Memorandum

To: Jack Hedge, Port of Tacoma
From: Doug Kelly and Pony Ellingson, Pacific Groundwater Group
Re: Off-Site Private Well Survey Near Maytown Aggregates
Date: December 31, 2009

Condition 6 of the Maytown Aggregates MDNS references the Maytown Aggregates groundwater monitoring plan that requires an inventory of off-site private water supply wells be generated. This memo fulfills that requirement based on review of public records and a field survey performed in December 2009. The following categories of information are included:

- Tabulated well data downloaded from Washington State Department of Ecology database
- Well log images downloaded from Washington State Department of Ecology database
- Tabulated data on public water systems downloaded from Washington State Department of Health Public Water System Database
- Data gathered during a field inventory for this project

AREA INVENTORIED

Public records were gathered, and the field inventory was performed, in the following areas as required by the groundwater monitoring plan:

<table>
<thead>
<tr>
<th>T16N R1W</th>
<th>T16N R2W</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1/2 Section 6</td>
<td>SW1/4 Section 2</td>
</tr>
<tr>
<td>NW1/4 Section 7</td>
<td>NE1/4 Section 10</td>
</tr>
<tr>
<td>S1/2 Section 11</td>
<td>S1/2 Section 12</td>
</tr>
</tbody>
</table>

ECOLOGY DATABASE TABULATED DATA

Data were downloaded from the Washington State Department of Ecology Well Log Database at http://apps.ecy.wa.gov/welllog/ using text search function (not map function). Selected data
not pertinent to this study were hidden, and rows for resource protection wells (i.e. monitoring wells) and abandoned wells were also hidden. This screening approach should result in only data on water supply wells being shown.

Attachment A contains tables summarizing the information in the Ecology database and a data dictionary that defines terms in the tables.

ECOLOGY DATABASE WELL LOGS

Pdf images of the well logs were also downloaded from the website noted above, using the text search function. Logs for each quarter section follow the tabulated data for that section in Attachment A. PGG added the parcel number in a box in the upper left corner of well logs where confident correlation to the parcel was apparent.

DOH PUBLIC WATER SYSTEM TABULATED DATA

Data on Group A and B public water system sources were downloaded from Washington State Department of Health’s Sentry Database (http://www4.doh.wa.gov/sentryinternet/Intro.aspx) for the area listed above. Public water system source data pertinent to this study are reported in Attachment B. Water quality data are not included. The wells referenced in this database may correlate to wells in the Ecology database, but the correlations have not been established.

FIELD SURVEY RESULTS

A total of 164 parcels were identified in the county parcel database that fell within the inventory area. Of these, ten parcels were excluded because they were owned by Washington State Fish and Wildlife, the Port of Tacoma, or the City of Tacoma. An informational flier was mailed to the property owners for the remaining 154 parcels discussing the planned inventory, and requesting they contact us if they were interested in having their well sampled. PGG staff visited the parcels and identified those parcels that appeared to have any development and thus might have a well. A total of 22 parcels did not appear to have a well. Details regarding wells that were not included in the field survey (for a variety of reasons) are provided in Attachment C.

For parcels that appeared to potentially have a well, PGG staff attempted to contact the resident to discuss the survey and determine if they were willing to participate. Where access to the parcel was limited by gates or signage, or no one was home at the time of the visit, an additional flyer was left discussing our survey, and requesting they contact us if they were interested in having their well sampled. An informational flier was left at 61 parcels. A total of 14 residents declined to participate in the survey, either during our in-person site visit or via phone and email. Forty-five residents indicated they were willing to participate, but two wells could not be sampled due to an inability to bypass treatment.

For the 43 locations that were sampled, PGG staff first interviewed the resident regarding well construction, water treatment, water use, and any known water quality problems. Depth to the static water level was measured where well construction allowed, followed by a brief purging and collection of basic water quality parameters (pH, electrical conductivity, temperature, tur-
bidity, color, odor and iron-reducing bacteria activity). No wells were modified during the survey, and the depth sounder was sterilized with chlorine bleach prior to each depth to water measurement.

Data was recorded on field data sheets, portions of which were entered into a database for reporting. Summary results of the sampled wells are included in Attachment D with additional details provided in the field data sheets (Attachment E).

DATA DICTIONARY FOR FIELD PARAMETERS

The following list provides additional details regarding the data provided in Attachment D:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td>Resident provided contact phone number</td>
</tr>
<tr>
<td>Email</td>
<td>Resident provided contact email address</td>
</tr>
<tr>
<td>Casing Dia.</td>
<td>Diameter of well, in inches</td>
</tr>
<tr>
<td>Pump Type</td>
<td>The type of pump in the well, generally either submersible or jet</td>
</tr>
<tr>
<td>Well Depth</td>
<td>Resident (or well log if available) provided depth of well in feet</td>
</tr>
<tr>
<td>Water Use</td>
<td>Resident provided description of water use</td>
</tr>
<tr>
<td>Sample Loc.</td>
<td>Location of sample collection</td>
</tr>
<tr>
<td>Treatment</td>
<td>Water treatment utilized (if any). Water sampling was only conducted upstream</td>
</tr>
<tr>
<td>Prior Probs.</td>
<td>Resident provided description of any water quality or water quantity problems</td>
</tr>
<tr>
<td>Sample Date</td>
<td>Date of sampling</td>
</tr>
<tr>
<td>Unique Well ID</td>
<td>Ecology unique well identification number. Wells that did not have tags were</td>
</tr>
<tr>
<td>Turbidity</td>
<td>Field measured water turbidity in NTU.</td>
</tr>
<tr>
<td>pH</td>
<td>Field measured water pH</td>
</tr>
<tr>
<td>EC</td>
<td>Field measured water specific conductance</td>
</tr>
<tr>
<td>Odor</td>
<td>Qualitative odor of water</td>
</tr>
<tr>
<td>Temp</td>
<td>Field measured water temperature (degrees C)</td>
</tr>
<tr>
<td>DTW</td>
<td>Depth to static water level in feet</td>
</tr>
<tr>
<td>IRB Activity</td>
<td>Estimate of iron related bacteria activity, measured with BART (Biological Activity Reaction Test) biodetector.</td>
</tr>
</tbody>
</table>
ATTACHMENT A

TABULATED DATA AND WELL LOGS FROM ECOLOGY WELL LOG DATABASE
## Well Log Data Export

**Data Dictionary**

The table below lists the data field names, descriptions, and examples of each data item that makes up the well log data extract file.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>well_log_id</td>
<td>WELL LOG ID. A sequential number generated by the system to track a well log record.</td>
<td>100564</td>
</tr>
<tr>
<td>well_tag_nr</td>
<td>WELL TAG NUMBER. The number issued by the Department of Ecology that is stamped on a metal tag that is attached to the actual well.</td>
<td>AAA-000</td>
</tr>
<tr>
<td>project_tag_nr</td>
<td>PROJECT TAG NUMBER – The number issued by the property owner or consulting firm to track the well. This number is NOT affiliated with Ecology’s tag number in any way.</td>
<td>MW-001</td>
</tr>
<tr>
<td>nit_id_nr</td>
<td>NOTICE OF INTENT ID NUMBER. A sequential number issued by the Department of Ecology to track the Notice of Intent to Construct or Decommission a Well.</td>
<td>W072515</td>
</tr>
<tr>
<td>well_depth_qt</td>
<td>WELL DEPTH. Depth of the well in feet.</td>
<td>55</td>
</tr>
<tr>
<td>well_diameter_qt</td>
<td>WELL DIAMETER. Diameter of the casing of the well in inches.</td>
<td>6</td>
</tr>
<tr>
<td>well_owner_nm</td>
<td>WELL OWNER NAME. The name of the original property owner who had the well drilled.</td>
<td>John Smith</td>
</tr>
<tr>
<td>township_nr</td>
<td>TOWNSHIP. The identifier describing which Township the well falls within. Based on the Washington State Public Land Survey (PLS).</td>
<td>05</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td>Value</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>range_nr</td>
<td>RANGE. The identifier describing the Range location of the well. (PLS)</td>
<td></td>
</tr>
<tr>
<td>range_dir_cd</td>
<td>RANGE DIRECTION. The direction code describing further which range the well falls within. Washington State is divided into two halves – ‘West’ and ‘East’. (PLS)</td>
<td>E</td>
</tr>
<tr>
<td>section_nr</td>
<td>SECTION. The identifier describing which Section the well falls within. (PLS)</td>
<td>06</td>
</tr>
<tr>
<td>qtr_section_cd</td>
<td>QUARTER SECTION (1/4). The identifier describing which Quarter section the well falls within. (PLS)</td>
<td>NW</td>
</tr>
<tr>
<td>qtr_qtr_section_cd</td>
<td>QUARTER-QUARTER SECTION (1/4-1/4). The identifier describing which Quarter-Quarter section the well falls within. (PLS)</td>
<td>SW</td>
</tr>
<tr>
<td>well_comp_dt</td>
<td>WELL COMPLETION DATE. Date the well was drilled.</td>
<td>1/1/1997</td>
</tr>
<tr>
<td>county_nm</td>
<td>COUNTY NAME. County name where the well is located.</td>
<td>King</td>
</tr>
<tr>
<td>well_type_cd</td>
<td>WELL TYPE. Code which indicates the well type. See appendix for code descriptions.</td>
<td>W</td>
</tr>
<tr>
<td>driller_nr</td>
<td>DRILLER LICENSE NUMBER. License number of the well driller.</td>
<td>2327</td>
</tr>
<tr>
<td>well_log_recv_dt</td>
<td>WELL LOG RECEIVAL DATE. Date the Department of Ecology received the well log form.</td>
<td>1/6/1997</td>
</tr>
<tr>
<td>taxParcel_nr</td>
<td>TAX PARCEL IDENTIFIER. County Assessor code of the parcel where the well was drilled.</td>
<td>232019130050</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td>Value</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>st_plane_xcoord_nr</td>
<td>STATE PLANE X-COORDINATE. The horizontal geographic coordinate value of the well within the WA State Plane Coordinate System (adjusted to the quarter-quarter, quarter, or whole section).</td>
<td>2031126</td>
</tr>
<tr>
<td>st_plane_ycoord_nr</td>
<td>STATE PLANE Y-COORDINATE. The vertical geographic coordinate value of the well within the WA State Plane Coordinate System (adjusted to the quarter-quarter, quarter, or whole section).</td>
<td>780897</td>
</tr>
</tbody>
</table>

**Appendix**

**Well Type Codes:**

- W  Water
- R  Resource Protection
- A  Abandonment
<table>
<thead>
<tr>
<th>well_diameter_qt</th>
<th>well_owner_nm</th>
<th>township_nr</th>
<th>range_dir_cd</th>
<th>range_dir_cd</th>
<th>section_nr</th>
<th>qtr_section_cd</th>
<th>qtr_quad_section_cd</th>
<th>well_comp_dt</th>
<th>well_type_cd</th>
<th>well_log_recv_dt</th>
<th>tax_parcel_nr</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>CONNIE KIALOGENSKY</td>
<td>16</td>
<td>1</td>
<td>W</td>
<td>6</td>
<td>NW</td>
<td>SE</td>
<td>5/15/1989</td>
<td>W</td>
<td>9/16/1981</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>L. E. ADELHART</td>
<td>16</td>
<td>1</td>
<td>W</td>
<td>6</td>
<td>NW</td>
<td>NW</td>
<td>35166</td>
<td>W</td>
<td>35166</td>
<td>1.161E+14</td>
</tr>
<tr>
<td>6</td>
<td>MARGARET LOCKHART</td>
<td>16</td>
<td>1</td>
<td>W</td>
<td>6</td>
<td></td>
<td></td>
<td>32420</td>
<td>W</td>
<td>32420</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>NORM LARSEN</td>
<td>16</td>
<td>1</td>
<td>W</td>
<td>6</td>
<td>NW</td>
<td>SE</td>
<td>32063</td>
<td>W</td>
<td>32063</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>PETER GREGORY</td>
<td>16</td>
<td>1</td>
<td>W</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: C. McGill Wallingford
Address: 937 7th Ave Rd NE
City: Spok. Wash.

(2) LOCATION OF WELL: County: Spokane
Bearing and distance from section or subdivision corner:

(3) PROPOSED USE: Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well (if more than one)...
New well [X] Method: Dug [ ] Bored [ ]
Depended [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well... inches.
Drilled... ft. Depth of completed well... ft.

(6) CONSTRUCTION DETAILS:
Casing installed: [X] Diam. from... ft. to... ft.
Threaded [ ] Diam. from... ft. to... ft.
Welded [X] Diam. from... ft. to... ft.

Perforations: Yes [X] No [ ]
Type of perforator used:
SIZE of perforations... in. by... in.
perforations from... ft. to... ft.
perforations from... ft. to... ft.
perforations from... ft. to... ft.

Screens: Yes [X] No [ ]
Manufacturer's Name: J. N. J. N.
Type... Model No...
Diam. Slot size... ft. to... ft.
Diam. Slot size... ft. to... ft.

Gravel packed: Yes [X] No [ ]
Size of gravel:
Gravel placed from... ft. to... ft.

Surface seal: Yes [X] No [ ] To what depth?... ft.
Material used in seal: Bentonite
Did any strata contain unusable water? Yes [X] No [ ]
Type of water:
Depth of strata:
Method of sealing strata off...

(7) PUMP: Manufacturer's Name: Wallingford
Type: Sub [X]
H.P.

(8) WATER LEVELS: Land-surface elevation
above mean sea level...
Static level... ft. below top of well
Date...
Artesian pressure... lbs. per square inch
Date...
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is
lowered below static level
Was a pump test made? Yes [X] No [ ] If yes, by whom?
Yield:... gal./min. with... ft. drawdown after... hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test...

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: Roy McGill
Well Drilling
Address: 937 North Marvin Rd NE

[Signature] Roy McGill
(Well Driller)

License No. 01256 Date: Sept 14, 1981

(USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**STATE OF WASHINGTON**

**WATER RIGHT Permit No.**

1. **OWNER:** Name. D. Howard
   - Address: 2904 N. 64th Dr. SE

2. **LOCATION OF WELL:** County: Thurston
   - NE Sec. 6 T16 N, R16 W, WM

3. **PROPOSED USE:**
   - Domestic [ ]
   - Irrigation [ ]
   - Industrial [ ]
   - Municipal [ ]
   - DeWater [ ]
   - Other [ ]

4. **TYPE OF WORK:**
   - Owner's number of well (if more than one):
     - Abandoned [ ]
     - New well [ ]
     - Deepened [ ]
     - Reconditioned [ ]
     - Method: Dug [ ]
     - Cable [ ]
     - Bored [ ]
     - Driven [ ]
     - Rotary [ ]
     - Jetted [ ]

5. **DIMENSIONS:**
   - Diameter of well: 6 inches
   - Drilled: 40 feet
   - Depth of completed well: 40 feet

6. **CONSTRUCTION DETAILS:**
   - Casing Installed: Yes [ ]
     - Diam. from ft. to ft.
   - Liner Installed: Yes [ ]
     - Diam. from ft. to ft.
   - Perforations: Yes [ ]
     - Size of perforations in. by in.
   - Screens: Yes [ ]
     - Manufacturer's Name
     - Type
     - Model No.
     - Diam. from ft. to ft.
     - Slot size from ft. to ft.
   - Gravel packed: Yes [ ]
     - Size of gravel
     - Gravel placed from ft. to ft.
   - Surface lift: Yes [ ]
     - To what depth? 18
     - Material used is (name)
     - Did any strata contain unusable water? Yes [ ]
     - Type of water
     - Depth of strata

7. **PUMP:**
   - Manufacturer's Name
   - Type
   - H.P.

8. **WATER LEVELS:**
   - Land-surface elevation:
   - Static level:
   - Ft. below top of well:
   - Date:
   - Artesian pressure:
   - Artesian water is controlled by:
   - (cap, valve, etc.)

9. **WELL TESTS:**
   - Drawdown is amount water level is lowered below static level
   - Was a pump test made? Yes [ ]
   - If yes, by whom:
   - Yield:
   - gal./min. with:
   - ft. drawdown after:
   - hrs.
   - Recovery time (time taken as zero when pump turned off) (water level measured from well top to water level):

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test:

10. **WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION**
    - Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
    - Material:
      - LARGE BUDDLES
      - Gravel:
      - Crushed Rock
      - Water (WATER)

<table>
<thead>
<tr>
<th>Material</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPR</td>
<td>20</td>
<td>35</td>
</tr>
<tr>
<td>Crushed Rock</td>
<td>25</td>
<td>40</td>
</tr>
</tbody>
</table>

**WELL CONSTRUCTOR CERTIFICATION:**

I, ___________________________, P.O. Box 433, Shelton, WA, hereby certify that I have constructed said well in accordance with the plans and specifications and that the work was completed on ________________.

NAME: Ross Russell

ADDRESS: P.O. Box 433, Shelton, WA

LICENSE NO.: 0466

(Signed) Ross Russell

WELL DRILLER

RECEIVED

(Rceived by official)

(Water Right Permit No. 05-89)

(USE ADDITIONAL SHEETS IF NECESSARY)
<table>
<thead>
<tr>
<th>(10) WELL LOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.</td>
</tr>
<tr>
<td>MATERIAL FROM TO</td>
</tr>
<tr>
<td>TOP SOIL COBBLES BOULDERS 0 2</td>
</tr>
<tr>
<td>VERY HARD HARD PAN MULTI-COLOR 2 19</td>
</tr>
<tr>
<td>CLAY &amp; GRAVEL BLUE 19 23</td>
</tr>
<tr>
<td>CLAY &amp; GRAVEL BROWN 23 31</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL CLAY MULTI-COLOR 31 47</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL WATER MULTI-COLOR 47 58</td>
</tr>
</tbody>
</table>

| (7) PUMP: Manufacturer's Name GRUNDFOS Type SUBMERSIBLE H.P. 1/2 |

| (8) WATER LEVELS: Land-surface elevation ... ft. |
| Static level 32 ft. below top of well Date 11/04/91 |
| Artesian Pressure lbs. per square inch Date |
| Artesian water controlled by |

| (9) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? NO If yes, by whom? Yield: gal./min with ft. drawdown after hrs. |
| Recovery data |
| Time Water Level Time Water Level Time Water Level Time Water Level |

| Date of test / |
| Water level ... ft. drawdown after hrs. |
| Air test 15 gal/min. w/ stem set at 48 ft. for 1 hrs. |
| Artesian flow g.p.m. Date Temperature of water Was a chemical analysis made? NO |

| WELL CONSTRUCTOR CERTIFICATION: |
| I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief. |

| NAME ARCADIA DRILLING INC. (Person, firm, or corporation) (Type or print) |
| ADDRESS SE 177 WALKER PARK RD |
| License No. 0950 |
| [SIGNED] License No. 0950 |
| Contractor's Registration No. ARCADD*147X1 Date 11/06/91 |
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Dick Campbell
Address: Old Hurt 99

(2) LOCATION OF WELL: County: Thurston

Bearing and distance from section or subdivision corner:

(3) PROPOSED USE: Domestic ☑ Industrial □ Municipal □
Irrigation □ Test Well □ Other □

(4) TYPE OF WORK: Owner's number of well
New well ☑ Method: Dug □ Bored □
Deepened □ Cable ☑ Driven □
Reconditioned □ Rotary □ Jetted □

(5) DIMENSIONS:
Drilled: 47 ft. Diameter of well 43.5 inches
Depth of completed well: 43.5 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to 39 ft.
Threaded □ " Diam. from ______ ft. to ______ ft.
Welded ☑ " Diam. from ______ ft. to ______ ft.

Perforations: Yes ☑ No □
Type of perforator used:
SIZE of perforations in. by in. perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☑ No □
Manufacturer's Name: Johnson
Type: 55 - SUPER
Model No.:
Diam. ______ Slot size: 18 from 51 ft. to 43.5 ft.
Diam. ______ Slot size: from ft. to ft.

Gravel packed: Yes ☑ No □
Size of gravel: ______
Gravel placed from ft. to ft. ______

Surface seal: Yes ☑ No □ To what depth? 18 ft.
Material used in seal: ________
Deficiency strata contain unusable water? Yes □ No ☑
Type of water: ________ Depth of strata:
Method of sealing strata off:

(7) PUMP: Manufacturer's Name: DEWSTON
Type: 5V, 60, 20 H.P. 1/2

(8) WATER LEVELS:
Land-surface elevation above mean sea level ______ ft.
Static level 18 ft. below top of well Date: 10-25-78
Artesian pressure _______ lbs. per square inch Date:
Artesian water is controlled by ______ (Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☑ No □ If yes, by whom? TIMS
Yield: gal/min. with ft. drawdown after hrs.
16 gal/min. 12 ft. 2 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test ______
Recovery test 15 gal/min. with 10 ft. drawdown after 2 hrs.
Recovery flow __________ Date:
Temperature of water ______

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of strata penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loose cobbles</td>
<td>0 ft.</td>
<td>7 ft.</td>
</tr>
<tr>
<td>Sand and gravel -</td>
<td>7 ft.</td>
<td>32 ft.</td>
</tr>
<tr>
<td>Dirty sand - sewage</td>
<td>32 ft.</td>
<td>58 ft.</td>
</tr>
<tr>
<td>Water bbg. sand - (heaving)</td>
<td>38 ft.</td>
<td>46 ft.</td>
</tr>
<tr>
<td>Fine sand to HP</td>
<td>46 ft.</td>
<td>47 ft.</td>
</tr>
</tbody>
</table>

Bail Test 15 gpm w/ 10 ft. DD
Power Test - 11 gpm - 17 ft. DD
Iron Content 7 ppm

MAR 5 1978
DEPARTMENT OF
SOUTHWEST REGIONAL OFFICE

Work started 10-25-78 Completed 10-27-78

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: TIMS Well Drilling
Person, firm, or corporation: TIMS
Address: 1806 33rd Ave SE

(Signed) Jim E. Mahony
Well Driller

Licenses No. 0832
Date: 10-30-78

(USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**STATE:** WASHINGTON  
**Water Right Permit No.:**

### (1) OWNER:
- **Name:** [Empty]

### (2) LOCATION OF WELL:
- **County:** [Empty]

### (2a) STREET ADDRESS OF WELL (or nearest address):

### (3) PROPOSED USE:
- [ ] Domestic  
- [ ] Irrigation  
- [ ] Industrial  
- [ ] Municipal  
- [ ] Other

### (4) TYPE OF WORK:
- [ ] Abandoned  
- [ ] New well  
- [ ] Deepened  
- [ ] Reconditioned  
- [ ] Other

<table>
<thead>
<tr>
<th>Method</th>
<th>Dug</th>
<th>Cable</th>
<th>Drilled</th>
<th>Jetted</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>0</td>
<td>16</td>
<td>16</td>
<td>20</td>
</tr>
</tbody>
</table>

### (5) DIMENSIONS:
- **Diameter of well:** [Empty] ft.  
- **Depth of completed well:** [Empty] ft.

### (6) CONSTRUCTION DETAILS:
- **Casing Installed:** [Empty] ft. to [Empty] ft.
- **Welded Liner Installed:** [Empty] ft. to [Empty] ft.
- **Threaded:** [Empty] ft. to [Empty] ft.

#### Perforations:
- [ ] Yes  
- [ ] No

<table>
<thead>
<tr>
<th>Type of perforator used</th>
<th>in. by</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Screens:
- [ ] Yes  
- [ ] No

<table>
<thead>
<tr>
<th>Manufacturer's Name</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Gravel packed:
- [ ] Yes  
- [ ] No

<table>
<thead>
<tr>
<th>Size of gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

#### Gravel placed from:

#### Surface seal:
- [ ] Yes  
- [ ] No

<table>
<thead>
<tr>
<th>To what depth?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
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### (7) PUMP:
- **Manufacturer's Name:** [Empty]

<table>
<thead>
<tr>
<th>Type</th>
<th>H.P.</th>
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</thead>
<tbody>
<tr>
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<td></td>
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</table>

### (8) WATER LEVELS:
- **Land surface elevation:** [Empty] ft. above mean sea level
- **Static level:** [Empty] ft. below top of well  
- **Artesian pressure:** [Empty] lbs. per square inch  
- **Artesian water is controlled by:** [Empty] (cap, valve, etc.)

