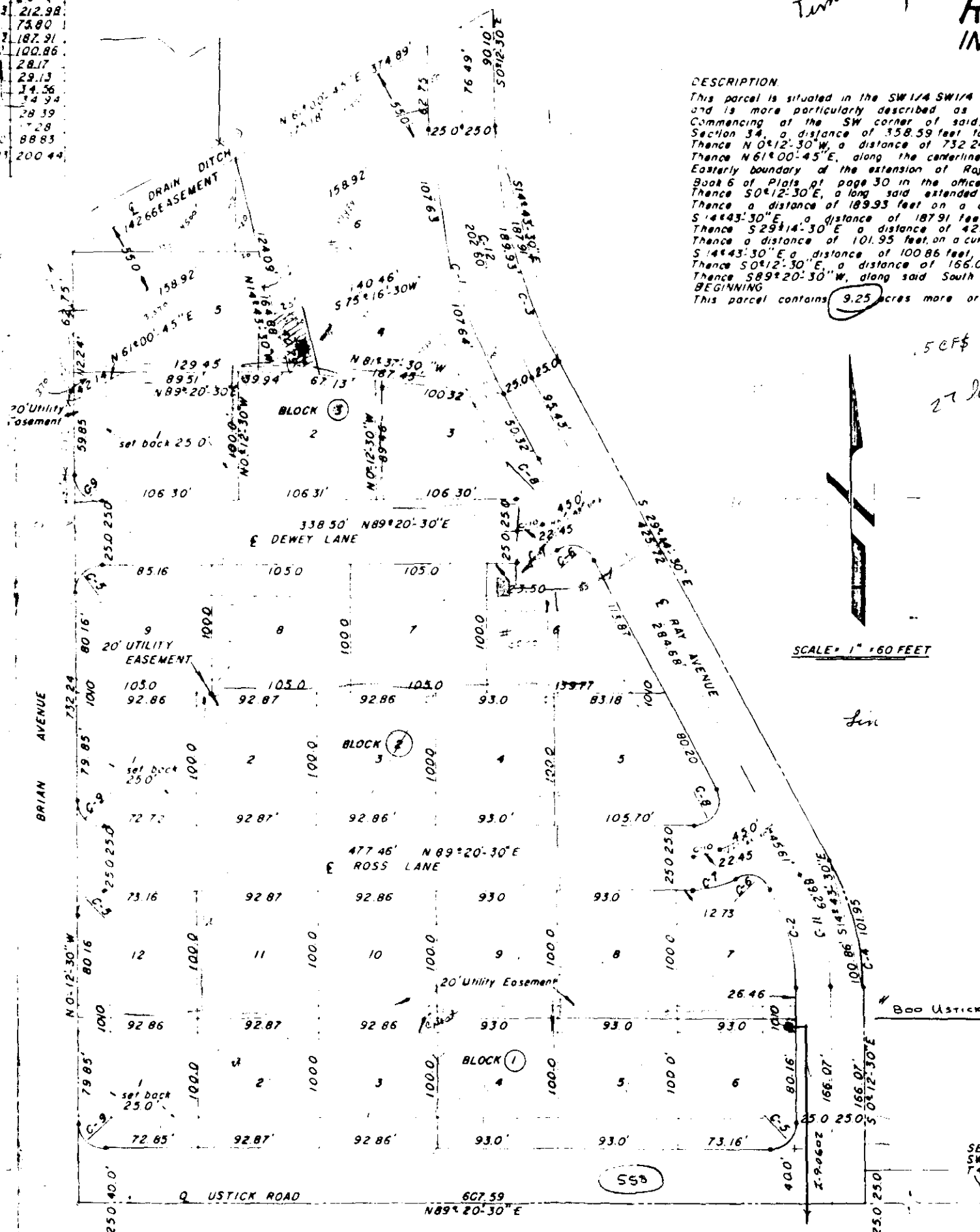
I hereby certify that this instrument was filed for record at the request of James H. Daise at 55 minutes past 6:00 O'clock A.M. this 24th day of April, A.D. 1964.