### (9) WELL TESTS:
- **Drawdown is amount water level is lowered below static level**

<table>
<thead>
<tr>
<th>Recovery data (time taken as zero when pump turned off) (water level measured from top to water level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Date</td>
</tr>
</tbody>
</table>

#### Balser test:
- [ ] Yes  
- [ ] No

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

#### Areal test:
- [ ] Yes  
- [ ] No

<table>
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<th>Time</th>
<th>Water Level</th>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th>Artesian flow</th>
<th>g.p.m.</th>
<th>Date</th>
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<tr>
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</table>

<table>
<thead>
<tr>
<th>Temperature of water</th>
<th>Was a chemical analysis made?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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### WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

**NAME:**  
**ADDRESS:**

**(Signed):**  
**(WELL DRILLER):**

**License No.:**  
**Contractor's Registration No.:**

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Margaret Lockhart
Address: 1014 A Warren St NE Olympia, WA

LOCATION OF WELL: Thurston
Street Address: 1348 Old Hwy 99 Parcel #41108420101

PROPOSED USE: Domestic
METHOD: Dug

DIMENSIONS: Diameter of well: 6 inches
Drilled: 100 feet

CONSTRUCTION DETAILS:
Casing installed: 6
Diam. from +1 ft. to 100 ft.
Welded
Liner installed

Perforations: Yes
Type of perforator used: Desco 10 slot
SIZE of perforations: in. by in.
perforations from ft. to ft.

Screens: Yes
Manufacturer's Name: Desco 10 slot
Model No.
Diam. Slot size: ft. to ft.
Diam. Slot size: ft. to ft.
Gravel packed: Yes
Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes
Material used in seal:
Did any strata contain unusable water? Yes
Depth of strata:
Method of sealing strata off:

PUMP: Manufacturer's Name: Flint Walker
Type: Submersible

WATER LEVELS:
Static level: 12 ft. below top of well
Artesian level: Date: 4/11/96
Artesian water is controlled by:
(Cas., valve, etc.)

WELL TESTS:
Was a pump test made? Yes
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

DATE OF TEST:
Bailer test gal./min. with ft. drawdown after hrs.
Artesian test gal./min. with stem set at 100 ft. for hrs.
Artesian flow g.p.m. Date
Temperatures of water
Was a chemical analysis made? Yes

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME: Coebie Chance Drilling
Address: 1411 Kaiser Ln, Nw, Olympia
(Signed) Coebie Chance
(LICENSEE) License No. 2117

Contractor's Registration No. 0287-005587 Date 4/12/98

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

STATE OF WASHINGTON

(1) OWNER: Name Norm Larsen
Address: "99 & 750 Lake Rd"

(2) LOCATION OF WELL: County: Thurston
Street Address of Well: Same as above

(3) PROPOSED USE: Domestic [x] Irrigation [ ] Industrial [ ] Municipal [ ]
Deeferred [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well [ ]
Abandoned [ ] New well [x]
Method: Dug [x] Bored [ ]
Reconditioned [ ] rotary [ ]
Drilled [ ] Cable [ ]

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 147 feet. Depth of completed well 134 feet.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 ft. Diam. from 1 to 129 ft.
Welded [x] Liner installed [ ]
Threaded [ ]

Perforations: Yes [ ] No [x]
Type of perforator used: 
Size of perforations in. by in.

Screen: Yes [x] No [ ]
Manufacturer's Name: Stainless Steel

Type: Diameter 6 ft. Slot size 14 in. from 134 to 129 ft.

Gravel packed: Yes [ ] No [x]
Size of gravel: 
Gravel placed from ft. to ft.

Surface seal: Yes [x] No [ ]
To what depth: 18 ft.
Material used in seal: BENTONITE

Did any strata contain unusable water? Yes [ ] No [x]
Depth of strata: 
Type of water? 
Method of sealing strata off:

(7) PUMP: Manufacturer's Name

Type: H.P. 

(8) WATER LEVELS:
Land-surface elevation above mean sea level: 5-88 ft.
Static level: 6 ft. below top of well Date: 5-88 ft.
Artesian pressure: lbs. per square inch Date: 
Artesian water is controlled by: (Cap. valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [x] If so, by whom?
Yield: gal. /min with ft. drawdown after hrs.

Recovery date (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level

Date of test: 5-88

Bail test: gal. /min. with ft. drawdown after hrs.
Air test: gall. /min. with stem set at ft. for hrs.
Artesian flow: g.p.m. Date
Temperature of water: Was a chemical analysis made? Yes [ ] No [x]

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of strata and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

Material: FROM TO
Cobbles - Black Sandy Soil 0 4
Cemented Sand - gravel 4 12
Hodgpoo - grey 12 24
Cemented Brown S & G 24 38
Cemented Grey S & G 38 55
WB Sand - Brown 55 75
WB Sand - Grey 75 118
WB Sand - Fine 118 128
WB Sand - Mcl to coarse 128 134
Peat Sediment 134 147

Pulled back to material without H2O Sand:
88 88
88 88
88 88
RECEIVER
07-4 07-4 07-4

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME TIMS WELL DRILLING

Address 6276 Logan Park NE

(Signed) TIMS WELL DRILLING
License No. 5-31 88
Contractor's Registration No.

Tallwohise (Use additional sheets if necessary)
WELL TAGGING FORM

Date of Field Visit 8-9-93 By Darin Cramer

ADDITIONAL WELL IDENTIFIERS

Department of Health System ID Number Na Source Number SO

USGS Site Identification

RECORD VERIFICATION

☒ Well Report available (please attach)
☐ Well Report not available
☐ Verification inconclusive

WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT

Name Norm Larson

Street address 12345 Old Hwy 49

City Timmo State WA

LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT

Well Address Same as above

City __________________________ County Thurston

T. 16 N. R. 01 W. W.M. Sec. 06 S.E. ¼ of the NW ¼

Latitude 46° 54' 06"

Longitude 122° 51' 23"

☐ GPS (raw data)
☐ GPS (corrected)
☒ Topographic Map
☐ Survey
☐ Computer generated
☐ Other

Elevation at land surface 250 feet/meters (circle one)

☒ Digital Altimeter
☐ Topographic Map
☐ Other
Additional information, if available:

☐ Location marked on topographic map (please attach)

☐ Location marked on air photo (please attach)

Water Right # ___________________________ Priority Date ________________

Circle one: Application Permit Certificate Claim Exempt

WELL CHARACTERISTICS

Physical Description of Well (size of casing, type of well, housing, etc.): 6” casing

Location of Well Identification Tag: Tag is nailed to 2x4 on pump
                                                                   house wall beside casing

Was Supplemental Tag needed for ease of identifying well?
☑ NO ☐ YES

If yes, where was tag placed?

Scale 1:24,000 (1"=2,000"

<table>
<thead>
<tr>
<th>D</th>
<th>C</th>
<th>B</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>F</td>
<td>G</td>
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<tr>
<td>M</td>
<td>L</td>
<td>K</td>
<td>J</td>
</tr>
<tr>
<td>N</td>
<td>P</td>
<td>Q</td>
<td>R</td>
</tr>
</tbody>
</table>

Indicate the location of the well within the Section by drawing a dot at that point.

SECTION D6

COMMENTS: ____________________________________________

Please attach this form to the Well Report and submit it to the Department of Ecology Water Resources Program Headquarters, Well Identification Program, P.O. Box 47600, Olympia, WA 98504-7600
WATER WELL REPORT
STATE OF WASHINGTON

OWNER
Name: NORM LAUSEN
Address: OLD 99 @ Delta Lake Rd

(2) LOCATION OF WELL
County: THURSTON
NW ¼ SE ¼ Sec. 6 T 16 N R 1 W WM

(2a) STREET ADDRESS OF WELL (or nearest address)
Same as above.

(3) PROPOSED USE
Domestic ✔ • Irrigation ✔ • DeWater ✔ • Test Well ✔ • Other [ ]

(4) TYPE OF WORK
Abandoned ✔ • New well ✔ • Deepened ✔ • Method: Dug ✔ • Bored ✔ • Driven ✔ • Rotory ✔ • Jetted ✔ • Reconditioned ✔ • DeWater ✔

(5) DIMENSIONS
Diameter of well: 6 inches
Diameter: 147 feet
Depth of completed well: 134 feet

(6) CONSTRUCTION DETAILS
Casing installed ✔ • Dam from: +1 ft to: 129 ft
Welled ✔ • Dam from: ft to: ft
Threaded ✔ • Dam from: ft to: ft
Perforations. Yes ✔ • No [ ]
Type of perforator used
Size of perforations
perforations from: ft to: ft
perforations from: ft to: ft
perforations from: ft to: ft

Screens: Yes ✔ • No [ ]
Manufacturer & Name: JOHNSON
Type: Stainless
Model No:
Diam: 14 ft
Slot size: from: 134 ft to: 129 ft
Slot size: ft to: ft
Gravel packed ✔ • No [ ]
Size of gravel
Gravel placed from: ft to: ft
Material used in seal
Did any strata contain usable water? Yes ☑ • No [ ]
Depth of strata:
Type of water:
Method of sealing strata:

(7) PUMP
Manufacturer's Name
Type: [ ]
H.P:

(8) WATER LEVELS
Land surface elevation above mean sea level:
Static level: 20 ft below top of well
Date: 5-88
Artesian pressure
Artesian water is controlled by
(Cap valve etc.)

(9) WELL TESTS
Drewdown test amount water level is lowered below static level
Was a pump test made? Yes ☑ • No [ ]
If yes, by whom?
Yield: gallons per minute with: ft drawdown after: hrs

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time: Water Level: Time: Water Level:

Date of test: 5-88
Boiler test: 12 gal./min with: 18 ft drawdown after: hrs
Artesian test: gallons per minute with stem set at: ft for: hrs
Artession flow: per min Date:
Temperature of water: Was a chemical analysis made? Yes ☑ • No [ ]

WELL CONSTRUCTOR CERTIFICATION
I constructed and/or accept responsibility for construction of this well and its compliance with all Washington well construction standards.
Materials used and the information reported above are true to my best knowledge and belief.

NAME: TIMS WELL DRILLING
Address: 6246 Libby Rd NE
(Signed) [ ]
(WELL DRILLER) [ ]
License No:
Contractor:
Regulation No:
Date: 5-31 1988

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Peter Gregory

(2) LOCATION OF WELL: County: Thurston

(3) PROPOSED USE: Domestic [ ] Industrial [ ] Municipal [ ]

(4) TYPE OF WORK: New well [X] Method: Dug [ ] Bored [ ]

Deepened [ ] Method: Cable [ ] Driven [ ]

Reconditioned [ ] Method: Rotary [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well 6 inches

Drilled 67 ft. Depth of completed well 58 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: Yes No [X] Diameter from 01 ft. to 59 ft.

Threaded [ ] Diameter from ft. to ft.

Welded [X] Diameter from ft. to ft.

Perforations: Yes No [X] Diameter from ft. to ft.

Type of perforator used:

SIZE of perforations: in. by in.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

Screen: Yes No [X] Size of gravel:

Manufacturer’s Name:

Type:

Model No.:

Diam. Slot size from ft. to ft.

Diam. Slot size from ft. to ft.

Gravel packed: Yes No [X] Size of gravel:

Gravel placed from ft. to ft.

Surface seal: Yes No [X] To what depth? 18 ft.

(7) PUMP: Manufacturer’s Name: Burkle

Type: H.P. 2

(8) WATER LEVELS: Land-surface elevation above mean sea level:

State level: 42 ft. below top of well at Date: 10-13-57

Artesian pressure lbs. per square inch Date:

Artesian water is controlled by (Cap. valve, etc.):

(9) WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No [X] Yield: 15 gal/min.

If yes, by whom: Diller

Driller: 7 ft. drawdown after 2 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level

2 P.M. 14' 4.1 P.M. 14.5

1/10 4.2

Artesian flow:

Date: 10-13-57

Temperature of water: Was a chemical analysis made? Yes No [X]

Date of test: 10-13-57

Bailer test: 90 gal/min. with 4 ft. drawdown after 1 hrs.

WELL DRILLER’S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: ANDERSON DRILLING

Address: P.O. BOX 351 ROCHESTER WA

[Signature] William Anderson (Well Driller)

License No.: 0695 Date: 10-13-57

(USE ADDITIONAL SHEETS IF NECESSARY)
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</table>
WATER WELL REPORT

Owner- ARNDT
Address- ANGUS ROAD, TENINO

Location of well, County- THURSTON
Street address of well- SAME

Proposed use- DOMESTIC

Number of well- ONE

Type of work- REDEVELOP & PERFORATE

Method of construction- AIR ROTARY

Dimensions-
Diameter- 6"
Drilled- Completed- 100'

Construction details
Casing installed- "from to"
- "from to"
Welded- Liner installed- 0

Perforations- YES
Type of perforator- MILES KNIFE
Size of perforations- 1/2 "by 6"
132 perforations from 44 " to 50 ",
 perforations from ,

Screen-
Manufacturer
Type- model no.-
Dia- Size- "from to"
Dia- Size- "from to"

Surface seal to- ??
Material used- 
Did any strata contain unusable water?- Depth of strata , to 
Type of water-
Method of sealing-

Water levels on this date- 3/25/92
Land surface elevation- N/A
Static level below top of casing- 30 

Well test
Was a pump test made? Date-
By whom- For results see attached.

Air test-
5+- GPM WITH BIT SET AT 75 FOR 1 HR

DESCRIPTION - WELL LOG

MATERIALS FROM TO
EXISTING 0 75
BLU CLAY 75 100

STARTED- 02 25 92 COMPLETED 03 25 92

WELL CONSTRUCTOR'S CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 Shorey Road
Chehalis, Washington 98532
206-748-3798

contractors number- KING BDI 124 DC

CURTIS M. KING License# 0607

DATE 03/25/92
WATER WELL REPORT

Construction/Decommission ("x" in circle)

□ Construction
□ Decommission

ORIGINAL INSTALLATION Notice of Intent Number

PROPOSED USE:  □ Domestic  □ Industrial  □ Municipal
□ DeWater  □ Irrigation  □ Test Well  □ Other

CLASS A

TYPE OF WORK: Owner's number of well (if more than one)

□ New well  □ Reconditioned
□ Method:  □ Dug  □ Bored  □ Driven
□ Deepened  □ Cable  □ Rotary  □ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 73 ft.
Depth of completed well 73 ft.

CONSTRUCTION DETAILS

Casing: □ Welded □ 6 "  □ Diam. from 69 ft. to 73 ft.
Installation: □ Liner installed  □ Diam. from 69 ft. to 73 ft.
□ Threaded  □ Diam. from 69 ft. to 73 ft.
Perforations: □ Yes □ No
Type of perforator used

SIZE of perforations in by in. and no. of perforations from ft. to ft.

Screens: □ Yes □ No  □ K-Pac Location
Manufacturer's Name  Johnson
Type  303-65  □ Model No.
Diam. Slot size 5" from 69 ft. to 73 ft.
Diam. Slot size 5" from 69 ft. to 73 ft.
Gravel/Filler packed: □ Yes □ No □ Size of gravel/sand
Materials placed from 18 ft.

Surface Seal: □ Yes □ No  □ To what depth? 18 ft.
Material used in seal

Did any strata contain unusable water? □ Yes □ No
Type of water?  □ Depth of strata
Method of scaling strata off

PUMP: Manufacturer's Name  Gould
Type: 1/2 HP

WATER LEVELS: Land-surface elevation above mean sea level
Static level 19 ft. below top of well Date 7-7-07
Artesian pressure lbs. per square inct Date
Artesian water is controlled by (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? □ Yes □ No  □ If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.
Yield: gal./min. with ft. drawdown after hrs.
Yield: gal./min. with ft. drawdown after hrs.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test

Raiser test 16 gal./min. with 20 ft. drawdown after 2 hrs.
Airest test 16 gal./min. with steam set at ft. for hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? □ Yes □ No

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief

Driller □ Engineer □ Trainer Name (Print)
Driller/Engineer/Trainer Signature
Driller or Trainer License No.

[Signature]

[Signature]

IF TRAINEE, Driller's Licensed No.
Driller's Signature

CURRENT
Notice of Intent No. 23519
Unique Ecology Well ID Tag No. ALP 291
Water Right Permit No.
Property Owner Name Blessed Hope Baptist
Well Street Address 3246 Angus Dr.
City Tenino  County Thurston
Location 41-1/4-1/4S 1/4 Sec. 6  Twn. N R 1  Bpm circle one
Lat/Long (s, t, r) Lat Deg Long Min/Sec
Still REQUIRED Long Deg Long Min/Sec
Tax Parcel No. 1160634020

CONSTRUCTION OR DECOMMISSION PROCEDURE
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>top soil</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>clay - cobble</td>
<td>12</td>
<td>20</td>
</tr>
<tr>
<td>clay, consolidated clay</td>
<td>20</td>
<td>22</td>
</tr>
<tr>
<td>gravel - sand</td>
<td>26</td>
<td>50</td>
</tr>
<tr>
<td>sand</td>
<td>50</td>
<td>73</td>
</tr>
</tbody>
</table>

RECEIVED
NOV 27, 2007

DEPARTMENT OF ECODY
WELL DRILLING UNIT

DEC. BUDGET

Start Date 6-30-07  Completed Date 7-7-07

The Department of Ecology does NOT warranty the Data and/or Information on this Well Report.
WATER WELL REPORT

Construction/Decommission ("x" in circle) 297257

Proosed Use: [ ] Domestic [ ] Industrial [ ] Municipal [ ] DeWater [ ] Irrigation [ ] Test Well [ ] Other [ ] Public

Type of Work: Owner's number of well (if more than one)
[ ] New Well [ ] Reconditioned [ ] Method: [ ] Dug [ ] Bored [ ] Driven [ ] Deepened [ ] Cable [ ] Rotary [ ] Jetted

Dimensions: Diameter of well: in. inches, drilled ft.
Depth of completed well: ft.

Construction Details
Casing: [ ] Welded
[ ] Liner installed
[ ] Threaded
Diam. from ft. to ft.

Perforations: [ ] Yes [ ] No
Type of perforator used
Size of perf. in. by in. and no. of perf. from ft. to ft.

Screen: [ ] Yes [ ] No
Manufacturer's Name
Type: [ ] Model No.

Slot Size: Diam. from ft. to ft.
Slot Size: Diam. from ft. to ft.
Gravel/Filter packed: [ ] Yes [ ] No
Size of gravel/sand
Materials placed from ft. to ft.

Surface Seal: [ ] Yes [ ] No
To what depth? ft.

Materials used in seal
Did any strata contain unusable water? [ ] Yes [ ] No
Type of water?

Method of sealing strata off
Pump: Manufacturer's Name
Type: [ ] H.P.

Water Levels: Land-surface elevation above mean sea level: ft.
Static level: ft. below top of well
Date
Artesian pressure: lbs. per square inch
Date
Artesian water is controlled by
(cap, valve, etc.)

Well Tests: Drawdown is amount water level is lowered below static level. Was a pump test made? [ ] Yes [ ] No If yes, by whom?

Yield: gal/min. with ft. drawdown after hrs.
Yield: gal/min. with ft. drawdown after hrs.
Yield: gal/min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off/water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test

Bailer test: gal/min. with ft. drawdown after hrs.

Airest: gal/min. with stem set at ft. for hrs.

Artesian flow

Temperature of water. Was a chemical analysis made? [ ] Yes [ ] No

Well Construction Certification: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

[ ] Driller [ ] Engineer [ ] Trainee Name (Print) 8Rich Vernon

Driller/Engineer/Trainee Signature

Driller or Trainee License No.

If trainee, licensed driller's signature and license no.

Current Notice of Intent No. A 125905

Unique Ecology Well ID Tag No.

Water Right Permit No.

Property Owner Name: Blessed Hope Baptist

Well Street Address: 3046 Angus Dr

City: Thorsen

County: Tulare

Location: Sec. 1/4- 1/4 SW1/4 Sec. 6, Twn. 16N R. 1 EWM circle one

Lat/Long: Lat Deg Long Min/Sec

Required: Long Deg Long Min/Sec

Tax Parcel No.: 1/6 04 34 202

Construction or Decommission Procedure
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered. (Use Additional Sheets if necessary.)

Material

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decommission</td>
<td>+1 4'7</td>
</tr>
</tbody>
</table>

Department of Ecology
WELL DRILLING UNIT

RECEIVED
MAY 21, 2006

DEPARTMENT OF ECOLOGY
WELL DRILLING UNIT

Start Date: 12-7-07
Completed Date: 12-7-07

WELL CONSTRUCTION CERTIFICATION:

Driller: Rich Vernon
Driller's License No.

Address 403 Maize Rd

City, State, Zip: Tulare, CA 93274

Contractor's Registration No.

Drilling Company

Driller's Certification: [ ] I have read the above certification and agree with its contents.

City, State, Zip: Tulare, CA 93274

Address 403 Maize Rd

City, State, Zip: Tulare, CA 93274

Contractor's Registration No.

Drilling Company
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Dick Campbell  Address: Old Hurt 99

(2) LOCATION OF WELL: County: Thurston

(3) PROPOSED USE: Domestic [X]  Industrial [ ]  Municipal [ ]
Irrigation [ ]  Test Well [ ]  Other [ ]

(4) TYPE OF WORK: Owner's number of well
New well [X]  Method: Dug [ ]  Bored [ ]
Depended [ ]  Cable [X]  Driven [ ]
Reconditioned [ ]  Rotary [ ]  Jetted [ ]

(5) DIMENSIONS: Diameter of well: 6 inches.
Depth of completed well: 43.5 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from 0 ft. to 39 ft.
Threaded [ ]  Diam. from ______ ft. to ______ ft.
Welded [X]  Diam. from ______ ft. to ______ ft.

Perforations: Yes [X]  No [ ]
Type of perforator used: .
SIZE OF PERFORATIONS: in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [X]  No [ ]
Manufacturer's Name: Johnson
Type: SS - Super  Model No.
Diam. 6"  Slot size 18 from 0 ft. to 43.5 ft.
Diam. 6"  Slot size 18 from 0 ft. to 43.5 ft.

Gravel packed: Yes [X]  No [ ]
Size of gravel: .
Gravel placed from ft. to ft.

Surface seal: Yes [X]  No [ ]
To what depth? 18 ft.
Material used in seal: .
Dirt/sandy strata contain unsalable water? Yes [X]  No [ ]
Type of water: .
Depth of strata:
Method of sealing strata off:

(7) PUMP:
Manufacturer's Name: Westrol
Type: 5hp, Ser. 10  HP. Yd.

(8) WATER LEVELS:
Static level: 18 ft. below top of well Date: 10-25-78
Artesian pressure: lbs. per square inch Date:
Artesian water is controlled by:
(Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level.
Was a pump test made? Yes [X]  No [ ]
If yes, by whom? TIMS
Yield: gal/min. with ft. drawdown after hrs.
16 gpm 12 ft. 2 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level):

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of test: 10-25-78
Pump test: 15 gal/min. with 10 ft. drawdown after 2 hrs.
Production time: hrs.
Temperature of water: .
Was a chemical analysis made? Yes [X]  No [ ]

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and flow thickness of aquifers and the kind and nature of the material in each strata penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOOSE CORALIS</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>SAND AND GRAVEL</td>
<td>7</td>
<td>32</td>
</tr>
<tr>
<td>DIRTY SAND</td>
<td>32</td>
<td>52</td>
</tr>
<tr>
<td>WATER BGS. SAND - (BEAV)</td>
<td>52</td>
<td>86</td>
</tr>
<tr>
<td>FIRE SAFETY</td>
<td>86</td>
<td>46</td>
</tr>
<tr>
<td>TEST 15 GPM W/10' DD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUMP TEST 11 GPM W/17' DD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ION CONTENT 2 PPM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: TIMS WELL DRILLING
(Person, firm, or corporation) (Type or print)
Address: 6906 33rd Ave SE

[Signature] Jim K. Maker (Well Driller)
License No. 0832  Date: 10-30-78

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Gale & Juanita Ever Address: 911 E 58th, Tacoma, WA 98404
(2) LOCATION OF WELL: County: Thurston
(2a) STREET ADDRESS OF WELL (or nearest address): 12493 4th Ave. 99 SE Tenino, WA

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐ Driven ☐
Deepened ☐ Cable ☐ Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well: 6 inches.
Drilled: 58 feet, Depth of completed well: 58 feet.

(6) CONSTRUCTION DETAILS:
Casing installed: -1 ft. to 53 ft.
Welded ☒ Diam. from 5 1/2 in.
Liner installed: 1 1/2 in.
Threaded ☐ Diam. ft. to ft.
Perforations: Yes ☐ No ☒ in. by in.

Screens: Yes ☐ No ☒
Manufacturer's Name: Johnson
Type: Stainless
Model No.
Diam. 5 1/2 in., Slot size 20 ft. to 53 ft.
Diam. 5 1/2 in., Slot size 53 ft. to 58 ft.
Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.
Surface seal: Yes ☒ No ☐ To what depth: 19 ft.
Material used in seal: Bentonite
Did any strata contain unusable water? Yes ☐ No ☐ Depth of strata:

(7) PUMP: Manufacturer's Name:
Type: H.P.

(8) WATER LEVELS:
Land-surface elevation above mean sea level:
Static level: 24 ft. below top of well Date: 2-21-88
Artesian pressure: lbs. per square inch Date:
Artesian water is controlled by:
(Cap. valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom?
Yield: gal/min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured
from well top to water level)
Time Water Level Time Water Level

Date of test:
Ball test 20 gal/min. with ft. drawdown after hrs.
Art test gal/min. with stem set at ft. for hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show
thickness of aquifers and the kind and nature of the material in each stratum penetrated,
with at least one entry for each change of information.

MATERIAL FROM TO
Black loam & gravel It. brown 0 2
Gravel & cobbles, sand, & clay 2 29
Gravel & clay, dk. brown 29 39
Gravel & sand, gray 39 -


WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well,
and its compliance with all Washington well construction standards.
Materials used and the information reported above are true to my best
knowledge and belief.

NAME: Longten Drilling Co.
(TYPE OR PRINT)
Address: 2032 S. Bay 80, Olympia
(Signed)
Contractor's Registration No. CARDE 14080 Date 7-25-88
License No. 067
(USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**LOCATION OF WELL, COUNTY- THURSTON**  
SW1/4 SW1/4 SEC 6 TN 16 R 1W

**ADDRESS- 4424 SE 24TH, OLYMPIA**

**OWNER- JACK MCKINLAY**

**PROPOSED USE- DOMESTIC**

**NUMBER OF WELL- ONE**

**TYPE OF WORK- NEW CONSTRUCTION**

**METHOD OF CONSTRUCTION- AIR ROTARY**

**DIMENSIONS-**  
**Drilled- 60 ' Completed- 58 '**

**CONSTRUCTION DETAILS**  
**Casing installed- 6 " FROM +2 ' TO 58 '**

**WELDED- YES LINER INSTALLED- NO**

**PERFORATIONS- NO**

**Type of perforator-**  
**Size of perforations- "BY "**

**Perforations FROM- TO-**

**Screen- NO**

**Manufacturer**

**Type- Model no.-**

**Dia- Size- FROM- TO-**

**Dia- Size- FROM- TO-**

**Surface seal to- 18 '**

**Material used- BENTONITE**

**DID ANY STRATA CONTAIN UNSUSABLE WATER? NO**

**Depth of strata TO-**

**Type of water-**

**Method of sealing-**

**Water levels on this date- 3/24/92**

**Land surface elevation- N/A**

**Static level below top of casing- 31 '**

**WELL TEST**

**Was a pump test made? NO**

**By whom-**

**Date-**

**For results see attached.**

**Air test-**

**12 GPM WITH BIT SET AT 57 FOR 1 HR**

**STARTED- 03 24 92 COMPLETED 03 24 92**

**WELL CONSTRUCTORS CERTIFICATION**

I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.  
644 SHOREY ROAD  
CHEHALIS, WASHINGTON 98532  
206-748-3798

**CONTRACTORS NUMBER- KING BDI 124 DC**

**CURTIS M. KING’ LICENSE# 0607**

**DATE 3/25/92**
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name. JOYCE LAGUER. Address. AUGUST DRIVE SE.

(2) LOCATION OF WELL: County. THURSTON. Bearing and distance from section or subdivision corner.

(3) PROPOSED USE: Domestic ☑ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one). New well ☑ Method. Dug ☐ Bored ☐ Deepened ☐ Cable ☒ Driven ☐ Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 61/4 inches. Depth of completed well 61/2 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6." Diam. from 0 ft. to 57 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☑ No ☐ Type of perforator used.
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☑ No ☐ Manufacturer's Name. COOK. Type. STAINLESS. Model No.
Diam. in. Slot size from ft. to ft.
Diam. in. Slot size from 57 ft. to 61/2 ft.

Gravel packed: Yes ☑ No ☐ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☑ No ☐ To what depth? 18 ft.
Material used in seal. BENTONITE. Did any strata contain unusable water? Yes ☑ No ☐
Type of water?
Method of sealing strata off.

(7) PUMP: Manufacturer's Name. VERTOL. Type. SGE 10. H.P. 1/2.

(8) WATER LEVELS:
Land-surface elevation above mean sea level. ft.
Static level 33 ft. below top of well. Date. 11/81 ft.
Artesian pressure lbs. per square inch. Date.
Artesian water is controlled by. (Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level.
Was a pump test made? Yes ☑ No ☐ If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level

Date of test
Bailer test. 1/2 gal./min. with 5 ft. drawdown after 2 hrs.
Artesian flow.
Temperature of water. Was a chemical analysis made? Yes ☑ No ☐

(10) WELL LOG:
Formation. Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil - BOULDERS</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>HP - BOULDERS</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>HP - CLAY</td>
<td>7</td>
<td>47</td>
</tr>
<tr>
<td>LIGHT SAND - SEEPALE</td>
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<td>48</td>
</tr>
<tr>
<td>HP - CLAY</td>
<td>48</td>
<td>55</td>
</tr>
</tbody>
</table>

IRON CONTENT 0.7 mg/l

RECEIVED
SEP 07 1962

DEPARTMENT OF ECOLOGY
SOUTHWEST REGIONAL OFFICE

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME. TIMS WELL DRILLING. (Person, firm, or corporation) (Type or print)
Address. 1096 33RD AVE. LACEY.

[Signature] John A. Miller (Well Driller)

(USE ADDITIONAL SHEETS IF NECESSARY)
Water Well Report

Construction/Deconstruction ("x" in circle)
- Construction
- Decommission Original Construction Notice

Proposed Use: [ ] Domestic [ ] Industrial [ ] Municipal
- DeWater [ ] Irrigation [ ] Test Well [ ] Other

Type of Work: Owner's number of well (if more than one)
- New Well [ ] Reconditioned Method: [ ] Dug [ ] Bored [ ] Driven
- Deepened [ ] Cable [ ] Rotary [ ] Jetted

Dimensions: Diameter of well: [ ] inches, drilled: [ ] ft. Depth of completed well: [ ] ft.

Construction Details
- Casing: [Welded] 6 in. Dram. from [ ] ft. to [ ] ft.
- Installed: Liner installed [ ] ft. to [ ] ft.
- Threaded [ ] ft. to [ ] ft.

Perforations: Yes [ ] No [ ]
Type of perforator used:
Size of perf [ ] in. by [ ] in. and no. of perf [ ] ft. to [ ] ft.

Screens: Yes [ ] No [ ] K-Pac Location
Manufacturer's Name:
Type: [ ] Model No: [ ]

Diam. [ ] Slot Size [ ] ft. to [ ] ft.
Diam. [ ] Slot Size [ ] ft. to [ ] ft.

Gravel/Filter packed: Yes [ ] No [ ]
Size of gravel/sand: [ ] ft. to [ ] ft.

Materials placed from [ ] ft. to [ ] ft.
Surface Seal: [ ] Yes [ ] No To what depth? [ ] ft.
Materials used in seal: Bentonite

Did any strata contain unusable water? Yes [ ] No [ ]
Type of water: [ ]
Depth of strata:
Method of sealing strata off:

Pump, Manufacturer's Name:
Type: H [ ] P

Water Levels
- Land-surface elevation: [ ] ft. above mean sea level
- Static level: [ ] ft. below top of well Date: [11/14/03]
- Artesian pressure: [ ] lbs. per square inch Date:
Artesian water is controlled by:
- (cap, valve, etc.)

Well Tests: Drawdown is amount water level is lowered below static level.
Was a pump test made? Yes [ ] No [ ]
Yield: gal./min. with [ ] ft. drawdown after [ ] hrs.
Yield: gal./min. with [ ] ft. drawdown after [ ] hrs.
Yield: gal./min. with [ ] ft drawdown after [ ] hrs.

Recovery data: time taken as zero when pump turned off (water level measured from well top to water level)
Time Water Level Time Water Level
- [ ]  
- [ ]
Date of test:
Bailer test: gal./min. with [ ] ft. drawdown after [ ] hrs. 
Artesian test: 50 gal./min. with stem set at [ ] ft. for [ ] hrs.
Artesian flow: [ ] g.p.m. Date: [ ]
Temperature of water: [ ] Was a chemical analysis made? Yes [ ] No [ ]

Well Construction Certification: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller [ ] Engineer [ ] Trainee Name: [ ]
Driller/Engineer/trainee signature: [ ]
Driller or Engineer License No: [2470]

If trainee, licensed driller's signature and license no:

Receiving Report

Receives: [ ] 2-4-03
Washington State
Department of Ecology

Start Date: [11/12/02] Completed Date: [11/14/02]
WATER WELL REPORT

Notice of Intent No. W 265997
Unique Ecology Well ID Tag No. BBE 295
Water Right Permit No. Exempt well
Property Owner Name Khosrow Kashani
Well Street Address 13135 Old Highway 99 SE
City Tenino County Thurston
Location NE 1/4-1/4 SW 1/4 Sec 6 Twn 16 R 1 EWM Check (WWM One)
Lat/Long Lat Deg 46 Lat Min/Sec 53'32"
Long Deg 122 Long Min/Sec 51'49"
Tax Parcel No. (Required) 11606340100

CONSTRUCTION OR DECOMMISSION PROCEDURE
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Sand &amp; gravel Brown Soft</td>
<td>2</td>
<td>15</td>
</tr>
<tr>
<td>Sand, some gravel Grown Soft</td>
<td>15</td>
<td>27</td>
</tr>
<tr>
<td>Sand, silt, gravel Gray Hard</td>
<td>27</td>
<td>36</td>
</tr>
<tr>
<td>Sand, silt, gravel-wb not much water Gray Hard</td>
<td>36</td>
<td>52</td>
</tr>
<tr>
<td>Sand, silt, gravel-wb-more water Gray Hard</td>
<td>52</td>
<td>62</td>
</tr>
</tbody>
</table>

RECEIVED
WA State Department of Ecology (SWRO)

ECY 050-1-20 (Rev 06/08) If you need this document in an alternate format, please call the Water Resources Program at 360-407-6600.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.
### Water Well Report

**State of Washington**

**Owner:** Margaret Lockhart  
**Address:** 1414 A Warren St NE, Olympia, WA

**Location of Well:** Thurston  
**Street Address of Well:** 1348 Old Hwy 99  
**Parcel:** 116 064 30101

**Proposed Use:** Dug Well  
**Type of Work:** New Well  
**Well Log or Abandonment Procedure Description:**

- **Top Soil:** Coarse Sand  
- **Depth:** 0' 3'  
- **Material:** Basalt  
- **Depth:** 3' 58'

**Construction Details:**
- **Casing Installed:** Yes  
- **Perforations:** Yes  
- **Type of Perforator Used:** Desco 10 slot  
- **Screens:** Yes  
- **Manufacturer's Name:**  
- **Model No.:**

**Water Levels:**
- **Static Level:** 12 ft.  
- **Artesian Pressure:** 10 lbs. per square inch

**Well Tests:**
- **Drawdown Test:**
  - **Yield:** gal./min.  
  - **Drawdown After:** hrs.

**Well Constructor Certification:**

I, [Cobbie Chance Drilling], constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

**Address:** 1411 Kaiser Ln NW, Olympia  
**License No.:** 5117  
**Contractor's Registration No.:** 12665585  
**Date:** 4/12/98

---

**Notes:**
- **Diameter of Well:** 6 inches  
- **Depth of Completed Well:** 140 ft.

---

**License No.:** 5117  
**Date:** 4/12/98

---

**USE ADDITIONAL SHEETS IF NECESSARY**
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: MR MAC
Address: ANGUS ROAD, TENINO

(2) LOCATION OF WELL: County: THURSTON
Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic [X] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well [ ]
if more than one [X]
New well [ ] Method: Dug [ ] Bored [ ]
Deepered [ ] Dug [ ] Cable [ ] Driven [ ]
Reconditioned [ ] air Rotary [X] Wetted [ ]

(5) DIMENSIONS:
Diameter of well: 6 inches.
Drilled: 53+ ft. Depth of completed well: 49 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 ft. Diam. from 3 ft. to 47 ft.
Threaded [ ] Diam. from [ ] ft. to [ ] ft.
Welded [X] Diam. from [ ] ft. to [ ] ft.

Perforations: Yes [X] No [ ]
Type of perforator used:
SIZE of perforations: In. by
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [X] No [ ]
Manufacturer's Name:
Type: [ ]
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [X] No [ ]
Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ]
To what depth? 18 ft.
Material used in seal: bentonite slurry
Did any strata contain unusable water? Yes [X] No [ ]
Type of water? Depth of strata:
Method of sealing strata off:

(7) PUMP: Manufacturer's Name:
Type: [ ] H.P.

(8) WATER LEVELS:
Land-surface elevation above mean sea level: 29 ft.
Static level 29 ft. below top of well. Date: 5/16/86
Artesian pressure: lbs. per square inch. Date:
Artesian water is controlled by:
(Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [X] No [ ] If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
Recovery date (time taken as zero when pump turned off) (water level measured from well top to water level)

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test:
Before test: 5 gal./min. with MAX. ft. drawdown after 1 hrs.
Apparatus [ ] g.p.m. Date:
Temperature of water: Was a chemical analysis made? Yes [X] No [ ]

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>topsoil</td>
<td>0</td>
<td>.5</td>
</tr>
<tr>
<td>sand and gravel grey brown</td>
<td>.5</td>
<td>49</td>
</tr>
<tr>
<td>brown clay and sand mucky</td>
<td>49</td>
<td>53+</td>
</tr>
</tbody>
</table>

KING BROS DRILLING, INC.
P.O. BOX 370
CENTRALIA, WA 98531
OFFICE: 736-7722


WELL DRiller'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: KING BROS DRILLING, INC.
(Person, firm, or corporation)
CENTRALIA, WA 98531
(Type or print)
OFFICE: 736-7722

[Signature]: Curtis King (Well Driller)

License No: 0609
Date: 5/19 10.
**WATER WELL REPORT**  
STATE OF WASHINGTON

**1. OWNER:** Peter Gregory  
**Address:** 1343 Campbell Ave, Everett, WA

**2. LOCATION OF WELL:** County: Everett  
Township: 3  
Range: 7  
Section: 5  
T. 16° N, R. 11° W

**3. PROPOSED USE:**  
Domestic [ ]  
Industrial [ ]  
Municipal [ ]

**4. TYPE OF WORK:**  
Owner's number of well [ ]  
New well [ ]  
Method: Dug [ ]  
Bored [ ]

Deepened [ ]  
Cable [ ]  
Driven [ ]

Reconditioned [ ]  
Rotary [ ]  
Jetted [ ]

**5. DIMENSIONS:**  
Diameter of well: 6 inches.  
Depth of completed well: 58 ft.

**6. CONSTRUCTION DETAILS:**  
Casing installed: 6" Diam. from 0 ft. to 59 ft.

Threaded [ ]  
Diam. from to ft.

Welded [ ]  
Diam. from to ft.

**Perforations:**  
Yes [ ]  
No [ ]  
Size of perforations: in. by in.

**Screens:**  
Yes [ ]  
No [ ]  
Manufacturer's Name:

Type of perforator used:

**Size of perforations:** in. by in.  
Perforations from ft. to ft.  
Perforations from ft. to ft.  
Perforations from ft. to ft.

**Gravel packed:**  
Yes [ ]  
No [ ]  
Size of gravel:

Gravel placed from ft. to ft.

**Surface seal:**  
Yes [ ]  
No [ ]  
To what depth? 18 ft.

Material used in seal:

Did any strata contain unusable water? Yes [ ]  
No [ ]

Type of water:

Depth of strata:

Method of sealing strata off:

**7. PUMP:**  
Manufacturer's Name: Buckley  
Type: Auto  
H.P. 2

**8. WATER LEVELS:**  
Land-surface elevation above mean sea level: 42 ft.

Static level: 42 ft. below top of well. Date: 10-19-87

Artesian pressure: lbs. per square inch Date:

Artesian water is controlled by:

(Cap, valve, etc.)

**9. WELL TESTS:**  
Drawdown is amount water level is lowered below static level.

Was a pump test made? Yes [ ]  
No [ ]  
If yes, by whom? Driller.

Yield: 15 gal/min. with 3 ft. drawdown after 2 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 A.M</td>
<td>42</td>
<td>4 P.M</td>
<td>47</td>
<td>10 A.M</td>
<td>12</td>
</tr>
</tbody>
</table>

Date of test: 10-13-87

Boiler test: 20 gal/min. with 3 ft. drawdown after 1 hr.

Artesian flow: g.p.m. Date: 10-13-87

Temperature of water: Was a chemical analysis made? Yes [ ]  
No [ ]

**10. WELL LOG:**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Rocks</td>
<td>0</td>
<td>38</td>
</tr>
<tr>
<td>Pea gravel</td>
<td>38</td>
<td>56</td>
</tr>
<tr>
<td>Gravel water</td>
<td>56</td>
<td>59</td>
</tr>
</tbody>
</table>

**WELL DRILLER'S STATEMENT:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

**NAME:** Anderson Drilling  
**Address:** P.O. Box 351, Rochester, WA

**[Signed]** William Anderson  
(Well Driller)

**License No:** 0685  
**Date:** 10-23-87  
(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

STATE OF WASHINGTON

(1) OWNER: Name: RAYMOND A. WOOD Address: 3030 DONAVAN LOOP S.E. OLY, 98501

(2) LOCATION OF WELL: County: THURSTON

(2a) STREETS ADDRESS OF WELL (or nearest address): 3022 ANGUS DR. TENINO, WA. 98589

(3) PROPOSED USE: Domestic \(\square\) \(\square\) \(\square\) \(\square\) \(\square\) \(\square\) \(\square\) \(\square\) \(\square\) \(\square\)

(4) TYPE OF WORK: Owner's number of well (if more than one)
- Abandoned \(\square\)
- New well \(\square\)
- Deepened \(\square\)
- Reconditioned \(\square\)
- Wells: \(\square\)
- Test well \(\square\)
- Other \(\square\)

(5) DIMENSIONS:
- Diameter of well: 6 inches.
- Drilled: 40 feet.
- Depth of completed well: 40 ft.

(6) CONSTRUCTION DETAILS:
- Casing installed: 60 ft. Diam. from 4-1 ft. to 4-40 ft.
- Welded \(\square\)
- Liner installed \(\square\)
- Threaded \(\square\)
- Perforations: Yes \(\square\) No \(\square\)
- Type of perforator used:
- Size of perforations in. by ft. to ft.
- Perforations from ft. to ft.
- Depth of strata
- Gravel packed: Yes \(\square\) No \(\square\)
- Size of gravel:
- Gravel placed from ft. to ft.
- Surface seal: Yes \(\square\) No \(\square\)
- To what depth: 18 ft.
- Material used in seal:
- Did any strata contain usable water? Yes \(\square\) No \(\square\)
- Type of water:
- Method of sealing strata off:

(7) PUMP:
- Manufacturer's Name: NO
- Type: H.P.

(8) WATER LEVELS:
- Land surface elevation above mean sea level:
- Static level: 20 ft. below top of well Date: 8-18-92
- Artesian pressure: lbs. per square inch Date
- Artesian water is controlled by (Cap, valve, etc.):

(9) WELL TESTS:
- Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes \(\square\) No \(\square\)
- If yes, by whom?
- Yield: gal. / min. with hrs.
- Recovery test (Time taken as zero when pump turned off) (water level measured from well top to water level)
- Time Water Level Time Water Level Time Water Level

(10) WELL LOG OR ABANDONMENT PROCEDURE DESCRIPTION:
- Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.
- Material
- FROM TO
- BLACK SANDY TIPS
- GRAVEL 0 15
- HARD PAN 15 20
- SAND GRAVEL WATER 2.0 40

WELL CONSTRUCTOR CERTIFICATION:
- I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to the best knowledge and belief.

NAME ADRILLING CO. 350-8217
- (PERSON, FIRM, OR CORPORATION) TYPE OR PRINT
- Address LITTLE ROCK RD. S.W. OLY. 98507
- (SIGNED) (WELL DRILLER) License No. 1310
- Contractor's Registration No. A-DRIC Date 8-19 199
- (USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT  
STATE OF WASHINGTON

(1) OWNER: Name Richard W. Carl

Address

(2) LOCATION OF WELL: County Thurston

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☒ Industrial □ Municipal □ Irrigation □ Test Well □ Other

(4) TYPE OF WORK: Owner's number of well □ New well ☒ Method: Dug □ Bored □ Deepened □ Cable □ Driven □ Reconditioned □ Rotary ☒ Jetted □

(5) DIMENSIONS: Diameter of well 8 inches. Drilled 105 ft. Depth of completed well 102 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 8" Diam. from 0 ft. to 98 ft.

Threaded □ Diam. from ft. to ft. Welded ☒ Diam. from ft. to ft.

Perforations: Yes ☒ No □ Type of perforator used:

Size of perforations in. by in.

Perforations from ft. to ft.

Perforations from ft. to ft.

Perforations from ft. to ft.

Screens: Yes ☒ No □ UOP Johnson

Manufacturer's Name UOP Johnson

Type Stainless ☒ Model No

Diam. 8 Slot size 50 from 98 ft. to 102 ft.

Diam. Slot size from ft. to ft.

Gravel packed: Yes ☒ No □ Size of gravel:

Gravel placed from ft. to ft.

Surface seal: Yes ☒ No □ To what depth? 20 ft.

Material used in seal Bentonite

Did any strata contain unusable water? Yes □ No ☒ Depth of strata

Type of water:

Method of sealing strata off.

(7) PUMP: Manufacturer's Name

Type:

(8) WATER LEVELS:

Land-surface elevation above mean sea level:

Static level 17 ft. below top of well Date 2/14/75

Artesian pressure lbs. per square inch Date

Artesian water is controlled by Cap, valve, etc.

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes ☒ No □ If yes, by whom?