Fee \$ 5.00 Instrument No. 548948  
Recorder J. L. Gault  
Deputy Thomas A. Gault

I hereby certify that this is a true and accurate reproduction of the Plat of ROSEWOOD SUBDIVISION in Canyon County, Idaho.

*Ronald M. Blakley*  
4/24/64

SW corner Section 34;  
T4N, R3W of the  
BOISE MERIDIAN 358.59



SCALE 1" = 60 FEET

lin

BOO USTICK

SE Corner  
SW 1/4 Sec. 34,  
T4N, R3W, B.M.

Plat  
5-24-64  
MTH-SYS  
P. 114

# WARNING

CANCELLED OR LAPSED

This permit has been officially CANCELLED or LAPSED.

Ninety days following the date of official action this file will be DESTROYED.



# STATE OF IDAHO

## DEPARTMENT OF WATER RESOURCES

Cecil D. Andrus  
Governor

R. Keith Higginson  
Director

Statehouse  
Boise, Idaho 83720  
(208) 384-2215

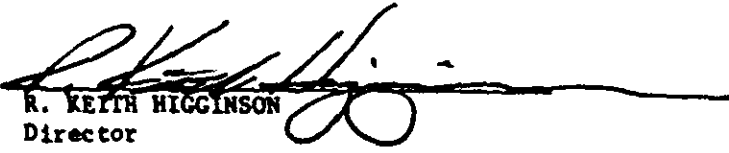
December 10, 1976

Rosewood Water Corp.  
Attn: Clifford Bond, Pres.  
Route 1, Box 1016  
Nampa, Idaho 83651

Dear Mr. Bond:

You are hereby notified that under the provisions of Section 42-218a of the Idaho Code, Permit No. 63-7517 has lapsed.

You are further advised that the Department cannot reinstate the permit except upon a showing of reasonable cause within 60 days from the date of this notice of lapsing.

  
R. KEITH HIGGINSON  
Director

RKH:jg

### WATER RESOURCE BOARD:

John F. Strain  
Chairman  
Franklin Jones  
Member

George L. Yost  
Vice-Chairman  
M. Reed Hansen  
Member

Donald R. Kramer  
Secretary  
Scott W. Reed  
Member

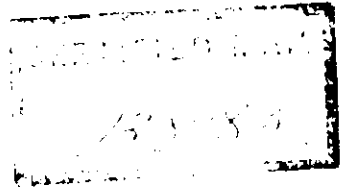
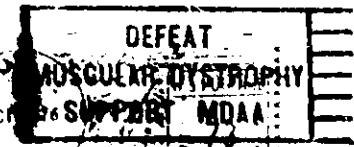
Edwin C. Schlander  
Member  
Joseph H. Nettleton  
Member

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
Caldwell, Idaho 83605



from  
Caldwell, Idaho 83605

- Moved, left no address
- No such number
- Addressee unknown
- Refused
- Undeliverable as addressed
- Unable to forward



Rosewood Water Corp.  
Rt. 4  
Caldwell, ID 83605

*unknown NY*  
*resent 10/7/76*  
*C/O Clifford R. Lord*  
*Rt. 1, Box 1016*  
*Nampa, ID*

September 30, 1976

CERTIFIED MAIL

13 8983

Re: Permit No. 63-7517

Rosewood Water Corporation  
Route 4  
Caldwell, Idaho 83605

Gentlemen:

One of the conditions of approval of your water Permit No. 63-7517 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before December 15, 1976. Enclosed is an affidavit form which must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously received an extension of time, you may request an extension of time provided the delay is for reasonable cause as indicated in Section 42-204, Idaho Code, amended. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted.

Any request for an extension of time must be received by this office on or before the above mentioned date. Without the permit extension, the permit is void.