Yield: gal/min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test

Bailer test gal/min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? Yes ☒ No □

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Gravel &amp; boulders</td>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td>Gravel &amp; boulders, seepage</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td>Clay, gravel &amp; boulders</td>
<td>20</td>
<td>29</td>
</tr>
<tr>
<td>Sany clay</td>
<td>29</td>
<td>36</td>
</tr>
<tr>
<td>Sand, some water</td>
<td>36</td>
<td>41</td>
</tr>
<tr>
<td>Sand, heaving</td>
<td>41</td>
<td>88</td>
</tr>
<tr>
<td>Heaving/sand &amp; some gravel</td>
<td>88</td>
<td>93</td>
</tr>
<tr>
<td>Gravel &amp; sand, water</td>
<td>93</td>
<td>102</td>
</tr>
<tr>
<td>Cemented rock, sand &amp; blue clay</td>
<td>102</td>
<td>105</td>
</tr>
</tbody>
</table>

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Richardson Well Drilling Company

Address P. O. Box 4408, Tacoma, Wa. 98404

[Signature] (Well Driller)

F. L. Richardson

License No. 223-02-6500 Date May 13, 1975

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Security Land
Address: P.O. Box 700B

(2) LOCATION OF WELL: County: Thurston
Sec: 14 T 16 N R 7 W M

(3) PROPOSED USE: Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well
(if more than one) [ ]
New well [ ] Method: Dug [ ] Bored [ ]
Deepened [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS:
Diameter of well 39 3/4 inches
Depth of completed well 39 1/4

(6) CONSTRUCTION DETAILS:
Casing installed: " Diam. from ft. to ft.
Threaded [ ]" Diam. from ft. to ft.
Welded [ ]" Diam. from ft. to ft.
Perforations: Yes [ ] No [ ]
Type of perforator used:
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [ ] No [ ]
Manufacturer's Name:
Type:
Diam. Slot size ft. to ft.
Diam. Slot size ft. to ft.

Gravel packed: Yes [ ] No [ ]
Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes [ ] No [ ]
To what depth 18 ft.
Material used in seal:

Did any strata contain unusable water? Yes [ ] No [ ]
Type of water:
Depth of strata:
Method of sealing strata off:

(7) PUMP: Manufacturer's Name:
Type:
H.P.:

(8) WATER LEVELS:
Land-surface elevation above mean sea level 19.6 ft.
Static level 6.8 ft. below top of well Date
Artesian pressure lbs, per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [ ]
If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test:
Boiler test gal./min. with N. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes [ ] No [ ]

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL FROM TO

Black Soil 0 2
Gravel & Sand 2 12
Brownish Silty Sand 12 18
Brownish Silty Sand (Compact) 18 28
Gravel & Sand (Water) 28

RECEIVED
JUL 1 1977

DEPARTMENT OF ECOLOGY
SOUTHWEST REGIONAL OFFICE

Work started 6-7, 1977 Completed 6-8, 1977

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: Cass Drilling Co.
Address: 2032 South Bay Rd

[Signed] Larry R. Carpenter
(Well Driller)

License No. 67 Date: June 8, 1977
**WATER WELL REPORT**

**STATE OF WASHINGTON**

(1) **OWNER:** Name: Security Land
Address: P.O. Box 7008

(2) **LOCATION OF WELL:** County: Thurston
Sec., T., R., W.M.: 5.1/2 Sw., 1/4 Sec., 6-16-11 W.

(3) **PROPOSED USE:** Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [X]

(4) **TYPE OF WORK:**
- Owner's number of well (if more than one): [Blank]
- Method: New well [X] Deepened [X] Reconditioned [ ]
- Cable [X] Bored [ ] Rotary [ ] Jetted [ ]

(5) **DIMENSIONS:**
- Diameter of well: 8" inches
- Depth of completed well: 51' 11/2"

(6) **CONSTRUCTION DETAILS:**
- Casing installed: Threaded [ ] Diam. from 39' 2 1/2" to 39' 1/2"
- Welded: [X] Diam. from 39' to 52 1/2"
- Perforations: Yes [X] No [ ]

(7) **SCREENS:**
- Type of perforator used: [Blank]
- Size of perforations: [Blank]
- Perforations from: ft. to ft.
- Number of perforations: [Blank]

(8) **Gravel packed:** Yes [X] No [ ]
- Size of gravel: [Blank]
- Gravel placed from: ft. to ft.

(9) **Surface seal:** Yes [X] No [ ]
- Material used in seal: [Blank]
- To what depth? 18 ft.
- Did any strata contain unusable water? Yes [X] No [ ]
- Type of water: [Blank]
- Depth of strata: [Blank]
- Method of sealing strata off: [Blank]

(10) **WELL LOG:**

<table>
<thead>
<tr>
<th>Material</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Loam</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Gravel &amp; Sand</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Silty Sand (Brown)</td>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td>Gravel (Reddish)</td>
<td>18</td>
<td>28</td>
</tr>
<tr>
<td>Gravel (Sand (Reddish))</td>
<td>28</td>
<td>39</td>
</tr>
<tr>
<td>Same as 28'-39' (Loose)</td>
<td>39</td>
<td>58</td>
</tr>
<tr>
<td>Gravel &amp; Sand (Wilsome)</td>
<td>58</td>
<td>89</td>
</tr>
<tr>
<td>Clay (More Compact)</td>
<td>58</td>
<td>89</td>
</tr>
<tr>
<td>Clay, Gravel &amp; Sand</td>
<td>89</td>
<td>99</td>
</tr>
<tr>
<td>Water off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow-Brown Clay</td>
<td>96</td>
<td>111</td>
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<tr>
<td>Sandstone</td>
<td>111</td>
<td></td>
</tr>
</tbody>
</table>

**RECEIVED**
JAN 5 1978

4 FLOUNDERTON
SOUTHWEST REGIONAL OFFICE

Work started: 12-5-77 Completed: 12-9-77

**WELL DRILLER'S STATEMENT:**
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

**NAME:** Carpenter Drilling Co.
**Address:** 2032 South Bay Rd

**License No.:** 67

**Date:** 12-9-77

**USE ADDITIONAL SHEETS IF NECESSARY**
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name The Housing Mart
Address 19749 Elderberry SW Rochester, WA 98579

(2) LOCATION OF WELL: County Thurston
(3) STREET ADDRESS OF WELL: 2603 Angus Dr. SE Tenino

(3) PROPOSED USE:
- Domestic
- Irrigation
- Industrial
- Municipal
- DeWate
- Other

(4) TYPE OF WORK:
- Owner's number of well (if more than one)
- New well
- Method: Drilled
- Bored
- Reconditioned
- Reused
- Cased
- Other

(5) DIMENSIONS:
- Diameter of well 6 inches
- Depth of completed well 45 ft.

(6) CONSTRUCTION DETAILS:
- Casing used:
  - 6 ft. from the ground
  - 45 ft. to the ground
- Welded
- Liner installed
- Threaded

- Perforations:
  - Yes
  - No
- Type of perforator:
- Size of perforations
- Screen:
  - No

- Materials used:
  - Gravel packed:
    - Yes
    - No
  - Screen:
    - Yes

- Surface seal:
  - No seal
  - To what depth?

- Material used in seal:
  - Bondant

- Did any strata contain unusable water? Yes
- Type of water
- Depth of strata
- Method of sealing strata

(7) PUMP:
- Manufacturer's Name
- Type

(8) WATER LEVELS:
- Land-surface elevation
- Above mean sea level
- Date
- Depth below top of well
- Date

- Artesian pressure
- Date

- Artesian water controlled by
- (Caf, valve, etc.)

(9) WELL TESTS:
- Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes
- Yes by whom
- Yield:
  - gal./min.
- ft. drawdown after hrs.

- Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
  - Time
  - Water Level

- Date of test
  - Ga./min.
  - ft. drawdown after hrs.
  - Artesian flow
  - gpm

- Temperature of water
- Was a chemical analysis made? Yes

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION:
- Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

- MATERIAL
- From
- To
- Description
- Depth

- Work Started
- Completed

WELL CONSTRUCTOR CERTIFICATION:
- I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

- NAME
- Moeke & Sons
- Address
- 1286 NW Maryland Chehalis
- (Signed) Chris Jones
- License No. 2253
- WELL DRILLER

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6008.
**WATER WELL REPORT**

**STATE OF WASHINGTON**

**WATER WELLS REPORT**

**OWNER:** Tim R. Morgan

**LOCATION OF WELL:** Thurston

**STREET ADDRESS OF WELL:** 12911 Old Hwy 99 SE, Tenino, WA 98589

**PROPOSED USE:** Domestic

**TYPE OF WORK:**
- Abandoned
- New well
- Method: Dug
- Borred
- Reconditioned
- Reconditioned

**DIMENSIONS:**
- Diameter of well: 6 inches
- Drilled: 90 feet
- Depth of completed well: 90 feet

**CONSTRUCTION DETAILS:**
- Casing installed: 6
- Diam. from 1 ft. to 98 ft.
- Welded
- Liner installed: 6
- Diam. from 1 ft. to 98 ft.
- Threaded
- Diam. from 1 ft. to 98 ft.
- Perforations: Yes
- Size of perforations
  - perforations from
  - perforations from
  - perforations from

**SCREENS:**
- Yes
- Manufacturer’s Name
- Model No.
- Type
- Diam.
- Slot size
- from
- Slot size
- from
- Gravel packed:
- Size of gravel
- Gravel placed from
- Surface seal:
- Yes
- To what depth?
- Material used in seal
- Did any strata contain unusable water?
- Yes
- Type of water
- Depth of strata
- Method of sealing strata off

**PUMP:**
- Manufacturer’s Name
- Type

**WATER LEVELS:**
- Land-surface elevation above mean sea level: 20 ft.
- Static level: 20 ft. below top of well
- Artesian pressure: 50 lbs. per square inch
- Date
- Artesian water is controlled by

**WELL TESTS:**
- Drawdown is amount water level is lowered below static level
- Was a pump test made?
- Yield: gal./min. with
- ft. drawdown after
- hrs.
- Date
- Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
- Time
- Water Level
- Time
- Water Level
- Date

**WELL CONSTRUCTION CERTIFICATION:**

I, [Signature], A-1 Drilling Co., 13229 Marksmen Rd. S.W., Olym, WA 98512, hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

**Contractor’s Registration Number:** A-1 Drilling Co.

**License No.:** 2248

**Date:** 9-18-96

**USE ADDITIONAL SHEETS IF NECESSARY:**

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.
<table>
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<td>W</td>
<td>7</td>
<td>NW</td>
<td>NE</td>
<td>7/1/1985</td>
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<td></td>
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<td></td>
<td></td>
<td>32373</td>
<td>W</td>
<td></td>
<td>32377</td>
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WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Brustel, Foods
Address: 2620 Angus Drive, Tumwater

(2) LOCATION OF WELL: County: Thurston

(3) PROPOSED USE: Domestic [X] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well (if more than one)...
New well [X] Method: Drive [ ] Bored [ ]
Depressed [ ] Cable [X] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well: 6" inches
Drilled: 52 1/2 ft. Depth of completed well: 52 1/2 ft.

(6) CONSTRUCTION DETAILS:
Casing Installed: 6" Diam. from 0 ft. to 52 1/2 ft.
Threaded [ ] " Diam. from ft. to ft.
Welded [X] " Diam. from ft. to ft.

Perforations: Yes [X] No [ ]
Type of perforator used: [ ]
SIZE of perforations: in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [X] No [ ]
Manufacturer's Name: [ ]
Type: [ ]
Diam. Slot size: ft. to ft.
Diam. Slot size: ft. to ft.

Gravel packed: Yes [X] No [ ] Size of gravel: [ ]
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 15 ft.
Material used in seal: [ ]
Did any strata contain unusable water? Yes [ ] No [X]
Type of Water? [ ]
Depth of strata? [ ]
Method of sealing strata off? [ ]

(7) PUMP: Manufacturer's Name: Westinghouse [ ]
Type: 1/2 HP [ ]

(8) WATER LEVELS: Land-surface elevation above mean sea level...
Static level: 20 ft. below top of well Date: 4/83
Artesian pressure: lbs. per square inch Date: [ ]
Artesian water is controlled by [Cap, valve, etc.] [ ]

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [X] No [ ] If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of: [ ] Better test to: [ ] ft. drawdown after [ ] hrs.
Artesian Date: 4/83 Date: 4/83

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifer and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil - Cobblel</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Cements sand + gravel</td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td>Silt</td>
<td>29</td>
<td>31</td>
</tr>
<tr>
<td>Horizon</td>
<td>31</td>
<td>50</td>
</tr>
<tr>
<td>WB Sand and gravel</td>
<td>50</td>
<td>52</td>
</tr>
</tbody>
</table>

Work started: 4/83 Completed: 4/83

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: Tim's Well Drilling (Person, firm, or corporation) (Type or print)
Address: 6906 3310 Ave SE

[Signature] [ ]
[Date] [ ]

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: David & Ruth Greening
Address: 2743 Angus Drive SE, Tenino, WA 98589

(2) LOCATION OF WELL: County: Thurston

(2a) STREET ADDRESS OF WELL: Same

(3) PROPOSED USE: Domestic ☑ Industrial ☐ Municipal ☐ Irrigation ☐ Water Well ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner’s number of well (if more than one)
Abandoned ☐ New well ☑ Method: Dug ☐ Bored ☐ Deepened ☐ Reconditioned ☐ Rotary-drill ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 60 inches.
Drilled 52 feet. Depth of completed well 52 feet.

(6) CONSTRUCTION DETAILS:
Casing installed: 5/18 - Diam. from ft. to ft.
Welded ☑
Liner installed, if any: ☑
Perforations: Yes ☑ No ☐
Type of perforator used __________
SIZE of perforations __________ in. by __________ in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☑ No ☐
Manufacturer’s Name __________
Type __________ Model No. __________
Diam. __________ Slot size __________ from ft. to ft.
Diam. __________ Slot size __________ from ft. to ft.

Gravel packed: Yes ☑ No ☐
Size of gravel __________
Gravel placed from ft. to ft.

Surface seal: Yes ☑ No ☐
To what depth? __________ ft.
Material used in seal: Bentonite
Did any strata contain unusable water? Yes ☐ No ☑
Type of water? __________
Depth of strata __________
Method of sealing strata off __________

(7) PUMP: Manufacturer’s Name __________
Type: __________ H.P. __________

(8) WATER LEVELS:
Land-surface elevation __________ ft. below top of well __________ ft.
Artesian pressure __________ psi per square inch __________
Artesian water level controlled by __________
(Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☑ No ☐
If yes, by whom? __________
 Yield ___________________. gal/min. with __________ ft. drawdown after __________ hrs.
" " " " " " " " 
Recovered data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time: __________ Water Level __________ ft.
Time: __________ Water Level __________ ft.
Time: __________ Water Level __________ ft.

Date of test __________ 
Boiler test: gal/min. with __________ ft. drawdown after __________ hrs.
Artest: __________ gal/min. with stand set at __________ ft. for __________ hrs.
Anisotropic flow __________ gpm. Date __________
Temperature of water __________ Was a chemical analysis made? Yes ☑ No ☐

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL FROM TO
Black clay + rocks 0 4
Gray sand + gravel 45 52

WELL CONSTRUCTOR CERTIFICATION:
I __________ contracted and/or accepted responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME: King Bros Drilling
Address: 759 D Rhoades Rd, Winlock, WA 98596
(Signed) ____________
License No. 0243

Contractor’s Registration No. ____________ Date: ____________
(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-8600. The TDD number is (206) 407-6006.
Water Well Report

Original - Ecology, 1st copy - owner, 2nd copy - driller

Construction/Decommission

Construction          Decommission

PROPOSED USE:    
- Domestic  
- Irrigation  
- Industrial  
- Municipal  
- Other  

TYPE OF WORK:    
- Owner's number of well (if more than one)  
- New well  
- Reconditioned  
- Method:  
  - Dig  
  - Bored  
  - Driven  
  - Cable  
  - Rotary  
  - Jetted  
- Deepened  
- Diameter of well:  
  - 6 inches, drilled  
  - 79 ft.  
- Depth of completed well:  
  - 79 ft.  

CONSTRUCTION DETAILS

Casing:  
- Welded  
- Diam. from  
  - 6 ft. to  
  - 74 ft.  
- Installed:  
  - Liner installed  
  - Diam. from  
    - 6 ft. to  
    - 74 ft.  
- Perforated:  
  - Yes  
  - No  
- Type of perforator used:  
  - Size of perfor  
    - in. by  
    - in.  
    - and no. of perfor  
      - from  
      - to  
- Screws:  
  - Yes  
  - No  
- K-Pac Type:  
  - Location:  
- Manufacturer's Name:  
  - WESCO  
- Type:  
  - Model No:  
- Diam.  
  - Slot size  
  - from  
  - to  
  - from  
  - to  
- Gravel/Filter packed:  
  - Yes  
  - No  
- Size of gravel/sand:  
- Materials placed from:  
  - to  
- Surface Seal:  
  - Yes  
  - No  
- To what depth:  
  - BENTONITE  
- Material used in seal:  
- Did any strata contain usable water?  
  - Yes  
  - No  
- Type of water?  
  - Depth of strata:  
- Method of sealing strata off:  

PUMP:  
- Manufacturer's Name:  
  - GOULDS  
- Type:  
  - H.P:  
  - 1/2 2.5  

WATER LEVELS:  
- Land-surface elevation above mean sea level:  
  - 8130 ft.  
- Static level:  
  - ft. below top of well:  
  - Date:  
  - 04  
- Artesian pressure:  
  - lbs. per square inch:  
  - Date:  
  - 04  
- Artesian water is controlled by:  
  - (capping, valve, etc.)  

WELL TESTS:  
- Drawdown is amount water level is lowered below static level  
- Was a pump test made?  
  - Yes  
  - No  
- If yes, by whom?  
- Yield:  
  - gal/min. with:  
  - ft. drawn after:  
  - hrs.  
- Yield:  
  - gal/min. with:  
  - ft. drawn after:  
  - hrs.  
- Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  
- Time  
  - Water Level:  
  - Time  
  - Water Level:  
  - Time  
  - Water Level:  
  - Date:  

Date of test:  
- 08-30-04  
- B  
- 30-04  
- gallons/min. with:  
  - ft. drawn after:  
  - hrs.  
- Air test:  
  - gallons/min. with stem set at:  
  - ft. for:  
  - hrs.  
- Artesian flow:  
  - g.p.m.  
  - Date:  
- Temperature of water:  
  - Was a chemical analysis made?  
  - Yes  
  - No  

WELL CONSTRUCTION CERTIFICATION:  
- I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.  

Driller/Engineer/Trainee Name (Print):  
- Tim R. Hovey  

Driller/Engineer/Trainee Signature:  

If trainer:  
- Driller's Licensed No:  
- Driller's Signature:  

Current Notice of Intent No:  
- W157697  

Unique Ecology Well ID Tag No:  
- ALB801  

Water Right Permit No:  
- EXEMPT  

Property Owner Name:  
- Dave Hacker  

Well Street Address:  
- 1300 S Old Hwy 99  

City:  
- Tenino  

County:  
- Thurston  

Location:  
- NW 1/4 Sec 3, Twn 3, R.  

Lat/Long:  
- 47 S, t, r  

Lat/Long:  
- Long Deg  
- Long Min/Sec  

still REQUIRED  
- Long Deg  
- Long Min/Sec  

Tax Parcel No:  
- 11607320100  

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation:  
- Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information indicate all water encountered. (USE ADDITIONAL SHEETS IF NECESSARY)  

MATERIAL  
- FROM  
- TO  

BROWN SAND W/SILT  
- 0 7  

BROWN SAND W/CLAY  
- 7 21  

BROWN CLAY W/SAND  
- 21 40  

GREY SAND - CLAY  
- W/GRAVEL  
- 40 52  

GREY SAND - FINE  
- 52 63  

GREY W/B SAND  
- SHOT W/GRAVEL  
- ACTIVE  
- SOME WOOD CHIPS  
- 79  

RECEIVED

SEP 2 2 2004

Washington State  
Department of Ecology  

Start Date:  
- 08-27-04  
Completed Date:  
- 08-30-04
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: LEEM DONALD
Address: 4301 48 Ave NE, OLY. WA 98503

(2) LOCATION OF WELL: County: THURSTON
Ne4 NW 1/4 1/4 Sec 07 T 16 N R 1W WM

(3) PROPOSED USE: Domestic ☑ Irrigation ☐ Industrial ☐ Municipal ☐
DeWater ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned ☐ New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Retired ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well: 60 inches.
Drilled 40 feet. Depth of completed well 40 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 60 ft.
Diam. from 1 ft. to 39 ft.
Welded ☑
Liner installed: ☐
Diam. from ft. to ft.
Threaded ☐
Diam. from ft. to ft.

Perforations: Yes ☐ No ☑
Type of perforator used:
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☑ No ☐
Manufacturer's Name
Type of screen used:
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☑ No ☐
Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☑ No ☐
Material used in seal:
To what depth?: 18 ft.
Did any strata contain unusable water?: Yes ☐ No ☑
Type of water?:
Depth of strate:
Method of sealing strate off:

(7) PUMP: Manufacturer's Name: ND
Type:
H.P.:

(8) WATER LEVELS:
Land-surface elevation above mean sea level
Static level: 5 ft. below top of well Date: 8/24
Artesian pressure lbs. per square inch Date:
Artesian water is controlled by

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made?: Yes ☐ No ☑
If yes, by whom?:
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test:
Bail test: gal./min. with ft. drawdown after hrs.
Artiest: gal./min. with stem set at 30 ft. for hrs.

Artesian flow g.p.m. Date: 8/29
Temperature of water Was a chemical analysis made?: Yes ☐ No ☑

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

A-1 DRILLING CO.
13229 MARKSMAN BLVD
OLYMPIA WA 98502
(Signed) (WELL DRILLER)
Name:
Address:
Contractor's Registration No. 1001300 A Date 8-30
License No. 2248

(EQUAL OPPOETITY AND AFFIRMATIVE ACTION EMPLOYER. FOR SPECIAL ACCOMMODATION NEEDS, CONTACT THE WATER RESOURCES PROGRAM AT (206) 407-6600. THE TDD NUMBER IS (206) 407-6006.)
## WATER WELL REPORT

**STATE OF WASHINGTON**

### (1) OWNER:
- **Name:** Mike Palco
- **Address:** 1405 14th St, Anacortes, WA

### (2) LOCATION OF WELL:
- **County:** Whatcom
- **Township:** N 45° 14' N
- **Range:** R 14 W
- **Section:** 7
- **Lot:** 14.4 Sec. 7, T. 16 N., R. 14 W.

### (3) PROPOSED USE:
- Domestic [X]  Industrial [ ] Municipal [ ] Irrigation [ ]  Test Well [ ] Other [ ]

### (4) TYPE OF WORK:
- Owner's number of well (if more than one): 2
- New well [X]  Method: Dug [ ]  Bored [ ]  Driven [ ]
- Deepened [ ]  Rotary [X]  Jettied [ ]

### (5) DIMENSIONS:
- Diameter of well: 6" inches
- Drilled: 140 ft.  Depth of completed well: 101 ft.

### (6) CONSTRUCTION DETAILS:
- Casing installed: 6" Diam. from 1 ft. to 76 ft.
  - Threaded [ ]  Diam. from ft. to ft.
  - Welded [ ]  Diam. from ft. to ft.
- Perforations: Yes [X]  No [ ]
  - Type of perforator used:
  - Size of perforations in. by in.
  - Perforations from ft. to ft.
  - Perforations from ft. to ft.
  - Perforations from ft. to ft.
- Screens: Yes [X]  No [ ]
  - Manufacturer's Name: Cook
  - Model No.:
  - Diam. Slot size ft. from ft. to ft.
  - Diam. Slot size ft. from ft. to ft.
- Gravel packed: Yes [X]  No [ ]
  - Size of gravel:
  - Gravel placed from ft. to ft.
- Surface seal: Yes [X]  No [ ]
  - To what depth ft.
  - Material used in seal:
  - Did any strata contain unusable water? Yes [ ]  No [X]
  - Type of water:
  - Depth of strata:
  - Method of sealing strats off:

### (7) PUMP:
- Manufacturer's Name:
- Type:

### (8) WATER LEVELS:
- Land-surface elevation above mean sea level...
- ft. below top of well Date:
- Artesian pressure lbs. per square inch Date:
- Artesian water is controlled by:
  - (Cap, valve, etc.)

### (9) WELL TESTS:
- Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes [ ]  No [X]
  - If yes, by whom?
  - Yield: gal./min. with ft. drawdown after hrs.
- Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
- Time Water Level Time Water Level Time Water Level

### (10) WELL LOG:
- Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand, muddy, salty</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Gravel, large</td>
<td>7</td>
<td>12</td>
</tr>
<tr>
<td>Sand, well, Beaury</td>
<td>29</td>
<td>114</td>
</tr>
<tr>
<td>Blue clay</td>
<td>114</td>
<td>140</td>
</tr>
</tbody>
</table>

### WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

**NAME:** King Bros. Drilling

**Address:** PO Box 376, Centralia

**License No.:** 0253  **Date:** 7/1, 1985

**Well Driller:**

**Signed:**

**Date:** 7/1, 1985

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Robin Ruby Address: P.O. Box 336, TEnino, WA 98589

(2) LOCATION OF WELL: County: Thurston

(3) PROPOSED USE: Domestic [X] Industrial [ ] Municipal [ ]

(4) TYPE OF WORK: Owner's number of well (if more than one)...
New well [X] Method: Dug [ ] Bored [ ]
Deepened [ ] Cable [X] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well 66 inches.
Drilled: 26 ft Depth of completed well 86 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: "Diam from ft. to ft.
Threaded [ ] "Diam from ft. to ft.
Welded [X] "Diam from ft. to ft.
Perforations: Yes [X] No [ ]
Type of perforator used:
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [X] No [ ]
Manufacturer's Name:
Type: Model No.:
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [X] No [ ]
Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ]
To what depth? ft.
Material used in seal: Grout
Did any strata contain unusable water? Yes [ ] No [X]
Type of water: Depth of strata:
Method of sealing strata off:

(7) PUMP: Manufacturer's Name:
Type: H.P.:

(8) WATER LEVELS:
Land-surface elevation above mean sea level...
Static level O ft. below top of well Date: 19 Aug 80
Artesian pressure lbs. per square inch Date:
Artesian water is controlled by: (Cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [X] No [ ]
If yes, by whom?...
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test:
Ralter test: 1.5 gal./min. with 1 ft. drawdown after 1 hrs.
Artesian flow: 12 g.p.m. Date:...
Temperature of water: Was a chemical analysis made? Yes [X] No [ ]

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
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<th>TO</th>
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<tr>
<td>Top Soil</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Br Clay - He - Sa</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>Br Clay - Sa</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Br Clay - Sa - Sm Sh</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>Hea Pan</td>
<td>40</td>
<td>58</td>
</tr>
<tr>
<td>Br Clay - Sa</td>
<td>58</td>
<td>61</td>
</tr>
<tr>
<td>Br Clay - Sm Sh</td>
<td>61</td>
<td>72</td>
</tr>
<tr>
<td>Br Clay - Sm Sh</td>
<td>72</td>
<td>86</td>
</tr>
</tbody>
</table>

RECEIVED
SEP 17 1980
DEPARTMENT OF ECOLOGY
SOUTHWEST REGIONAL OFFICE

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: A.J. Drilling [Type or print]
Address: 9735 Little Rose Rd. S.W. OLYMPIA, WA 98502

[Signed]: Warren L. Johnson
[Well Driller]

License No. 0602 Date: 20 Aug 1980

(USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**STATE OF WASHINGTON**

(1) **OWNER:** Name: **WARREN GILMORE**
Address: **901 OLD HWY 99 S ENO 150 OLY 982**

(2) **LOCATION OF WELL:** County: **THURSTON**

(2a) **STREET ADDRESS OF WELL** (or nearest address) **SAME**

(3) **PROPOSED USE:**
- Domestic [X]
- Irrigation [ ]
- Industrial [ ]
- Municipal [ ]
- Test Well [X]
- Other [ ]

(4) **TYPE OF WORK:**
- Owner's number of well (if more than one)
  - Abandoned [ ]
  - New well [X]
- Method:
  - Dug [ ]
  - Bored [X]
- Deepened [ ]
- Cable [ ]
- Driven [ ]
- Rotated [X]
- Jetted [ ]
- Reconditioned [ ]

(5) **DIMENSIONS:**
- Diameter of well: **4** inches
- Drilled: **901** feet
- Depth of completed well: **85** ft.

(6) **CONSTRUCTION DETAILS:**
- Casing installed: **8 1/2**" Diameter from 0 ft. to 85 ft.
- Welded [ ]
- Liner installed: **8 1/2**" Diameter from 0 ft. to 85 ft.
- Threaded [ ]
- Perforations: **Yes**
  - Type of perforator used:
  - No perforations in. by in.
  - Perforations from 0 ft. to 85 ft.
  - Perforations from 85 ft. to 90 ft.

- Screens: **Yes**
  - Manufacturer's Name: **Johnson Screen**
  - Type: **8 1/2**" Diameter
  - Model No: **10**
  - Slot size: **1/4** in. from 85 ft. to 90 ft.
  - Slot size: **1/4** in. from 85 ft. to 90 ft.

- Gravel packed: **Yes**
  - Size of gravel:
  - Gravel placed from 0 ft. to 85 ft.

- Surface seal: **Yes**
  - Material used in seal: **Bentonite**
  - To what depth? 20 ft.

- Did any strata contain unusable water? **Yes**
  - Type of water? Depth of strata?

(7) **PUMP:**
- Manufacturer's Name: **10**
  - Type: **H.P.**

(8) **WATER LEVELS:**
- Land surface elevation above mean sea level: **29** ft.
- Static level: **29** ft. below top of well
- Date:
- Artesian pressure: lbf. per square inch
- Date:

- Artesian water is controlled by (Cap, valve, etc.):

(9) **WELL TESTS:**
- Drawdown is amount water level is lowered below static level
- Was a pump test made? **Yes**
- If yes, by whom?
- Yield: gal./min. with ft. drawdown after hrs.

- Recovery date (time taken as zero when pump turned off) (water level measured from top to well level):
  - Time: Water Level: Time: Water Level

- Date of test:

(10) **WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand &amp; Gravel</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>Sandy Clay (Yellow)</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>Deposit A &amp; B</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>Deposit A &amp; B</td>
<td>180</td>
<td>200</td>
</tr>
<tr>
<td>Rock Banking</td>
<td>20</td>
<td>80</td>
</tr>
</tbody>
</table>

**WELL CONSTRUCTOR CERTIFICATION:**

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

**NAME:** **A. I. DRILLING CO.**

**ADDRESS:** **9995A LITTLE ROCK RD, S, DUNCAN**

**LICENSE NO:** **1494**

(Signed) **Scott J.**

**CONTRACTOR'S REGISTRATION NO:** **10141300**

**DATE:** **8-18-88**

**USE ADDITIONAL SHEETS IF NECESSARY
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<thead>
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<th>range_sec_cd</th>
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<th>well_log_recv_dt</th>
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<td>BA DIAMOND</td>
<td>16</td>
<td>2</td>
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<td>2</td>
<td>SW</td>
<td>NW</td>
<td>21449 W</td>
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<td>BRIAN WOOD</td>
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<td>2</td>
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<td>SW</td>
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<tr>
<td>6</td>
<td>JUDY STUBBS</td>
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<td>2</td>
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<td>2</td>
<td>SW</td>
<td>SW</td>
<td>30146 W</td>
<td>30158 4.67E+10</td>
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<tr>
<td>6</td>
<td>RAY &amp; LOUISE JENSEN</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>2</td>
<td></td>
<td></td>
<td>28852 W</td>
<td></td>
</tr>
</tbody>
</table>
WELL SCHEDULE

Date: 2-28-1958

Record by: E. F. WALLACE
Source: MRS. DIAMOND

Location: State of WASHINGTON
County: THURSTON
Area: TILLY ROAD (3 mile south)

Map: TOTINO QUAD

SW 1/4 sec 27 T. 16 N., R. 2W E.
Details: Located approx 20' north of RR tracks on east side of Tilly Road, south of MILLENNIUM STATE PARK

Owner: R. A. DIAMOND (His No.)
Address: Rt 4 Box 337 Olympia
Driller: Address

Topography:

Land-surface datum: 425 ft. above MSL

Type: Drilled. Driven:

Depth: Rept. 18 ft.

Casing: Diam. in. ft. Finish

Chief aquifer:

Water level: Rept. Meas. 19 ft. above which is 18 ft. below datum

Pump: Type C Capacity gal. min

Driven by 1/2 horsepower electric


Adequacy of permenance: Adequate

Use: (Dom) Stock. PS. RR. Ind. Irr. Obs.

Quality: Sample No. 19 Temp. °F

Taste color, hardness, sanitation, etc. GOOD

Other data: Log Water levels Draft Pump test Analyses
WELL SCHEDULE.—Supplemental information No. / 

REFERENCE BENCHMARK

Location

Description

; which is feet above land-surface datum of well and feet above sea level (See level book No. page)

CASINGS, SCREENS, AQUIFERS

(As necessary, insert headings and use space below for full record. Complete logs should be recorded on separate form for that purpose, but fragmentary logs may be entered here.)

<table>
<thead>
<tr>
<th>(FEET)</th>
<th>(FEET)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
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</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MISCELLANEOUS

(On face of schedule add asterisks to identify topics amplified; use same topic headings here.)

* This well has been dug to at least 18' level at which point it has been covered. Cannot tell what else has been done. Rests plenty of water at all times. Well evidently many years old.
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Ray C. Jensen
Address: P.O. Box 5, LITTLE ROCK, WA, 98566

(2) LOCATION OF WELL: County: Thurston
Bearing and distance from section or subdivision corner: Lot 54, Block 7, Viora Plat

(3) PROPOSED USE: Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK: Owner's number of well: If more than one,
New well [ ] Method: Dug [ ] Bored [ ]
Deepened [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well: 4\(\frac{1}{2}\) inches
Drilled: 124 ft. Depth of completed well: 129 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 4\(\frac{1}{2}\)" Diam. from 1 ft. to 124 ft.
Threaded [ ] Diam. from ft. to ft.
Welded [ ] Diam. from ft. to ft.
Perforations: Yes [ ] No [ ]
Type of perforator used:
SIZE of perforations: In. by In.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [ ] No [ ]
Manufacturer's Name: [ ]
Type: [ ]
Model No. [ ]

Gravel packed: Yes [ ] No [ ]
Size of gravel: [ ]
Gravel placed from ft. to ft.

Surface seal: Yes [ ] No [ ] To what depth?: 18 ft.
Material used in seal: [ ]
Did any strata contain unusable water? Yes [ ] No [ ]
Type of water: [ ]
Depth of strata: 12 ft.
Method of sealing strata: [ ]

(7) PUMP: Manufacturer's Name: Flint & Walling
Type: Sub [ ] HP [ ]

(8) WATER LEVELS:
Land-surface elevation: ft. below top of well: Date: 12-18-28
Static level: 30 ft. Artesian pressure: lbs. per square inch: Date: [ ]
Artesian water is controlled by: (Cap, valve, etc.) [ ]

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level.
Was a pump test made? Yes [ ] No [ ] If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test: [ ]
Reactor test: 10 gal./min. with 30 ft. drawdown after hrs.
Artesian flow: gpm. Date: [ ]
Temperature of water: [ ] Was a chemical analysis made? Yes [ ] No [ ]

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loam Topsoil</td>
<td>0</td>
<td>6&quot;</td>
</tr>
<tr>
<td>Hard Pan</td>
<td>-6&quot;</td>
<td>-12&quot;</td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>-12&quot;</td>
<td>-105&quot;</td>
</tr>
<tr>
<td>Sandy Clay - Yellow</td>
<td>-105&quot;</td>
<td>-129&quot;</td>
</tr>
<tr>
<td>Gravel</td>
<td>129&quot;</td>
<td>131&quot;</td>
</tr>
</tbody>
</table>

This well has Sand Gravel 9. Water from -11" to -105". The water is very high in iron content. Above 10 PPM. After going thru the layer of clay per odous material, the water is soft with no iron.

January 2, 1879

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: G.W. Clowes
Address: 9235 Little Rock Rd. S.W.
Type of print: [ ]

[Signature]: [ ]
License No. 0912
Date: Jan 27, 19__

(USE ADDITIONAL SHEETS IF NECESSARY)
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<tr>
<th>well_diameter_qty</th>
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<td>ANDY MILLER, SR.</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>10</td>
<td>NE</td>
<td>NW</td>
<td>5/17/1993</td>
<td>W</td>
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<tr>
<td>6</td>
<td>ANNE BUSH</td>
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<td>BELL &amp; JOLLEY CONST. CO.</td>
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</tr>
<tr>
<td>6</td>
<td>WENLAHL BELL</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>10</td>
<td>NE</td>
<td>SW</td>
<td>33133</td>
<td>W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>WILLIAM RISSE</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>10</td>
<td>NE</td>
<td>NE</td>
<td>21454</td>
<td>W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1) Name MILLER, ANDY SR. Address 2306 BIGELOW, OLYMPIA

2) Location of well, County- THURSTON 2a) Street address of well- TILLEY ROAD

3) Proposed use- DOMESTIC

4) Type of work --
   Number of well ONE
   Method of drill ROTARY

5) Dimensions -- Diameter of well 6"
   Drilled 34 ' Completed 33 '

6) Construction details --
   Casing 6" from +1' to 34 ',
   from 34' to 33'
   Welded YES Liner installed NO
   Perforations - NO
   Size of perforations  " by "
   holes from 34' to 33'
   Screen NO
   Manufacturer's Name
   Type
   Diam. "
   Slot size " from 34' to 33'
   Slot size " from 33' to 33'
   Gravel packed NO
   Surface seal YES to 18+ feet
   Material used in seal BENTONITE
   Any unusable water? NO
   Type of water
   Where?
   Method of seal

7) Pump

8) Water Levels
   Elevation above sea level
   Static water level 11 '
   Artesian pressure

9) Well tests
   Air test;
   3 gpm bit at 30' for 1 hr.
   Was pump test made NO
   (if yes see attached)

STARTED 05/17/93 COMPLETED 05/17/93

WELL CONSTRUCTERS CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 SHOREY ROAD
CHEHALIS, WASHINGTON 98532
206-748-3798

Contractors number KING BDI 124 DC
CURTIS W. KING CWD License# 0609
DATE 05/18/93
WELL SCHEDULE

Date: 9-26, 1958

Record by: [Signature]
Source: Mrs. Bush and Obs.

Location: State of Washington
County: Thurston
Area: Tiny Rd.
Map: Tenino Quad

Details: Located on south side of house approx. 100' E of Tiny Rd. (North of Reeder Rd and Beaver Creek)

Owner: Anne Bush
Address: Rt 1 Box 241 Rochester

Topography:
Land-surface datum: 230' ft above MSL
Type: Drilled
Bored: Jetted

Date: 9-26-58

Casing: Diameter: 6 in., Type: Appears to have been cemented
Depth: Finish casing - 180 ft

Chief aquifer: Depth: 12 ft, Thickness: 5 ft
Water level: Meas. 9.2 ft below datum
Approximate: which is 19' above surface

Pump: Type: Hand Pump
Capacity: gal. min.
Size:

Driven by: 1/2 horse power

Drawdown: ft. after 2 hours pumping
Adequacy: Permanence: Adequate
Use: Domestic
Stock: PS. RR. Ind. Irr. Obs.: 1 house

Quality: Sample No.: 19
Temp.: 70°F
Taste: color, hardness, sanitation, etc.: Good

Other data: Log Water levels Draft Pump test Analyses

Turn up

Diagram of section
WELL SCHEDULE.—Supplemental information

REFERENCE BENCHMARK

Location

Description

; which is ______ feet above

feet below

land-surface datum of well and

feet above

sea level. (See level book No. ______ page ______)

CASINGS, SCREENS, Aquifers

(As necessary, insert headings and use space below for full record. Complete logs should be recorded on separate form for that purpose, but fragmentary logs may be entered here.)

(Feet) | (Feet)

|   |   |

MISCELLANEOUS

(On face of schedule add asterisks to identify topics amplified; use same topic headings here.)

The well is in bad shape - sides having been
caved in. Although Mrs. Bird reports
that the water tastes good, she does
not use it for drinking water. Well
needs cleaning.

Depth - well may actually be 18'
depth but it is so cluttered up with
debris that I could n't get the tape
down past about 12'.
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: BELL V. J HOLLY CONSTRUCTION CO
Address: 9257 S.W. OLY. WA 98512

(2) LOCATION OF WELL: TILLEY RD. OFF 152

(3) PROPOSED USE: Domestic

(4) TYPE OF WORK: Owner’s number of well (if more than one)
Abandoned
New well
Deepened
Reconditioned

Method: Dug
Cable
Rotary
Jetted

(5) DIMENSIONS: Diameter of well 60 inches,
Drilled 60 feet. Depth of completed well 60 feet.

(6) CONSTRUCTION DETAILS:
Casing installed: Y Diam. from 1/2 ft. to 55 ft.
Welded
Flexible
Threaded

Perforations: Yes No
Type of perforator used

Salary of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes No
Manufacturer's Name STRICKLESTITTLE
Model No.
Type of screen used

Diam. 5" Slot size 012 from 60 ft. to 55 ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes No
Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes No To what depth? 18 ft.
Material used in seal
Did any strata contain unusable water? Yes No
Type of water
Method of sealing strata off

(7) PUMP: Manufacturer's Name No
Type: H.P.

(8) WATER LEVELS:
State level 18 ft. below top of well Date 9/1/49
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom?
Yield: gal. /min. with ft. drawdown after hrs.

" " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown Top Soil</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Cemented Gravel</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Gravel + Sand</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>Saturated Sand + Some Gravel</td>
<td>40</td>
<td>60</td>
</tr>
</tbody>
</table>

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME A-1 DRILLING CO.
Address 9735 LITTLE ROCK RD SW
City OLYMPIA WA 98512
(Signed) 352-8767 (WELL DRILLER)
License No. 0921

Contractor's Registration No. A-1041 Date Sep 1 1994

(USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**STATE OF WASHINGTON**

**(1) OWNER:** Charles Fees, JR.

**Address:** 520 140th Ave SW

**County:** Thurston

**Applicant No.:** [Blank]

**(2) LOCATION OF WELL:**

**Address:** NM, NE, Sec 10 T. 16 N. R. 30

**Bearing and distance from section or subdivision corner:**

**(3) PROPOSED USE:** Domestic [ ] Industrial [ ] Municipal [ ]

**Irrigation [ ] Test Well [ ] Other [ ]**

**(4) TYPE OF WORK:**

- New well [ ] Method: Dug [ ] Bored [ ]
- Deepened [ ] Cable [ ] Driven [ ]
- Reconditioned [ ] Rotary [ ] Jetted [ ]

**(5) DIMENSIONS:**

- Diameter of well: 64 inches
- Depth of completed well: [Blank] ft.

**(6) CONSTRUCTION DETAILS:**

- Casing installed: 6 in. Diam. from 0 ft. to 64 ft.
- Threaded [ ] Welded [ ]

**Perforations:**

- Yes [ ] No [ ]
- Type of perforator used:

<table>
<thead>
<tr>
<th>SIZE of perforations</th>
<th>from ft. to ft.</th>
<th>to ft.</th>
<th>in. by in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>perforations from</td>
<td>ft.</td>
<td>ft.</td>
<td>in. by in.</td>
</tr>
<tr>
<td>perforations from</td>
<td>ft.</td>
<td>ft.</td>
<td>in. by in.</td>
</tr>
<tr>
<td>perforations from</td>
<td>ft.</td>
<td>ft.</td>
<td>in. by in.</td>
</tr>
</tbody>
</table>

**Screens:**

- Yes [ ] No [ ]
- Manufacturer's Name:
- Type:
- Dia. Slot size from ft. to ft.
- Dia. Slot size from ft. to ft.

**Gravel packed:**

- Yes [ ] No [ ]
- Size of gravel:
- Gravel placed from ft. to ft.
  | Diameter of gravel | from ft. to ft. | to ft. |

**Surface seal:**

- Yes [ ] No [ ]
- To what depth? 18
- Material used in seal:
- Did any strata contain unusable water? Yes [ ] No [ ]
- Type of water:
- Depth of strata:
- Method of sealing strata off:

**(7) PUMP:**

- Manufacturer's Name: [Blank]
- Model No.:
- HP:

**(8) WATER LEVELS:**

- Land-surface elevation:
- ft. above mean sea level
- ft. below top of well Date 7/31/86
- Artesian pressure:
- lbs. per square inch Date
- Artesian water is controlled by (Cap, valve, etc.)

**(9) WELL TESTS:**

- Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes [ ] No [ ] If yes by whom:
- Yields: gal./min. with ft. drawdown after hrs.

**Recovery data time taken as zero when pump turned off (water level measured from well top to water level):**

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

**Date of test:**

- Boiler test 20 gal./min. with 7 ft. drawdown after 1/2 hr.
- Artesian flow:
- Temperature of water 49°
- Was a chemical analysis made? Yes [ ] No [ ]

**WELL DRILLER'S STATEMENT:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

**NAME:** Able Well Drilling

**Address:** PO Box 38 Little Rock AR 72208

<table>
<thead>
<tr>
<th>[Signed]</th>
<th>Edward Knezel</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Well Driller)</td>
<td>8/1 86</td>
</tr>
</tbody>
</table>

**License No.:** 1453

**Date:** 8-1 86

**USE ADDITIONAL SHEETS IF NECESSARY**
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Don Hays
(2) LOCATION OF WELL: County: Thurston

(3) PROPOSED USE: Domestic ☑ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owners number of well
if more than one:
New well ☑ Method: Dug ☐ Hored ☐
Deepend ☐ Calie ☐ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS:
Drilled: 44 ft. Diameter of well: 4.1/4" Depth of completed well: 43.1/44".

(6) CONSTRUCTION DETAILS:
Casing installed: Yes ☑ No ☐
Threaded ☑ Diam. from ft. to ft. to ft. to ft.
Welded ☐ Diam. from ft. to ft. to ft. to ft. to ft.
Perforations: Yes ☑ No ☐
Type of perforation used:
SIZE of perforations: in. by in.
perforations: in. to in. to in. to in.

Screens: Yes ☑ No ☐
Manufacturer's Name: Johnson
Model No.

Gravel packed: Yes ☑ No ☐
Size of gravel: ft. to ft.
Gravel placed from ft.

Surface seal: Yes ☑ No ☐
Material used in seal:
Kind of any strata contains unusable water: Yes ☑ No ☐
Depth of strata:
Method of sealing strata off:

(7) PUMP: Manufacturer's Name: F.T.
Type: Submersible HP: 1

(8) WATER LEVELS:
Land surface elevation above mean sea level: ft.
Stage level: ft. hours of well Date: 1/1/1/28
Atmospheric pressure: per square inch Date:
Artesian water is retarded by (lap, valve etc.)

(9) WELL TESTS:
Drawdown is around water level in lowered below static level:
Was a draw test made: Yes ☑ No ☐
Yes by whom:
Yield: see from with: ft. draw down after hrs.