  
KEITH HIGGINS  
Director

cc: Mr. Fred McLaughlin

USE TYPEWRITER OR  
BALL POINT PEN

State of Idaho  
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer  
within 30 days after completion or abandonment of the well.

| <p><b>1. WELL OWNER</b></p> <p>Name <u>ROSEWOOD WATER CORP</u></p> <p>Address <u>CALDWELL, IDAHO</u></p> <p>Owner's Permit No. <u>63-7517</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p><b>7. WATER LEVEL</b></p> <p>Static water level <u>10</u> feet below land surface</p> <p>Flowing? <input type="checkbox"/> Yes <input type="checkbox"/> No G.P.M. flow _____</p> <p>Temperature _____ ° F. Quality _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
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| <p><b>2. NATURE OF WORK</b></p> <p><input type="checkbox"/> New well <input type="checkbox"/> Deepened <input checked="" type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe method of abandoning) _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p><b>8. WELL TEST DATA</b></p> <p><input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Other</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Draw Down</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">16 FT</td> <td style="text-align: center;">2 HOURS</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Discharge G.P.M. | Draw Down           | Hours Pumped | 150        | 16 FT    | 2 HOURS   |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| Discharge G.P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Draw Down                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Hours Pumped     |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 FT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 HOURS          |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| <p><b>3. PROPOSED USE</b></p> <p><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test</p> <p><input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>9. LITHOLOGIC LOG</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>0</td> <td>6</td> <td>TOP SOIL</td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>6</td> <td>12</td> <td>SANDY CLAY</td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>12</td> <td>30</td> <td>BRICK</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>30</td> <td>55</td> <td>BROWN SAND</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>55</td> <td>80</td> <td>SANDY CLAY</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>80</td> <td>95</td> <td>BROWN SAND</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>95</td> <td>112</td> <td>CLEAN SAND (medium)</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>112</td> <td>130</td> <td>SANDY CLAY</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>130</td> <td>145</td> <td>FINE SAND</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>145</td> <td>152</td> <td>MEDIUM SAND</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>152</td> <td>163</td> <td>SANDY CLAY</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>163</td> <td>175</td> <td>FINE SAND</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>175</td> <td></td> <td>YELLOW CLAY</td> <td></td> <td></td> </tr> </tbody> </table> | Hole Diam.       | Depth               |              | Material   | Water    |           | From    | To         | Yes      | No      | 12       | 0 | 6        | TOP SOIL |          |  | 12       | 6        | 12       | SANDY CLAY |          |          | 12       | 12     | 30   | BRICK |                    |            | 8          | 30                 | 55         | BROWN SAND |                    |            | 8          | 55 | 80 | SANDY CLAY |  |  | 8 | 80 | 95 | BROWN SAND |  |  | 8 | 95 | 112 | CLEAN SAND (medium) |  |  | 8 | 112 | 130 | SANDY CLAY |  |  | 8 | 130 | 145 | FINE SAND |  |  | 8 | 145 | 152 | MEDIUM SAND |  |  | 8 | 152 | 163 | SANDY CLAY |  |  | 8 | 163 | 175 | FINE SAND |  |  | 8 | 175 |  | YELLOW CLAY |  |  |
| Hole Diam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | Material            | Water        |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | To               |                     | Yes          | No         |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6                | TOP SOIL            |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12               | SANDY CLAY          |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30               | BRICK               |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 55               | BROWN SAND          |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 80               | SANDY CLAY          |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95               | BROWN SAND          |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 112              | CLEAN SAND (medium) |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 130              | SANDY CLAY          |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 145              | FINE SAND           |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 152              | MEDIUM SAND         |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 163              | SANDY CLAY          |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 163                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 175              | FINE SAND           |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 175                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  | YELLOW CLAY         |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| <p><b>4. METHOD DRILLED</b></p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rotary <input type="checkbox"/> Dug <input type="checkbox"/> Other</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| <p><b>5. WELL CONSTRUCTION</b></p> <p>Diameter of hole <u>8</u> inches Total depth <u>175</u> feet</p> <p>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>3/2 inches</td> <td>8 inches</td> <td>0-18 feet</td> <td>18 feet</td> </tr> <tr> <td>250 inches</td> <td>6 inches</td> <td>18 feet</td> <td>105 feet</td> </tr> <tr> <td></td> <td>6 inches</td> <td>110 feet</td> <td>135 feet</td> </tr> <tr> <td></td> <td>6 inches</td> <td>140 feet</td> <td>147 feet</td> </tr> <tr> <td></td> <td>6 inches</td> <td>152 feet</td> <td>175 feet</td> </tr> </tbody> </table> <p>Was a packer or seal used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch</p> <p>Size of perforation _____ inches by _____ inches</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Well screen installed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Manufacturer's name <u>JOHNSEN</u></p> <p>Type <u>ARMOR</u> Model No. _____</p> <p>Diameter <u>8</u> Slot size <u>25</u> Set from <u>105</u> feet to <u>110</u> feet</p> <p>Diameter <u>8</u> Slot size <u>15</u> Set from <u>135</u> feet to <u>140</u> feet</p> <p>Diameter <u>8</u> Slot size <u>25</u> Set from <u>147</u> feet to <u>152</u> feet</p> <p>Gravel packed? <input type="checkbox"/> Yes <input type="checkbox"/> No Size of gravel _____</p> <p>Placed from _____ feet to _____ feet</p> <p>Surface seal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No To what depth <u>20</u> feet</p> <p>Material used in seal <input checked="" type="checkbox"/> Cement grout <input type="checkbox"/> Pudding clay</p> | Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Diameter         | From                | To           | 3/2 inches | 8 inches | 0-18 feet | 18 feet | 250 inches | 6 inches | 18 feet | 105 feet |   | 6 inches | 110 feet | 135 feet |  | 6 inches | 140 feet | 147 feet |            | 6 inches | 152 feet | 175 feet | Number | From | To    | _____ perforations | _____ feet | _____ feet | _____ perforations | _____ feet | _____ feet | _____ perforations | _____ feet | _____ feet |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | From             | To                  |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 3/2 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0-18 feet        | 18 feet             |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| 250 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18 feet          | 105 feet            |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 110 feet         | 135 feet            |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 140 feet         | 147 feet            |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 152 feet         | 175 feet            |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | To               |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet       |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet       |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet       |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
| <p><b>6. LOCATION OF WELL</b></p> <p>Sketch map location must agree with written location.</p> <div style="text-align: center;"> </div> <p>County <u>CANYON</u></p> <p>SW x SE x Sec <u>34 T. 3 N. R. 2 E</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p><b>10.</b></p> <p>Work started <u>4/1/72</u> finished <u>4/27/72</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p><b>11. DRILLER'S CERTIFICATION</b></p> <p>This well was drilled under my supervision and this report is true to the best of my knowledge.</p> <p>Driller's or Firm's Name <u>JOHNSEN and SONS</u> Number <u>455</u></p> <p>Address <u>Caldwell, Idaho</u></p> <p>Signed By <u>JOHNSEN</u> Date <u>4/27/72</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |                     |              |            |          |           |         |            |          |         |          |   |          |          |          |  |          |          |          |            |          |          |          |        |      |       |                    |            |            |                    |            |            |                    |            |            |    |    |            |  |  |   |    |    |            |  |  |   |    |     |                     |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |     |             |  |  |   |     |     |            |  |  |   |     |     |           |  |  |   |     |  |             |  |  |