Work started: 11/13 Completed: 11/15

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: Carpenter, Rood
Address: 2052 South Bay Rd
License No. 69
Received: Date: 11/15

USE ADDITIONAL SHEETS IF NECESSARY:
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Donald Asbach
Address: 7071 Nicholas St SE

(2) LOCATION OF WELL:
County: Thurston
Township: 33740000
Range: T 16 N, R 26 W, M.
Section: 10

(3) PROPOSED USE:
Domestic [X]  Industrial [ ] Municipal [ ]
Irrigation [ ]  DeWater [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK:
Owner's number of well (if more than one)
Abandoned [ ]  New well [X]  Method: Dug [ ]  Bored [ ]
Deepened [ ]  Cable [ ]  Driven [ ]
Reconditioned [ ]  Rotary [ ]  Jetted [ ]

(5) DIMENSIONS:
Diameter of well: 60 inches
Depth of completed well: [ ] feet

(6) CONSTRUCTION DETAILS:
Casing Installed: [ ] Diam. from 6” to 22’
Welded [X]  Liner installed [ ]  Threaded [ ]

Perforations: Yes [X]  No [ ]
Type of perforator used: [ ]
SIZE of perforations: [ ] in. by [ ] in.

Perforations from [ ] ft. to [ ] ft.
Perforations from [ ] ft. to [ ] ft.
Perforations from [ ] ft. to [ ] ft.

Screens: Yes [X]  No [ ]
Manufacturer's Name: [ ]
Type: [ ]  Model: [ ]
Diam: [ ]  Slot size: [ ] ft. to [ ] ft.
Diam: [ ]  Slot size: [ ] ft. to [ ] ft.

Gravel packed: Yes [ ]  No [X]
Size of gravel: [ ]
Gravel placed from [ ] ft. to [ ] ft.

Surface seal: Yes [X]  No [ ]
To what depth? 18’
Material used in seal: [ ]

Did any strata contain unsafe water? Yes [X]  No [ ]
Type of water: [ ]
Depth of strata: [ ]
Method of sealing strata off: [ ]

(7) PUMP: Manufacturer's Name: Flint & Dilling
Type: Submersible H.P. 3/4

(8) WATER LEVELS:
Static level: 10 ft. below top of well Date 8/25/94
Artesian level: [ ] lbs. per square inch Date
Artesian water is controlled by [ ]

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level

Was a pump test made? Yes [X]  No [ ]
If yes, by whom? [ ]
Yield: [ ] gal./min. with [ ] ft. drawdown after [ ] hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time: Water Level: Time: Water Level: Time: Water Level:

Date of test: [ ]

Bailer test: [ ] gal./min. with [ ] ft. drawdown after [ ] hrs.
Arietest: [ ] gal./min. with stem set at [ ] ft. for [ ] hrs.
Artesian flow: g.p.m. [ ] Date [ ]
Temperature of water: [ ] Was a chemical analysis made? Yes [X]  No [ ]

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME: Charles Dilling
Address: 1411 Kaiser Rd NW

(Signed) [ ]

WELL DRILLER License No. 2117
Contractor's Registration No. [ ] Date 8/27, 94

(USE ADDITIONAL SHEETS IF NECESSARY)
1) Name GILMORE, JEFF
2) Location of well, County- THURSTON
   2a) Street address of well- SAME
3) Proposed use- DOMESTIC
4) Type of work -- ONE
   Number of well ONE
   Method of drill ROTARY
5) Dimensions -- Diameter of well 8"
    Drilled 80' Completed 62'
6) Construction details --
   Casing 6" from +3' to 62'
   from 62' to
   Welded YES Liner installed NO
   Perforations - NO
   Size of perforations " by "
   holes from 62' to 62'
   holes from 62' to
   Gravel packed NO
   Surface seal YES to 18+ feet
   Material used in seal BENTONITE
   Any unusable water? NO
   Type of water
   Where?
   Method of seal
7) Pump
8) Water Levels
   Elevation above sea level
   Static water level 20+-
   Artesian pressure
9) Well tests
   Air test;
   20 gpm blt at 58' for 1 hr.
   Was pump test made NO
   (if yes see attached)

WELL REPORT
STATE OF WASHINGTON

Start card number 215702

Address 140TH STREET, TENINO

SW1/4 NE1/4 Sec 10 Tn 16 R 2W

DESCRIPTION
WELL LOG or ABANDONMENT PROCEDURES

MATERIALS

<table>
<thead>
<tr>
<th>Name</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRN SAND, GRAVEL</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>BLU GRY SAND, GRAVEL</td>
<td>15</td>
<td>40</td>
</tr>
<tr>
<td>HARD CEMENTED</td>
<td>40</td>
<td>62</td>
</tr>
<tr>
<td>BLU GRY SAND, GRAVEL, LOOSE</td>
<td>62</td>
<td>80</td>
</tr>
<tr>
<td>BLU GRY VERY SANDY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WITH ROCKS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STARTED 04/14/93 COMPLETED 04/15/93

WELL CONSTRUCTERS CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 SHOREY ROAD
CHEHALIS, WASHINGTON 98532
206-748-3798

Contractors number KING BDL 124 DC

EDWIN C. KING MGWC License# 0243
Master Ground Water Contractor
DATE 04/16/93
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: John Boxdroller
Address 313 Cushing, Olympia, Wn. 98505

LOCATION OF WELL: County - Thurston
Tract 6 of survey

PROPOSED USE: Domestic ☑ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

TYPE OF WORK: New well ☑ Method: Dug ☐ Bored ☐ Deepened ☐ Cable ☑ Driven ☐ Reconditioned ☐ Rotary ☐ Jetted ☐

DIMENSIONS:
- Diameter of well: 6 ft
- Depth of completed well: 59.3 ft

CONSTRUCTION DETAILS:
- Casing installed: "Diam. from ___ ft to ___ ft.
- Perforations: Yes ☑ No ☐
- Size of perforations: __ in. by __ in.
- Gravel packed: Yes ☑ No ☐
- Screen: Yes ☑ No ☐
- Manufacturer's Name: Webtrol
- Series: 10
- H.P.: 1/2

WELL LOG:
- Top soil: 0 to 3 ft
- Hardpan: 3 to 10 ft
- Sandy hardpan: 10 to 14 ft
- Blue clay: 14 to 20 ft
- Sandy hardpan: 20 to 30 ft
- Hardpan: 30 to 50 ft
- Large gravel and sand: 50 to 50 ft
- Water bearing material: "Water" 39 to 59.3 ft

PUMP: Manufacturer's Name: Webtrol
Type: Series 10

WATER LEVELS:
- Land-surface elevation: 21 ft
- Static level: __ ft below top of well
- Artesian pressure: __ lbs. per square inch
- Artesian water is controlled by: __ Cap, valve, etc.

WELL TESTS:
- Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes ☑ No ☐
- Yield: gal/min
- hrs.
- Recovery data (time taken as zero when pump turned off): (water level measured from well top to water level)
- Time: Water Level
- Time: Water Level
- Time: Water Level

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: Herman Penfield's Well Drilling
Address: 5920 Churchill Rd. S.E., Tenino, Wn. 98586

License No.: 1299 Date: July 31, 1983
**WATER WELL REPORT**

**Construction/Decommission**
- "x" in circle
- Decommission
- ORIGINAL CONSTRUCTION Notice of Intent Number
- 144291

**Proposed Use:**
- Domestic [x]
- Industrial [ ]
- Municipal [ ]
- DeWater [ ]
- Irrigation [ ]
- Test Well [ ]
- Other [ ]

**Type of Work:**
- Owner's number of well (if more than one) [x]
- New Well [ ]
- Reconditioned [ ]
- Method [ ]
- Dug [ ]
- Bored [ ]
- Driven [ ]
- Deepened [ ]
- Cable [ ]
- Rotary [x]
- Jetted [ ]

**Dimensions:**
- Diameter of well [ ] inches
- Depth of completed well [ ] ft
- Diameter of well [ ] ft
- Depth of completed well [ ] ft

**Construction Details:**
- Casing [ ] Welded
- Diameter from [ ] ft to [ ] ft
- Installed:
  - Liner installed [ ]
  - Diam from [ ] ft to [ ] ft
- Threaded
- Diam from [ ] ft to [ ] ft

**Perforations:**
- Yes [x]
- No [ ]
- Type of perforator used [ ]
- Size of perfs [ ] in by [ ] in and [ ] in of perfs from [ ] ft to [ ] ft

**Screens:**
- Yes [x]
- No [ ]
- Location [ ]
- Manufacturer's Name [ ]
- Type [ ]
- Model No [ ]
- Diameter [ ] ft
- Slot Size [ ] ft
- Diameter [ ] ft
- Slot Size [ ] ft

**Gravel/Filter packed:**
- Yes [x]
- No [ ]
- Size of gravel/sand [ ] ft
- Materials placed from [ ] ft to [ ] ft
- Surface Seal:
  - Yes [x]
  - No [ ]
  - To what depth [ ] ft
- Materials used in seal [ ]
- Did any strata contain unusable water? Yes [x]
  - No [ ]
- Type of water [ ]
- Depth of strata [ ] ft
- Method of sealing strata [ ]

**Pump:**
- Manufacturer's Name [ ]
- Type [ ]
- HP [ ]

**Water Levels:**
- Land-surface elevation above mean sea level [ ] ft
- Static level [ ] ft below top of well [ ]
- Artisanal pressure [ ] lbs per square inch [ ]
- Artisanal water is controlled by [ ]

**Well Tests:**
- Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes [x]
- No [ ]
- If yes, by whom [ ]
- Yield [gal/min] with [ ] ft, drawdown after [ ] hrs
- Yield [gal/min] with [ ] ft, drawdown after [ ] hrs
- Yield [gal/min] with [ ] ft, drawdown after [ ] hrs
- Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
- Time [ ] Water Level [ ]
- Date [ ]
- Date [ ]

**Well Construction Certification:**
- I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

**Driller/Engineer/Trainees Name (Print):**
- Chris Town

**Driller/Engineer/Trainees Signature:**
- Chris Town

**Driller or Trainee License No:**
- 2558

**If trainee, licensed driller's signature and license no:**

---

**CONSTRUCTION OR DECOMMISSION PROCEDURE**

**Formation:**
- Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.
- Indicate all water encountered.

**USE ADDITIONAL SHEETS IF NECESSARY**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Hard Pan</td>
<td>2</td>
<td>17</td>
</tr>
<tr>
<td>Gravel/Boulders</td>
<td>17</td>
<td>23</td>
</tr>
<tr>
<td>Gravel/Sand/Water</td>
<td>23</td>
<td>26</td>
</tr>
<tr>
<td>Gravel/Water</td>
<td>26</td>
<td>38</td>
</tr>
</tbody>
</table>

---

**RECEIVED**

**OCT 08 2003**

**Washington State Department of Ecology**

**ECOLOGY IS AN EQUAL OPPORTUNITY EMPLOYER**

**ECY 050-1-20 (Rev 4/01)**

**Drilling Company:**
- Chehalis Well Drilling

**Address:**
- 1905 Harrison Ave
- Centralia, WA 98531

**City, State, Zip:**
- Centralia, WA 98531

**Contractor's Registration No:**
- CHW2D412M

**Date:**
- 9-25-03
**WATER WELL REPORT**

**STATE OF WASHINGTON**

**Owner:** RuPaul Moon  
**Address:** 312 W. Clark St.  
**City:** Tumwater, Wn.

(1) **OWNER:** RuPaul Moon  
(2) **LOCATION OF WELL:**  
   - County: Thurston  
   - Township: SE  
   - Range: NE  
   - Section: 10  
   - Tract: 2  
   - Deaplake Estate

(3) **PROPOSED USE:**  
   - Domestic [X]  
   - Industrial [X]  
   - Municipal [X]  
   - Irrigation [X]  
   - Test Well [X]  
   - Other [ ]

(4) **TYPE OF WORK:**  
   - New well [X]  
   - Method: Aug. [ ]  
   - Bore [X]  
   - Drilled [X]  
   - Reconditioned [ ]  
   - Rotary [ ]  
   - Jettied [ ]

(5) **DIMENSIONS:**  
   - Diameter of well: 6 inches
   - Depth of completed well: 55 ft

(6) **CONSTRUCTION DETAILS:**  
   - Casing installed: 6 in. from 0 ft to 55 ft
   - Threaded [ ]  
   - Welded [X]

   **Perforations:**  
   - Yes [X]  
   - No [ ]

   **Type of perforator used:**  
   - [ ]

   **Size of perforations:**  
   - perforations from  ft to  ft
   - perforations from  ft to  ft
   - perforations from  ft to  ft

   **Screens:**  
   - Yes [X]  
   - No [ ]

   **Manufacturer's Name:**
   - Webtro
   - series 10

(7) **WATER LEVELS:**  
   - Land-surface elevation above mean sea level
   - Date: 8/6/83

(8) **WELL TESTS:**  
   - Pumped: [ ]
   - Drawdown: [X]  
   - Date: 8/6/83  
   - Time: 3 hrs

(9) **WELL DRILLER'S STATEMENT:**

   This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

   **NAME:** Herman Penfield's Well Drilling  
   **Address:** 5930 Churchill Rd. S.E. Tenino, Wn. 98586

   **(Signed):**

   **License No.:** 1299  
   **Date:** 8/6/83

---

**WELL LOG:**

<table>
<thead>
<tr>
<th>Material</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Hardpan</td>
<td>8</td>
<td>13</td>
</tr>
<tr>
<td>Green clay some sand</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td>Hardpan some sand</td>
<td>18</td>
<td>29</td>
</tr>
<tr>
<td>Sand some gravel</td>
<td>29</td>
<td>35</td>
</tr>
<tr>
<td>Sandy water-bearing material</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small rock and sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;Water&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WATER WELL REPORT
State of Washington

(1) OWNER: Scott Shannon
Address: 2602 Greenlawn St. S.E. Lacey, Wa. 98503

(2) LOCATION OF WELL: County Thurston
Section 10, T16N R2W WH.

(3) STREET ADDRESS OF WELL: (or nearest address) 300 140th Ave. S.W. Tenino, Wa.

(3) PROPOSED USE: Domestic

(4) TYPE OF WORK: New
Owner's number of well
(if more than one)
Method: Air Rotary

(5) DIMENSIONS:
Diameter of well: 6 inches
Drilled 73 ft. Depth of completed well: 73 ft.

(5) CONSTRUCTION DETAILS:
Casing installed: 6
Dia. from ft. to ft.
Dia. from ft. to ft.
Dia. from ft. to ft.
Perforations: No
Type of perforator used: in. by in.
Size of perforations: ft. to ft.

Gravel packed: No
Size of gravel: ft. to ft.
Gravel placed from ft. to ft.

Surface seal: Yes
To what depth: 20
Material used in seal: Bentonite
Did any strata contain unusable water? No
Type of water:
Depth of strata:
Method of sealing strata off:

SCREW: Manufacturer's name:
Type:
Dia. slot size:
Dia. slot size:

Gravel packed: No
Size of gravel: ft. to ft.
Gravel placed from ft. to ft.

Surface seal: Yes
To what depth: 20
Material used in seal: Bentonite
Did any strata contain unusable water? No
Type of water:
Depth of strata:
Method of sealing strata off:

PUMP: Manufacturer's name:
Type:
Size:
H.P.:

(8) WATER LEVELS:
Land-surface elevation above mean sea level: ft.
Static level: 38 ft. below top of well Date: 3-3-92
Artesian pressure: lbs. per sq. in. Date:
Controlled by:

(9) WELL TESTS: Drawdown is amount water level is lowered below static water level.
Was a pump test made? No If yes, by whom:
Yield:
6PM with ft. drawdown after hrs.
6PM with ft. drawdown after hrs.
Date of test:
Bailer test:
6PM w/ ft. drawdown after hrs.
Air test:
37-40 6PM w/stem set at 70 ft. for 1 hrs. License No. 1768
Artesian flow:
6PM Temp:
Chemical analysis: No I Cont. Reg. No. WILL1WD251R3

I WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to the best of my knowledge and belief.

I NAME: WILLIAMS WELL DRILLING, INC.
ADDRESS: 957 Jackson Hwy. So.
Toledo, Wa. 98591 Phone: 864-2951

Signed:
Kenneth D. Williams
Date: 3-5-92

I Work Started: 3-2-92 Completed: 3-3-92
(1) OWNER Name FRANK, SHERRY
Address 13541 TILLEY ROAD S, TENINO

(2) LOCATION OF WELL
County THORSTON
Street Address of well (or nearest address) TILLEY ROAD S, TENINO

(3) PROPOSED USE
DOMESTIC

(4) TYPE OF WORK
Owner's Number of well
Method ROTARY

(5) DIMENSIONS
Diameter of well 6 inches
Depth of completed well 35 ft

(6) CONSTRUCTION DETAILS
Casing installed 6" Dia from 1 ft to 32 3 ft
WELDED CASING 6" Dia from ft to ft
6" Dia from ft to ft

Perforations NO
Type of perforator used
Size of perforations
Perforations from ft to ft
Perforations from ft to ft
Perforations from ft to ft

Screen YES
Manufacturer's Name HOUSTON
Type model no
Drain slot size 018 from 35 ft to 29 ft
Drain slot size from ft to ft

Gravel packed NO
Size of gravel
Gravel placed from ft to ft

Surface seal YES
To what depth? 20 ft
Material used in seal BENTONITE
Did any strata contain unusable water? NO
Type of water Depth of strata ft
Method of sealing strata off

(7) PUMP
Manufacturer's Name
Type HP

(8) WATER LEVELS
Land-surface elevation ft
Above mean sea level ft
Static level 10 ft below top of well Date 10/24/00
Artesian Pressure lbs per square inch Date
Artesian water controlled by

(9) WELL TESTS
Drawdown is amount water level is lowered below static level
Was a pump test made? NO If yes, by whom?
Yield gal/min with ft drawdown after hrs

Recovery data
Time Water Level Time Water Level

Date of test / / Bailer test gal/min ft drawdown after hrs
Air test 15 gal/min w/ stem set at 28 ft for 1 hrs
Artesian flow gpm Date
Temperature of water Was a chemical analysis made? NO

WELL CONSTRUCTOR CERTIFICATION
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME ARCADIA DRILLING INC
(Person firm, or corporation) (Type or print)
ADDRESS SE 170 WALKER POWER
(SIGNED) License No 2053
Contractor's Registration No ARCADIAD089KL Date 10/25/00

RECEIVED
NOV 08 2000
Washington State
Department of Ecology

7799
(1) OWNER: Name: Wendell Bell  
Address: 13747 Pillow Rd SE 5W 4 NE 5 Sec 10 T 16N R 2 W 6

(2) LOCATION OF WELL: County: Thurston  

(3) PROPOSED USE: Domestic [ ]  Industrial [ ]  Municipal [ ]  Irrigation [ ]  DeWater [ ]  Test Well [ ]  Other [ ]

(4) TYPE OF WELL: Owner's number of well (if more than one)  
Abandoned [ ]  New well [ ]  Deepened [ ]  Reconditioned [ ]  Current number of well 5  
Method: Dug [ ]  Cable [ ]  Bored [ ]  Driven [ ]  Jetted [ ]

(5) DIMENSIONS: Diameter of well 6 inches  
Drilled 60 feet. Depth of completed well 60 ft.

(6) CONSTRUCTION DETAILS:  
Casing installed: 60 ft. Diam. from 10 ft. to 10 ft.  
Welded Liner installed [ ]  Diam. from 10 ft. to 10 ft.  
Threaded [ ]  Diam. from 10 ft. to 10 ft.

Perforations: Yes [ ]  No [ ]  
Type of perforator used  
SIZE of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

Screens: Yes [ ]  No [ ]  Made by Cook  
Manufacturer's Name  
Type  
Model No.  
Diam. Slot size 10 from 55 ft. to 60 ft.  
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ]  No [ ]  Size of gravel  
Gravel placed from ft. to ft.  
Surface seal: Yes [ ]  No [ ]  To what depth? 18 ft.  
Material used in seal  
Did any strata contain unusable water? Yes [ ]  No [ ]  
Type of water?  
Depth of strata  
Method of sealing strata off  

(7) PUMP: Manufacturer's Name  
Type  
H.P.

(8) WATER LEVELS:  
Land-surface elevation above mean sea level  
Static level: 7 ft. below top of well  
Date: 9-18-96  
Artesian pressure  
Artesian water is controlled by  
(Gap, value, etc.)

(9) WELL TESTS:  
Drawdown is equal when water level is lowered below static level  
Was a pump test made? Yes [ ]  No [ ]  If yes, by whom?  
Yield: gal. / min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  
Time Water Level Time Water Level Time Water Level

Date of test  
Silt test gal. /min. with ft. drawdown after hrs.  
Air test 60 gal. /min. with steam set at 55 ft. for hrs.  
Artesian flow g.p.m. Date  
Temperature of water: Was a chemical analysis made? Yes [ ]  No [ ]

(10) WELL LOG OR ABANDONMENT PROCEDURE DESCRIPTION:  
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each strata penetrated, with at least one entry for each change of information.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Blue Clay</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>San</td>
<td>50</td>
<td>60</td>
</tr>
</tbody>
</table>

WELL CONSTRUCTOR CERTIFICATION:  
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Signature: Bill Russell  
License No. 19446  
Address: 7030 4th Ave NE  
Seattle WA  
(USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**STATE OF WASHINGTON**

(1) **OWNER:** Name: Wenda Bell
   Address: 3747 11th Ave. S W

(2) **LOCATION OF WELL:** County: Thurston
   Section: 10 T 16 N R 2 W

(3) **PROPOSED USE:**
   - Domestic □
   - Irrigation □
   - Industrial □
   - Municipal □
   - DeWater □
   - Test Well □
   - Other □

(4) **TYPE OF WORK:**
   - Owner’s number of well: Lot 1
   - Method: Dug □
     - Top Soil 0 ft.
     - 6” Clay 10 ft.
     - Bioder Clay 10 ft.
     - Silt Clay 20 ft.
     - Blue Gt Clay 40 ft.
     - San 60 ft.
   - Drilled: 60 ft.
   - Depth of completed well: 60 ft.

(5) **DIMENSIONS:**
   - Diameter of well: 6 inches.
   - Drilled: 60 feet
   - Depth of completed well: 60 feet

(6) **CONSTRUCTION DETAILS:**
   - Casing installed: 6 ft.
   - Diam. from 1/8” to 55 ft.
   - Diameter of well: 60 ft.
   - Slot size: 18 from 55 ft. to 60 ft.
   - Gravel packed: Yes □
   - Size of gravel:
   - Gravel placed from:

(7) **PUMP:**
   - Manufacturer’s Name: Cook
   - Type: TEL
   - Model No.: 35

(8) **WATER LEVELS:**
   - Land-surface elevation:
   - 1 ft. below top of well:
   - Date: 9-18-90
   - Artesian pressure:
   - Date:
   - Artesian water is controlled by:
     (Cap. valve, etc.)

(9) **WELL TESTS:**
   - Drawdown is amount water level is lowered below static level
   - Was a pump test made? Yes □
     - If yes, by whom:
     - Yield:
     - gal./min. with df. drawdown after hrs.
   - Recovery test:
     - Water level measured:
     - From well top to water level:
     - Time:
     - Water Level:
     - Time:
     - Water Level:
     - Time:
     - Water Level:

   - Date of test:
   - Bailer test:
   - gal./min. with df. drawdown after hrs.
   - Air test:
   - gal./min. with stem at 55 ft. for hrs.
   - Artesian flow:
   - g.p.m.
   - Date:
   - Temperature of water:
   - Was a chemical analysis made? Yes □

(10) **WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION**

   - Description: Describe by color, character, size of material and structure, and show thickness of strata and kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

   - Material:
     - FROM
     - TO
     - Top Soil
     - 0 ft.
     - 6’’ Clay
     - 10 ft.
     - Bioder Clay
     - 10 ft.
     - Silt clay
     - 20 ft.
     - Blue Gt Clay
     - 40 ft.
     - San
     - 60 ft.

**WELL CONSTRUCTOR CERTIFICATION:**

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

**Name:**

**Address:**

**License No.:**

**Date:** 9-19-90

(Signed) Dew. Randle

(WELL DRILLER)

**Contractor:**

**Date:** 9-19-90

(USE ADDITIONAL SHEETS IF NECESSARY)
WELL SCHEDULE

Date: 9-26 1958

Record by: F. F. Wallace

Source: Mrs. Rice

Location: State of WASHINGTON
County: Thurston
Area: Tilly Rd.

Map: Tenino Quad

Details: Located north of house on W side.

Owner: Wm. Risse
Address: Rt. 1, Box 242, Rochester, Wash.

Driller:

Topography:

Land-surface datum: 286 ft. above MSL.

Type: Dug Drilled

Depth: Rept. 15 feet

Date: 9-29-58

Casing: Diameter in. Type Steel

Chief aquifer: Depth ft. Thick ft.

Water level: Rept. ft. Meas. 19 above
Plastic scale: which is ft. above datum

Pump: Type 1 Capacity gal. min.

Driven by 1/2 horsepower electric


Drawdown ft. after hours pumping gal. min.

Adequacy permanence: Adequate

Use: Domestic, Stock, PS, RR, Ind., Irr., Obs.

Quality: Sample No. 19 Temp. °F.

Taste, color, hardness, sanitation, etc.

Other data: Log Water levels Draft Pump test Analyses.
WELL SCHEDULE.—Supplemental information No._________

REFERENCE BENCHMARK

Location: ___________________________________________

Description: _______________________________________, which is _______ feet above

and-surface datum of well and _______ feet above

sea level. _______. (See level book No. __________ page _______)

CASINGS, SCREENS, AQUIFERS

(As necessary, insert headings and use space below for full record. Complete logs should be

recorded on separate form for that purpose, but fragmentary logs may be entered here.)

<table>
<thead>
<tr>
<th>(FEET)</th>
<th>(FEET)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MISCELLANEOUS

(On face of schedule add asterisks to identify topics amplified; use same topic headings here.)

* Cold measure if absolutely necessary.

weather-proofed with plastic and tape.
WELL REPORT
STATE OF WASHINGTON
Start card number WO62582

Name BLAINE WEINS
Address 232 SE 143RD, TENINO, WA

Location of well, County- THURSTON
NW1/4 SW1/4 Sec 11 Tn 16 R 2 WWM
Street address of well- OFF 143RD BEFORE KNOLLS RD.

Proposed use- DOMESTIC

Type of work --
Number of well ONE
NEW CONSTRUCTION
Method of drill ROTARY

Dimensions -- Diameter of well 6"
Drilled 120' Completed 118'

Construction details --
Casing 6" from +2' to 118'
Welded YES Liner installed NO
Perforations - NO
Type of perforator
Size of perforations " by " holes from ' to '
Screen NO
Manufacturer's Name
Type
Diam. "
Slot size " from ' to '
Gravel packed No
Surface seal YES to 18+ feet
Material used in seal BENTONITE
Any unusable water? NO
Type of water
Where?
Method of seal

Water Levels
Elevation above sea level
Static water level 92'
Artesian pressure

Well tests
Air test;
20 gpm bit at 110' for 1 hr.
Was pump test made NO
(if yes see attached)

DESCRIPTION
WELL LOG or ABANDONMENT PROCEDURES

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOP SOIL</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>BLU/GRY SAND, GRAVEL W/CLAY</td>
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<td>31</td>
</tr>
<tr>
<td>BRN SAND &amp; GRAVEL</td>
<td>31</td>
<td>41</td>
</tr>
<tr>
<td>GRY SAND, GRAVEL W/BOULDERS</td>
<td>41</td>
<td>46</td>
</tr>
<tr>
<td>BLU/GRY GRAVEL &amp; BOULDERS</td>
<td>46</td>
<td>118</td>
</tr>
<tr>
<td>BOTTOM OF HOLE</td>
<td>118</td>
<td></td>
</tr>
</tbody>
</table>

STARTED 7/17 COMPLETED 7/18/95

WELL CONSTRUCTORS CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 SHOREY ROAD
CHEHALIS, WASHINGTON 98532
206-748-3798
Contractors number KING BDI 124 DC

GERALD E. BLUHM License# 2116
DATE Wednesday July 19, 1995
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name BOBBIE BOWIE
Address 242 143* AVE SW TINNIO, WA.

(2) LOCATION OF WELL: County THURSTON
Other Address 242 143* AVE SW TINNIO, WA.

(3) PROPOSED USE: Domestic [] Industrial [] Municipal []

(4) TYPE OF WORK: Owner's number of well
Abandoned [] New well X Method: Dug [ ] Bored [ ]
Reconditioned [ ] Rotation [ ] Jettied [ ]

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 77 feet. Depth of completed well 77 feet.

(6) CONSTRUCTION DETAILS:
Casing installed: 20 - Diam. from 11 to 72 feet.
Welded [ ] Liner installed [ ] Threaded [ ]
Perforations: Yes [ ] No [X] Type of perforator used
SIZE of perforations in. by in.
per forations from to in.
per forations from to in.
per forations from to in.

Screens: Yes [X] No [ ]
Manufacturer's Name WESCO
Type Model No.

Gravel placed from to feet.
Gravel pack: Yes [X] No [ ] Size of gravel

Surface seal: Yes [X] No [ ] To what depth? 18 feet.
Material used in seal BENTONITE

Did any strata contain unusable water? Yes [ ] No [X]
Type of water? Depth of strata

(7) PUMP: Manufacturer's Name COVENS
Type SUB [ ]

(8) WATER LEVELS:
Land surface elevation above mean sea level 210 feet.
Static level 37 feet. below top of well Date 11/15/98
Aneroid pressure 1013.25. per square inch. Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? Yes [X] No [ ] If yes, by whom?
Yield: gal./min. with ft. drawdown after hra.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test 11/15/98

Date of test 11/15/98

Date of test 11/15/98

Date of test 11/15/98

Bail test 12 gal./min. with 15 feet drawdown after 2 hra.
Air test gal./min. with stem set at 15 ft. for hra.
Artesian flow p.m. Date
Temperature of water Was a chemical analysis made? Yes [X] No [ ]

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL FROM TO

Silt w/silt 0 1
Sand-clay-tan 1 3
Sand-clay -gravel 3 10
Dry compact Sand-gravel 10 37
Sand w/silt 37 42
Sand-clay - gravel - gray 42 69
Two Sand w/gravel 69 77

RECEIVED
DEC 17 1998

WELL DRILLING USA

Work Started 11/10 Completed 11/13 1998

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME TIMS WELL DRILLING

Address PO BOX 4346 EASTON WA

(Signed) YAI

WELL DRILLER

License No. 832

Contractor's Registration No. TIMS4034 Date 11-24-98

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.
1. **Owner:** B and J Construction
2. **Location of Well:** County: Thurston

### Proposed Use:
- Domestic
- Industrial
- Municipal
- Irrigation
- Test well
- Other

### Type of Work:
- New well
- Method: Dug
- Bored
- Deepened
- Cable
- Driven
- Reconditioned
- Rotary
- Jetted

### Dimensions:
- Diameter of well: 6 inches
- Depth of completed well: 50 ft

### Construction Details:
- Casing installed: 6 ft. Diam. from 0 ft. to 50 ft.
- Threaded
- Welded

### Perforations:
- Type of perforator used: X
- Size of perforations: in. by in.
- Perforations from ft. to ft.

### Screens:
- Yes
- No
- Manufacturer's Name:
- Model No.
- Diam.: in.
- Slot size from ft. to ft.
- Diam.: in.
- Slot size from ft. to ft.

### Gravel packed:
- Yes
- No
- Size of gravel:

### Surface seal:
- Yes
- No
- Material used in seal: Bentonite
- To what depth: 20 ft
- Did any strata contain unusable water?
- Yes
- No
- Type of water:
- Depth of strata:
- Method of sealing strata off:

### Pump:
- Manufacturer's Name: Wehtrol
- Type: Submersible
- HP: 1

### Water Levels:
- Land-surface elevation above mean sea level: 13 ft
- Static level: 13 ft below top of well
- Date: 3-15-83
- Artesian pressure: 14 ft
- Artesian water is controlled by:

### Well Tests:
- Drawdown is amount water level is lowered below static level.
- Was a pump test made?
- Yes
- No
- Yield: 30 gal/min with 25 ft drawdown after 2 hrs.

### Recovery data (time taken as zero when pump turned off) [water level measured from well top to water level]:
- Time
- Water Level
- Time
- Water Level

### Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

**NAME:** Diamond Well Drilling

**Address:** 7524 Old Hwy 99, Oly, Wn.

**(Signed):**

**License No.:** 0588

**Date:** 3-15-83
Name: GLEN LOGAN
Address: PO BOX 757, TENINO

Location of well, County:
Thurston

Street address of well:
14425 ARROWOOD LANE, TENINO
OFF 143RD

Proposed use: TWO PARTY

Type of work:
Number of well:
NEW CONSTRUCTION
Method of drill:
ROTARY

Dimensions: Diameter of well 6"

Diameter:
Drilled 134' Completed 134'

Construction details:
Casing 6" from +2' to 134'
Welded YES Liner installed NO
Perforations:
Type of perforater:
Size of perforations:
holes from ' to '
holes from ' to '
Screen NO
Manufacturer's Name
Type:

Diam. "
Slot size " from ' to '
Slot size " from ' to '
Gravel packed NO
Surface seal:
Material used in seal:
BENTONITE
Any unusable water?
NO
Type of water:

WHERE?
Method of seal:

Water Levels:
Elevation above sea level
Static water level 93'
Artesian pressure

Well tests:
Air test:
20 gpm bit at 124' for 1 hr.
Was pump test made NO
(if yes see attached)

WELL LOG OR ABANDONMENT PROCEDURES

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRN CLAY W/GRavel</td>
<td>0</td>
<td>23</td>
</tr>
<tr>
<td>BLU CLAY</td>
<td>23</td>
<td>31</td>
</tr>
<tr>
<td>BRN SAND</td>
<td>31</td>
<td>33</td>
</tr>
<tr>
<td>GRY SAND, GRAVEL</td>
<td>33</td>
<td>45</td>
</tr>
<tr>
<td>BLU CLAY</td>
<td>45</td>
<td>48</td>
</tr>
<tr>
<td>BRN SAND, GRAVEL</td>
<td>48</td>
<td>57</td>
</tr>
<tr>
<td>GRY SAND, GRAVEL</td>
<td>57</td>
<td>115</td>
</tr>
<tr>
<td>BRN SAND, GRAVEL</td>
<td>115</td>
<td>134</td>
</tr>
</tbody>
</table>

STARTED 12/20/95 COMPLETED 12/27/95

WELL CONSTRUCTERS CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 SHOREY ROAD
CHEHALIS, WASHINGTON 98532
206-748-3798

Contractors number: KING BDI 124 DC

GERALD E. BLUHM License# 2116
DATE Friday December 29, 1995
## Well Report Change Form

**IMPORTANT:** GET AS MUCH INFORMATION AS POSSIBLE. THIS FORM WILL BE USED TO FIND THE WELL REPORT. ALL REQUIRED FIELDS MUST BE FILLED IN. USE INK PEN ONLY WHEN FILLING OUT THIS FORM.

**REQUIRED** This Well Report has been changed on: ____________________

**Required** Person Requesting Change: _____________________________________________

**Required** Contact Phone No: _________________________________________________

### (REQUIRED)
- [ ] Not in NITS
- [ ] NITS Log ID #: ___________________________________________________________
- Regional Office: [ ] CRO  [ ] ERO  [ ] NWRO  [ ] SWRO

### Well Type:
- [ ] Water Well
- [ ] Resource Protection Well

### Notice of Intent #: ____________________  Unique Ecy Well ID Tag No.: ____________________

### (Required) Original Owner Name: _____________________________________________

### Well Street Address: _________________________________________________________

### City: ____________________  County: ____________________  Zip Code: ____________________

### Geographic Location:
- [ ] 1/4 of the ____________________  1/4 Section ____________________ Township ____________________ Range ____________________
- [ ] EWM or (circle one) WWM

### (Optional) Lat Degrees: ____________________  Lat Time: ____________________

### Long Degrees: ____________________  Long Time: ____________________

### Horizontal collection method code: ____________________________________________

### Tax Parcel No (include all zeros and dashes): ____________________

### Type of Work:
- [ ] New Well
- [ ] Reconditioned
- [ ] Deepened

### Well Report Recvd Date: ____________________  Well Completed Date: ____________________

### Well Diameter (in): ____________________  Well Depth (ft): ____________________  Other: ____________________

### Driller License No: ____________________  Trainee License No: ____________________

### Other (Specify): ____________________

### (Required) Reason for Change: ____________________

### (Required) Tracker Signature: ____________________

 handwritten note: image/record NOT CHANGED
(1) Name GLEN LOGAN
Address PO BOX 757, TENINO

(2) Location of well, County-- LEWIS
Street address of well-- 14425 ARROWOOD LANE, TENINO -OFF 143RD

(3) Proposed use-- TWO PARTY

(4) Type of work --
Number of well TWO
NEW CONSTRUCTION
Method of drill ROTARY

(5) Dimensions -- Diameter of well 6"
Drilled 134 ' Completed 134'

(6) Construction details --
Casing 6" from +2 ' to 134 '
from ' to '
Welded YES Liner installed NO
Perforations -- NO
Type of perforator
Size of perforations " by "
holes from ' to '
holes from ' to '
Screen NO
Manufacturer's Name
Type
Diam. "
Slot size " from ' to '
Slot size " from ' to '
Gravel packed No
Surface seal YES to 18+ feet
Material used in seal BENTONITE
Any unusable water? NO
Type of water
Where?
Method of seal

(7) Water Levels
Elevation above sea level
Static water level 93 '
Artesian pressure

(8) Well tests
Air test;
20 gpm bit at 124' for 1 hr.
Was pump test made NO.
(if yes see attached)

DESCRIPTION
WELL LOG OR ABANDONMENT PROCEDURES

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRN CLAY W/GRAVEL</td>
<td>0</td>
<td>23</td>
</tr>
<tr>
<td>BLU CLAY</td>
<td>23</td>
<td>31</td>
</tr>
<tr>
<td>BRN SAND</td>
<td>31</td>
<td>33</td>
</tr>
<tr>
<td>GRY SAND,GRAVEL</td>
<td>33</td>
<td>45</td>
</tr>
<tr>
<td>BLU CLAY</td>
<td>45</td>
<td>48</td>
</tr>
<tr>
<td>BRN SAND,GRAVEL</td>
<td>48</td>
<td>57</td>
</tr>
<tr>
<td>GRY SAND,GRAVEL</td>
<td>57</td>
<td>115</td>
</tr>
<tr>
<td>BRN SAND,GRAVEL</td>
<td>115</td>
<td>134</td>
</tr>
</tbody>
</table>

STARTED 12/20/95  COMPLETED 12/27/95

WELL CONSTRUCTERS CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 SHOREY ROAD
CHEHALIS, WASHINGTON 98532
206-748-3798
Contractors number KING BDI 124 DC

GERALD E. BLÜHM License# 2116
DATE Friday December 29, 1995
WATER WELL REPORT

(1) OWNER: James Shaw
(2) LOCATION OF WELL: Thurston County
(3) PROPOSED USE: Domestic X Industrial [] Municipal []
(4) TYPE OF WORK: Owners number of well [if more than one]
New well X Method: Dug [] Bored []
Deepened [] Cable X Driven []
Reconditioned [] Rotary X Jetted []

(5) DIMENSIONS:
Drilled Diameter of well 63 ft Depth of completed well 63 ft

(6) CONSTRUCTION DETAILS:
Casing installed: 2-50 Diam. from 1 ft to 63 ft
Threaded []
Welded X

Perforations: Yes X No X
Type of perforator used:
Size of perforations in. by in.

Screens: Yes X No X
Manufacturer's Name
Type
Diam
Slot size
from ft to ft
Diam
Slot size
from ft to ft

Gravel packed: Yes X No X
Size of gravel:
Gravel placed from ft to ft

Surface seal: Yes X No X
Material used in seal
Depth to what depth: 22 ft

Did any strata contain unusable water? Yes X No X
Type of water:
Depth of strata

(7) PUMP: Manufacturer's Name
Type
HP

(8) WATER LEVELS:
Land surface elevation above mean sea level 85
Date 6/6/83
Artesian pressure
Artesian water is controlled by

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Wells: 1-3504 X Yes X No X
If yes by whom:
Date

Percent of test:
Water test:
Flow:
Temperature of water:
Was a chemical analysis made? Yes X No X

(10) WELL LOG:
Formation: Describe by color, character, size of material and structural, and show thickness of aquifers and the kind and nature of the adjacent shaly stratum penetrated, with at least one entry for each change of formation.
Material:
From to

SAND, V. GRAVEL WITH CLAY 0 10
SAND V. GRAVEL - BUILDLE TO 3' 10 15
CLAY WITH SMALL GRAVEL 15 27
SAND V. GRAVEL - SOME CLAY 27 34
SAND V. PEBBLE GRAVEL 34 55
GRAY SAND SOME GRAVEL 55 63

RECEIVED
JUN 16 1983

DEPARTMENT OF ECOLOGY
SOUTHWEST REGIONAL OFFICE

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: A-1 DRILLING CO. 362-0167
(Person, firm or corporation) (Type or print)
Address: 97351 LITTLETON RD WILKES, 98501
Work started JUNE 1, 1983 Finished JUNE 6, 1983

(Signed) G. R. ROUSE (Well Driller)
License No. 1311
Date JUNE 6, 1983

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

STATE OF WASHINGTON

(1) OWNER: Name LYNN OSWALD
Address 232, SE 143rd, TACOMA, WA 98509

(2) LOCATION OF WELL: County THURSTON
Township NW 1/4, SW 1/4 Sec. 11 T. 16 N. R. 2 W. M.

(2a) STREET ADDRESS OF WELL (or nearest address) ARROWOOD RD., TENINO

(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐
☐ Irrigation ☐ DeWater ☑ Test Well ☐ Other

(4) TYPE OF WORK:
Abandoned ☐
New well ☑ Method: Dug ☐ Bored ☐
Depressed ☐ Cable ☐ Rotary ☐
Reconditioned ☐ Driven ☐ Jetted ☐

(5) DIMENSIONS:
Diameter of well 120 inches.
Drilled 120 feet. Depth of completed well 120 feet.

(6) CONSTRUCTION DETAILS:
Casing installed: Yes ☐ No ☑ 120 ft.
Waded ☐
Liner installed ☐
Threadded ☐

Perforations: Yes ☐ No ☑
Type of perforator used ☐

Size of perforations ☐
perforations from ft. to ft.

Screens: Yes ☐ No ☑
Manufacturer's Name ☐

Type: ☐
Model No. ☐

Diam.: ft. to ft.
Slot size: ft. to ft.

Gravel placed from ft.

Surface seal: Yes ☑ No ☐
To what depth? 120 ft.

Material used in seal ☐
Did any strata contain unusable water? Yes ☐ No ☑
Type of water? ☐
Depth of strata.
Method of sealing strata off ☐

(7) PUMP: Manufacturer's Name ☐
H.P. ☐

(8) WATER LEVELS:
Land-surface elevation above main sea level ft.
Static level 120 ft. below top of well Date 10-17-96
Artesian pressure lbs. per square inch Date
Artesian water is controlled by water control device.

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐
Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Artesian gal./min. with stem set at ft. for hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown Soil</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Brown Silt &amp; Gravel</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>Gray Gravel</td>
<td>30</td>
<td>120</td>
</tr>
</tbody>
</table>

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME KING BROTHERS DRILLING
Address 759 - D RHODES RD
(Signed) L. D. MACHACEK
License No. 2363
(contractor)

Contractor's Registration No.
KING BROTHERS DRILLING

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.
(1) OWNER: Name CONROY, PAUL
Address 1567 ISREAL ROAD TUMWATER, WA 98510

(2) LOCATION OF WELL: County THURSTON
(3) PROPOSED USE: DOMESTIC
(4) TYPE OF WORK: Owner Number of well
(If more than one)
NEW WELL
Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 68 ft. Depth of completed well 68 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 ft. Dia. from +1.5 ft. to 68 ft.
WELDED

Perforations: NO
Type of perforator used in
SIZE of perforations in. by in.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type
Dia. slot size from ft. to ft.
Dia. slot size from ft. to ft.

Gravel packed: NO
Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES
Material used: BENTONITE
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off

(7) PUMP: Manufacturer's Name GRUNDfos
Type SUBMERSIBLE H.P. 3/4

(8) WATER LEVELS:
Land-surface elevation above mean sea level 90 ft.
Static level 38 ft. below top of well Date 12/12/91
Artesian Pressure lbs. per square inch Date
Artesian water controlled by

(9) WELL TESTS: Drawdown is amount water level is lowered below
static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

<table>
<thead>
<tr>
<th>Recovery date</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test / / ft. drawdown after hrs.
Boiler test gal/min.
Air test 20 gal/min. w/ stem set at 56 ft. for 1 hrs.
Artesian flow 0-0 P.M. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLAY &amp; GRAVEL BROWN</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>CLAY &amp; GRAVEL GRAY</td>
<td>30</td>
<td>68</td>
</tr>
<tr>
<td>CLAY BLUE</td>
<td>68</td>
<td>50</td>
</tr>
<tr>
<td>CLAY GRAY</td>
<td>50</td>
<td>53</td>
</tr>
<tr>
<td>CLAY &amp; GRAVEL GRAY</td>
<td>53</td>
<td>67</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL BROWN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAND &amp; GRAVEL MULTI-COLOR WATER</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Work started 12/11/91 Completed 12/12/91

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME ARCADIA DRILLING INC.
(Person, firm, or corporation) (Type or print)

ADDRESS SE 170 WALKER PArk RD

(Signed) License No. 0950

Contractor's Registration No. ARCA00147K1 Date 12/16/91
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: PINE MARTEN CONST. CO.
Address: 11047 WADDLE CRK RD, OLY WA 98572

(2) LOCATION OF WELL: THURSTON
Street Address: 836 143RD AVE, OLYMPIA, WA 98509

(3) PROPOSED USE: Domestic

(4) TYPE OF WORK: New well

(5) DIMENSIONS: Diameter of well 6 inches.

(6) CONSTRUCTION DETAILS:
Casing installed:
Type of perforator used
Size of perforations

Screens:

Manufacturer's Name
Type
Diam.
Slot size
Gravel packed:
Diam.
Slot size
Gravel placed from

Surface seal:

Material used in seal

Did any strata contain unusable water? Yes

Type of water?

Method of sealing strata off

(7) PUMP:

(8) WATER LEVELS:

(9) WELL TESTS:

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information herein are true to my best knowledge and belief.

NAME
9735 LITTLE ROCK RD SW
OLYMPIA, WA 98502

Address

(Signed)

Contractor's Registration No. ADIRK 13004

Date 10-25-94
**WATER WELL REPORT**

STATE OF WASHINGTON

**Owner:** ROBERT W. BORDNER
**Address:** 1342 SANGLER RD, NE, OLY, WA 98506

**Location:** COUNTY: THURSTON
**Street Address:** 143RD + TILLEY RD, TENINO, WA 98589

**Proposed Use:**
- Domestic [x]
- Irrigation
- Water for livestock
- Domestic + Irrigation
- Domestic + Water for livestock
- Industrial
- Municipal
- Other

**Type of Work:**
- Owner's number of well [x]
- New well
- Reconditioned
- Drilled
- Bored
- Dug
- Deepened
- Cable
- Spudded
- Rotary
- Jetted

**Dimensions:**
- Diameter of well: 10 inches
- Drilled Depth: 80 feet
- Depth of completed well: 80 ft.

**Construction Details:**
- Casing Installed: [x] 4
- Diameter: 1 1/2 ft. to 80 ft.
- Welded Liner:
- Threaded Liner
- Perforations: [x] Yes
- Size of perforation
- Size of gravel
- Material packed from:
- Gravel placed from:
- Surface seal: [x] Bentonite

**Pump:**
- Manufacturer's Name: NO
- Type:

**Water Levels:**
- Static level: 58
- Artesian level: 58
- Artisan water controlled by:

**Well Tests:**
- Drawdown is amount of water level is lowered below static level
- Was a pump test made? [x] Yes
- Yield: gal/min with:
- Drawdown after:

**Well Log or Abandonment Procedure Description:**
- Clay Gravel
- Hardpan
- Loose Rude Clay Sand
- Gravel
- Saturated Sand

**Well Constructor Certification:**
- I, the constructor, hereby declare that this well is constructed in accordance with the applicable codes and standards. The materials used in the construction of this well are consistent with the approved specifications. The well is constructed in accordance with the approved plans and specifications.