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

**STATE OF IDAHO**  
**DEPARTMENT OF WATER ADMINISTRATION**

Statehouse - Annex 2  
Boise, Idaho 83707  
(208) 384-2215



R. Keith Ingvaldsen  
Director

Water Rights Administration  
Water Resource Investigations  
Dam and Reservoir Safety  
Water Well Drilling  
Flood Plain Management  
Irrigation and  
Flood Control Districts

**December 29, 1971**

**Re: Permit No. 63-7517 - Rosewood Water Corporation**

**Rosewood Water Corporation**  
**Route 4**  
**Caldwell, Idaho 83605**

**Gentlemen:**

Enclosed is a copy of your approved Application for Permit No. 63-7517. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Very truly yours,

**BOBBY D. FLEENOR**  
**Assistant Director**

**BDF:cr**

**Enclosures**

**63-7517**



November 24, 1971

Donald W. McEldowney  
Appropriation Supervisor  
Department of Water Administration  
Annex 2  
Boise, Idaho 83707

Re: Application No. 63-7517-Rosewood Water Corp., Caldwell, Idaho  
" " 63-7521-Elm Grove Trailer Park, Meridian, Idaho

Dear Mr. McEldowney:

A check of the files revealed no approved plans and specifications for the above referenced applications for permit. It would appear that these are both existing facilities which are expanding, however, we are not aware of such action.

We will retain the copies that you sent to us for our files.

Sincerely,

Jerry L. Voder  
Sr. Public Health Engineer  
Water Pollution Control Section  
Environmental Improvement Division

JLY/ged

cc Central District Health Department  
Southwestern Health Department

68 7 17

**STATE OF IDAHO**

**DEPARTMENT OF WATER ADMINISTRATION**

Statehouse - Annex 2

Boise, Idaho 83707

(208) 384-2215



R. Keith Higgins  
Director

Water Rights Administration  
Water Resource Investigations  
Dam and Reservoir Safety  
Water Well Drilling  
Flood Plain Management  
Irrigation and  
Flood Control Districts

November 15, 1971

Re: Application No. 63-7517 - Rosewood Water Corporation  
" " 63-7521 - Elm Grove Trailer Park

Mr. Vaughn Anderson  
Dept. of Health  
Boise, Idaho

Dear Mr. Anderson:

Enclosed, please find copies of the above referenced applications for permit. Before final action is taken, we would appreciate receiving your comments in connection with these applications.

Your assistance in this matter is greatly appreciated.

Very truly yours,

Donald W. McElowney  
Appropriation Supervisor

DWM/BB

Enclosures

63-7517

# The Idaho Free Press

Published Daily Except Sunday

## NOTICE OF APPLICATION FOR WATER PERMIT

16-19-71  
38

Notice is hereby given that Rosewood Water Corporation, Route #4, Caldwell, Idaho has on October 27, 1971 submitted Application No. 63-7517 for a permit to appropriate 0.2 cubic feet per second of water from a ground water source by means of a well and pump within the SW 1/4 SW 1/4, Sec. 34, T. 4N, R. 3W, B.M., Canyon County to be used from Jan. 1 to Dec. 31 for domestic purposes for 13 to 27 families within the SW 1/4 SW 1/4, Sec. 34, T. 4N, R. 3W, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, Hatch House, Boise, Idaho, 83707, on or before December 6, 1971.

R. KEITH HIGGINSON  
Director

November 18, 25, 1971

63 7517

November 10, 1971

Re: Application No. 63-7517 - Rosewood Water Corporation

News-Tribune  
P.O. Box 1179  
Caldwell, Idaho 83605  
Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for our review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted assuming the notice is correct. If we have any corrections, we will notify you before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid."

\_\_\_\_\_  
(signature of claimant)

Very truly yours,

Donald W. McEldowney  
Appropriation Supervisor

Bill submitted 12-1-71 By CR

THW:cr

and Legal Notice

63-7517

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Rosewood Water Corporation, Route #4,  
Caldwell, Idaho  
has on October 27, 1971 submitted Application No. 63-7517  
for a permit to appropriate 0.5 cubic feet per second ~~XXXXXX~~  
of water from a ground water source  
by means of well and pump  
within the SW1/4, Sec. 34, T. 4N, R. 3W, B.M., Canyon County  
  
to be used from Jan. 1 to Dec. 31  
for domestic purposes for 13 to 27 families  
  
within the SW1/4, Sec. 34, T. 4N, R. 3W, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, Statehouse, Boise, Idaho, 83707, on or before December 6, 1971.

R. KEITH HIGGINSON

Director

Published in the News-Tribune, Caldwell, Idaho  
on Nov. 18 and Nov. 25, 1971

63-7517

November 4, 1971

Rosewood Water Corporation  
Route #4  
Caldwell, Idaho 83605

Gentlemen:

Attached herewith is your receipt No. 8450 in the amount of \$ 25.00  
for your application for permit  
which was received in this office.

Very truly yours,

M. RUSSELL BOSCH  
Administrative Assistant

MRB:ejw

Enclosure

63 756

October 27, 1971

Rosewood Water Corporation  
Route #4  
Caldwell, Idaho 83605

Gentlemen:

We are returning your check #92-101, in the amount of \$20.00. The correct filing fee for your application will be \$25.00. Please remit this amount as soon as possible, so that we may continue processing your application for permit.

If you should require any further assistance, please feel free to contact this Department.

Very truly yours,

James Booker  
Appropriation Examiner

JCS

Enc: check #92-101 (\$20.00)

63-7381