- **Name:** Tom BOARDNER
- **License No.:** 1210
- **Address:** 9735 LITTLE ROCK RD
- **City:** OLYMPIA
- **State:** WA
- **Zip:** 98512

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.
(1) OWNER: Name. ROSE WOODRING  
Address. 53rd Ave SW  
City. Victor  
(2) LOCATION OF WELL: County. THACKSON  
(Site of more than one):
Receiving and distance from section or subdivision corner:
(3) PROPOSED USE: Domestic [] Industrial [] Municipal []  
Irrigation [] Test Well [] Other []
(4) TYPE OF WORK: Owner's number of well  
New well [] Method: Dug [] Bored []  
Deepened [] Cable [] Driven []  
Reconditioned [] Rotary [] Jetted []
(5) DIMENSIONS: Diameter of well 6 inches.  
Depth of completed well 88 ft.
(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from 0 ft. to 88 ft.  
Threaded[] 6" Diam. from ft. to ft.  
Welded[] 6" Diam. from ft. to ft.
Perforations: Yes [x] No [ ]  
Type of perforator used.  
SIZE of perforations in. from in. to in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.
Screens: Yes [x] No [ ]
Manufacturer's Name.  
Type.  
Diam. Slot size. from ft. to ft.  
Diam. Slot size. from ft. to ft.  
Gravel packed: Yes [x] No [ ]  
Size of gravel.  
Gravel placed from ft. to ft.  
Surface seal: Yes [x] No [ ]  
Material used in seal.  
To what depth? 10 ft.  
Did any strata contain unusable water? Yes [ ] No [x]
Type of water?  
Depth of strata.  
Method of sealing strata off.
(7) PUMP: Manufacturer's Name. BY OWNER  
Type. HP
(8) WATER LEVELS:
Land surface elevation above mean sea level. 53 ft.  
ft. below top of well. 8-00 ft.  
Artesian pressure.  
Artesian water is controlled by. (Cap, valve, etc.)
(9) WELL TESTS:
Drawdown is amount water level is lowered below static level.
Water level at which test made? Yes [ ] No [x]  
If yes, by whom?  
Your initials.  
Max. man. with ft. drawdown after hrs.
Recovery data. Time taken as zero when pump turned off. (water level measured from well top to water level).

Date of test: 8-19-1980.  
Bail test. 36 gal/min with 0 ft. drawdown after 2 hrs.  
Artesian flow.  
Temperature of water.  
Was a chemical analysis made? Yes [ ] No [x]

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and  
show thickness of aquifers and the kind and nature of the material in each  
stratum penetrated, with at least one entry for each change in formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay bound soil - cobbles</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Shale - clay</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>Harpin - cobbles</td>
<td>12</td>
<td>50</td>
</tr>
<tr>
<td>Harpin - clay - sand</td>
<td>50</td>
<td>60</td>
</tr>
<tr>
<td>TIGHT sand - clain</td>
<td>60</td>
<td>68</td>
</tr>
<tr>
<td>Sand + gravel - water</td>
<td>68</td>
<td>80</td>
</tr>
</tbody>
</table>

RECEIVED  
JAN 16, 1981  
DEPARTMENT OF ECOLOGY  
SOUTHWEST REGIONAL OFFICE  

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is  
true to the best of my knowledge and belief.

NAME. TIMS WELL DRILLING  
Address. 6906 33rd Ave, Lacey  
(Signed). FRANK MOLYNEUX  
(Well Driller).  
License No. 0832  
Date. 8-19-1980
WATER WELL REPORT

438-763 W. 754-0072 ENE
STATE OF WASHINGTON

(1) OWNER: Roxanne Pedersen

(2) LOCATION OF WELL: County THORSTON

(3) PROPOSED USE: X Domestic

(4) TYPE OF WORK: New well

(5) DIMENSIONS: Diameter of well 40 inches.
Drilled 80 feet. Depth of completed well 80 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from 0 ft. to 80 ft.
Welded 6" Diam. from 0 ft. to 80 ft.
Threaded 6" Diam. from 0 ft. to 80 ft.
Perforations: X No
Type of perforator used
SIZE of perforations in. by in.

Gravel packed: X No
Size of gravel
Gravel placed from ft. to ft.
Surface seal: X No To what depth? 18 ft.

(7) PUMP: Manufacturer's Name NO
Type:

(8) WATER LEVELS:
Static level: 87 ft. below top of well
Artesian pressure
Artesian water is controlled by (Cap. valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes X No X
If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandy Gravel</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Cobble and Course Gravel</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>Boulder</td>
<td>20</td>
<td>22</td>
</tr>
<tr>
<td>Cemented Gravel (Clean)</td>
<td>22</td>
<td>50</td>
</tr>
<tr>
<td>Boulder</td>
<td>50</td>
<td>52</td>
</tr>
<tr>
<td>Cemented Gravel (l/l Se)</td>
<td>52</td>
<td>70</td>
</tr>
<tr>
<td>Orange Sand &amp; Gravel</td>
<td>70</td>
<td>80</td>
</tr>
</tbody>
</table>

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards.
Materials used and the information reported above are true to my best knowledge and belief.

NAME AIDRILLING CO. 352-8767
Address 9935 LITTLE ROCK RD., SW, DLY, 98517
License No. 1496

Contractor's Name: Date: 9-13
Registration No. Date: 9-13

(USE ADDITIONAL SHEETS IF NECESSARY)
<table>
<thead>
<tr>
<th>well_diameter_qt</th>
<th>well_owner_nm</th>
<th>township_nr</th>
<th>rangeNr</th>
<th>range_dir_cd</th>
<th>section_nr</th>
<th>qtr_sectio_n_cd</th>
<th>qtr_qtr_section_cd</th>
<th>well_comp_dt</th>
<th>well_type_cd</th>
<th>well_log_recv_tax_parsl_nr</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>D &amp; J CONSTRUCTION</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>11</td>
<td>NW</td>
<td>W</td>
<td>8/30/2007</td>
<td>W</td>
<td>30494</td>
</tr>
<tr>
<td>6</td>
<td>DAN STEWART</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>11</td>
<td>SE</td>
<td>SE</td>
<td>8/22/2007</td>
<td>W</td>
<td>30494</td>
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<tr>
<td>6</td>
<td>FRANK DANZER</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>11</td>
<td>SE</td>
<td>SE</td>
<td>9/25/1958</td>
<td>W</td>
<td>38651</td>
</tr>
<tr>
<td>6</td>
<td>JOSH BIRBARI</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>11</td>
<td>SE</td>
<td>SE</td>
<td>38639</td>
<td>W</td>
<td>38642</td>
</tr>
<tr>
<td>6</td>
<td>JOSH BIRBARI</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>11</td>
<td>SE</td>
<td>SE</td>
<td>38639</td>
<td>W</td>
<td>38651</td>
</tr>
<tr>
<td>6</td>
<td>JUSTIN AND JENNIFER BOURKE</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>11</td>
<td>SE</td>
<td>SE</td>
<td>38651</td>
<td>W</td>
<td>38672</td>
</tr>
</tbody>
</table>
Name: BLAIN WIENS
Address: 232 SE 143rd, TENINO

Location of well, County: THURSTON
Street address of well: SAME

Proposed use: DOMESTIC

Type of work: ONE NEW CONSTRUCTION
Method of drill: ROTARY

Dimensions -- Diameter of well: 6"
Drilled: 82' Completed: 77'

Construction details --
Casing: 6" from +3' to 77'
from: to
Welded: YES Liner installed: NO
Perforations: NO
Type of perforator: Size of perforations: " by "
holes from: to holes from: to
Screen: NO
Manufacturer's Name:
Type Diam.: "
Slot size: " from: to
Slot size: " from: to
Gravel packed: No
Surface seal: YES to 18+ feet
Material used in seal: BENTONITE
Any unusable water? NO
Type of water:
Where?
Method of seal:

Water Levels
Elevation above sea level:
Static water level: 41`
Artesian pressure:

Well tests
Air test;
30 gpm bit at 75' for 1 hr.
Was pump test made: NO
(if yes see attached)

COMMENTS

WELL REPORT
STATE OF WASHINGTON
Start card number: W19466

DESCRIPTION
WELL LOG or ABANDONMENT PROCEDURES

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOPSOIL</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>BRN SAND, GRAVEL</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>BRN CLAY, W/SAND, GRAVEL</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>BLU SANDY CLAY</td>
<td>15</td>
<td>19</td>
</tr>
<tr>
<td>GRY SAND, GRAVEL</td>
<td>19</td>
<td>81</td>
</tr>
</tbody>
</table>

WATER WAS DARK BROWN IN COLOR BUT CLEARED UP ALMOST TOTALLY IN ONE HOUR.

STARTED 5/18/94 COMPLETED 5/19/94

WELL CONSTRUCTERS CERTIFICATION
I accept responsibility for construction of this well and its compliance with all Washington well construction standards. The information reported above is true to my best knowledge and belief.

KING BROS. DRILLING INC.
644 SHOREY ROAD
CHEHALIS, WASHINGTON 98532
206-748-3798
Contractors number: KING BDI 124 DC

CURTIS M. KING CWD License# 0609
DATE 05/21/94
WATER-WELL REPORT

(1) OWNER: Name: C.L. MCELHINNY
Address: 14374 Tenino

(2) LOCATION OF WELL: Coordinates: SE 1/2, SE 1/4, Sec. 11, T. 14N, R. 29W

(3) PROPOSED USE:
Domestic [x] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(4) TYPE OF WORK:
Owner's number of well [ ]
New well [x] Method: Dug [ ] Bored [ ]
Deepened [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS:
Drilled 118 ft Depth of completed well 118 ft

(6) CONSTRUCTION DETAILS:
Casing installed: " Diam. from 0 ft to 118 ft
Threaded [x] " Diam. from 0 ft to 118 ft
Welded [x] " Diam. from 0 ft to 118 ft

Perforations: Yes [x] No [ ]
Number of perforations [ ]
Type of perforator used [ ]
Size of perforations [ ] in. by [ ] in.

Screens: Yes [x] No [ ]
Manufacturer's Name [ ]
Model No [ ]
Type [ ]
Diam [ ] Slot size [ ] from 0 ft to 118 ft
Diam [ ] Slot size [ ] from 0 ft to 118 ft

Gravel packed: Yes [x] No [ ]
Size of gravel [ ]
Gravel placed from 0 ft to 118 ft

Surface seal: Yes [x] No [ ]
To what depth [ ]
Bentonite [ ]
Material used in seal [ ]
Did any strata contain unusable water? Yes [ ] No [ ]
Type of water [ ]
Depth of strata [ ]

(7) PUMP:
Manufacturer's Name [ ]
Type [ ] HP [ ]

(8) WATER LEVELS:
Land-surface elevation [ ] ft
Above mean sea level [ ] ft
Sea level [ ] ft below top of well [ ] ft
Artesian pressure [ ] psi [ ]
Artesian water is controlled by [ ] (cap, valve, etc.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level [ ]
Water lost in test [ ]
Yes [x] No [ ]
If yes, by whom [ ]

Wells [ ]
Drawdown after 1 hr [ ]

Recovery data: Time taken, as many when pump tested with water level measured from well to water level:

Date of test [ ] Water level Time Water level Time Water level

[ ]

Date of test [ ] Water level Time Water level Time Water level

[ ]

Water test made [ ]
Chemical analysis made [ ] Yes [x] No [ ]

Work started [ ] Date [ ]

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name [ ]
Address [ ]
Date [ ]

License No. [ ]

USE ADDITIONAL SHEETS IF NECESSARY.
(10) WELL LOG:
 Formation: Describe by color, character, size of material and structure, and
 whether thickness of aquifers and the kind and nature of the material in each
 stratum penetrated, with at least one entry for each change of formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>fill gravel</td>
<td>0</td>
<td>9 ft</td>
</tr>
<tr>
<td>conglomerate</td>
<td>9</td>
<td>15 ft</td>
</tr>
<tr>
<td>conglomerate-hard gray</td>
<td>15 ft</td>
<td>25 ft</td>
</tr>
<tr>
<td>ooml. hard gray with boulders</td>
<td>25 ft</td>
<td>35 ft</td>
</tr>
<tr>
<td>sandy gravel, boulders</td>
<td>35 ft</td>
<td>8 ft</td>
</tr>
<tr>
<td>brown sandy clay, tight</td>
<td>8 ft</td>
<td>46 ft</td>
</tr>
<tr>
<td>water sand course gravel</td>
<td>46 ft</td>
<td>50 ft</td>
</tr>
</tbody>
</table>

(7) PUMP: Manufacturer's Name: Webtrol
 Type: Submersible
 H.P.: 1

(8) WATER LEVELS:
 Land-surface elevation above mean sea level: 13 ft
 Static level: 13 ft, below top of well. Date: 2-15-83
 Artesian pressure: 0 ft. per square inch. Date:
 Artesian water is controlled by:

(9) WELL TESTS:
 Drawdown is amount water level is lowered below static level.
 Was a pump test made? Yes Zoom No Zoom If yes, by whom? DRG
 Yield: 30 gal/min with 2.5 ft. drawdown after 2 hrs.

Recovery data (time taken as zero when pump turned off) (water level
 measured from well top to water level):

<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
</table>

Date of test: 3-15-83
Bailer test: 30 gal/min. with 2.5 ft drawdown after 2 hrs.
Artesian flow: gpm Date:
Temperature of water:

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

Construction/Decommission (X" in circle) 271074

[ ] Construction
[ ] Decommission

ORIGINIAL INSTALLATION

Notice of Intent Number

PROPOSED USE: [ ] Domestic [ ] Industrial [ ] Test Well [ ] Municipal
[ ] DeWater [ ] Irrigation

TYPE OF WORK: Owner's number of well (If more than one) 271074

New well [ ] Reconditioned Method: [ ] Deep [ ] Bored
[ ] Driven [ ] Cable [ ] Rotary [ ] Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 170 ft.

Depth of completed well 170 ft.

CONSTRUCTION DETAILS

Casing [ ] Welded 6 " Diam. from +2 ft. to 170 ft.

Installed: [ ] Liner installed [ ] Diam. from ft. to ft.
[ ] Threaded [ ] Diam. From ft. to ft.

Perforations: [X] Yes [ ] No

Type of perforator used: Star wheel

SIZE of perf 1/4 in. by 1 in. and no. of perf 195 from 137 ft. to 150 ft.

Screens: [ ] Yes [ ] No [ ] K-Pac

Manufacturer's Name

Model No.

Diam. from ft. to ft.

Gravel/Filter packed: [ ] Yes [ ] No Size of gravel/sand

Materials placed from ft. to ft.

Surface Seal: [X] Yes [ ] No To what depth? 18 ft.

Material used in seal Bentonite

Did any strata contain usable water? [ ] Yes [X] No

Type of water: Depth of strata

Method of sealing strata off

PUMP: Manufacturer's Name

Type: H.P.

WATER LEVELS: Land-surface elevation above mean sea level 315 ft.

Static level 108 ft. below top of well Date 8/22/07

Artesian pressure lbs. per square inch Date

Artesian water is controlled by

(WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? [ ] Yes [X] No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

Yield: gal./min. with ft. drawdown after hrs.

Yield: gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test

Dissolved gas gal./min. with ft. drawdown after hrs.

Air test: 7.5 gal./min. with stem set at 160 ft. for 1 hrs.

Artesian flow g.p.m. Date 8/22/07

Temperature of water Was a chemical analysis made? [ ] Yes [ ] No

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller [ ] Engineer [ ] Trainee Name (print) Chris Jones

Driller/Engineer/Trainee Signature

Driller or trainee License No. 2253

IF TRAINEE: Driller's License No.

Driller's Signature:

CURRENT

Notice of Intent No. W 252532

Unique Ecology Well ID Tag No. ALH 725

Water Right Permit No. Exempt well

Property Owner Name Dan Stewart

Well Street Address 14025 Thurlow Lane SE

City Tenino County Thurston

Location SE 1/4-1/4 SE 1/4 Sec 11 Twn 16 R 2 Ebb Check (s, t, r Still REQUIRED)

Lat/Long Lat Deg 46 Lat Min/Sec 52° 41' Long Deg 122 Long Min/Sec 53° 46'

Tax Parcel No. (Required) 12511440300

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL FROM TO

Top soil 0 1
Sandy clay Brown Soft 1 4
Sand & gravel Brown Soft 4 22
Sand Grey Soft 22 36
Sand, gravel, some clay Gray Hard 36 71
Sandy clay & gravel 71 77
Gravel Brown Soft 77 131
Gravel-wb Brown Soft 131 148
Sand-wb fine sand, little gravel Gray Soft 148 163
Clay Grey Soft 163 170

Do not set pump past 135'

RECEIVED

AUG 30 2007

Washington State
Department of Ecology

Start Date 8/22/07 Completed Date 8/22/07

Drilling Company Moerke & Sons Pump & Drilling, Inc.

Address 1286 NW Maryland Avenue

City, State Zip Chehalis, WA 98532

Contractor's Registration No. MOERKSPOT272N5 Date 8/23/07

Ecology is an Equal Opportunity Employer
**WELL SCHEDULE**

Date: 9-25, 1958

Record by: Wallace

Source: Mrs. Danzer & Obs

Location: State of Washington

County: Thurston

Area: McDuff Rd.

Map: Tenino Quad

SW 1/4 SE 1/4 sec. 11 T. 16 N., R. 2 W.

Details: Located on North side of McDuff Rd.

Owner: Frank Danzer (His No.)

Address: Rt. 1, Rochester

Driller: American Company

Topography

Land-surface datum: 276 ft. above MSL

Type: Dug

Depth: Rept. 93 feet

Bored

Jetted

Meas. feet

Date: 19

Casing: Diam. " to " in. Type

Depth: ft. Finish

Chief aquifer

Water level: ft. Thick: ft.

Rept. Meas. 65 ft. 19 ft. above which is ft. below datum

Pump: Type Jet

Capacity gal. min.

Driven by: horse power Elec.


Drawdown ft. after hours pumping: gal. min.

Adequacy: permanence: R. adequate

Use: (Dom) Stock, PS, RR, Ind. Irr. Obs.

Quality: Sample No. 19 Temp. °F.

Taste, color, hardness, sanitation, etc. R good - rep.

Other data: Log Water levels Draft Pump test Analyses

Turn up:
Water Well Report

Original - Ecology, 1st copy - owner, 2nd copy - driller

Construction/Decommission

Construction
Decommission

ORIGINAL INSTALLATION Notice

PROPOSED USE: [ ] Domestic [ ] Industrial
[ ] Irrigation [ ] Test Well
[ ] Municipal [ ] Other

TYPE OF WORK: [ ] New well [ ] Reconditioned
[ ] Deepened [ ] Others

DIMENSIONS: Diameter of well 6" inches, drilled 144 ft.
Depth of completed well 144 ft.

CONSTRUCTION DETAILS:
Casing: [ ] Welded [ ] Diam. from 0 ft. to 144 ft.
[ ] Threaded [ ] Diam. from 0 ft. to 144 ft.
Installed: [ ] Liner-installed [ ] Diam. from 0 ft. to 144 ft.
[ ] Surface-sealed [ ] Diam. from 0 ft. to 144 ft.
Perforations: [ ] Yes [ ] No

SIZE of perforations: [ ] in. by [ ] in. and no. of perforations [ ] from ft. to ft.

Screen:
[ ] Yes [ ] No [ ] K-Pac Location

Manufacturer’s Name:

Type: [ ] Slot size from [ ] ft. to [ ] ft.
Diam. from [ ] ft. to [ ] ft.

Gravel/Filter packed: [ ] Yes [ ] No [ ] Size of gravel and sand
Materials placed from [ ] ft. to [ ] ft.

Surface Seal: [ ] Yes [ ] No [ ] To what depth? [ ] ft.

Material used in seal:

Did any strata contain unusable water? [ ] Yes [ ] No

Type of water:

Method of sealing strata off:

PUMP: Manufacturer’s Name:

Type: [ ] H.P.

WATER LEVELS: Land-surface elevation above mean sea level
Static level 58 ft. below top of well Date 10-14-05
Artesian pressure [ ] lbs. per square inch Date

ARTESIAN WATER IS CONTROLLED BY

WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? [ ] Yes [ ] No [ ] if yes, by whom?
Yield: gal/min. with ft. drawdown after hrs.
Yield: gal/min. with ft. drawdown after hrs.
Yield: gal/min. with ft. drawdown after hrs.

Recovery data (time taken to zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test

Bailer test: gal/min. with ft. drawdown after hrs.
Artesian well: gal/min. with stem set at 154 ft. for hrs.

ARTESIAN FLOW [ ] gpm. Date

Temperature of water [ ] Was a chemical analysis made? [ ] Yes [ ] No

WELL CONSTRUCTION CERTIFICATION: I, [ ] Driller or Trainee Name (Print)
[ ] Driller/Engineer/Trainee Signature

Start Date 10-13-05 Completed Date 10-14-05

Driller/Engineer/Trainee Name (Print)

Driller/Engineer/Trainee Signature

DATE OF CONSTRUCTION: [ ] Driller’s Licensed No.
[ ] Driller’s Signature

EARTHALL WELL DRILLING

1905 Harrison Ave

Contrail, WA 98533

Address

ECY 105-1-20 (Rev 2/03) Ecology is an Equal Opportunity Employer.
Water Well Report

Construction/Decommission

Owner's number of well: 1

New well: Yes
Reconditioned: No

Method: Dug
Deepened: No

DIMENSIONS:
Diameter of well: 6 in.
Depth of completed well: 157 ft.

CONSTRUCTION DETAILS
Casing: 6 ft. Dia. from 0 ft. to 157 ft.
Installed: 6 ft. Dia. from 0 ft. to 157 ft.
Perforations: Yes
Gravel/Filter packed: Yes
Screen: Yes
System: N2Pac Location

WATER LEVELS:
Static level: 81 ft. below top of well Date: 10-19-05
Artesian pressure: lbs. per square inch Date:
Artesian water is controlled by:

WELL TESTS:
Wells drawdown is amount water level is lowered below static level

Start Date: 10-19-05 Completed Date: 10-19-05

Driller/Engineer/Trainee Name (Print) Driller/Engineer/Trainee License No.

Water Well Report

Construction/Decommission

Owner's number of well: 1

New well: Yes
Reconditioned: No

Method: Dug
Deepened: No

DIMENSIONS:
Diameter of well: 6 in.
Depth of completed well: 157 ft.

CONSTRUCTION DETAILS
Casing: 6 ft. Dia. from 0 ft. to 157 ft.
Installed: 6 ft. Dia. from 0 ft. to 157 ft.
Perforations: Yes
Gravel/Filter packed: Yes
Screen: Yes
System: N2Pac Location

WATER LEVELS:
Static level: 81 ft. below top of well Date: 10-19-05
Artesian pressure: lbs. per square inch Date:
Artesian water is controlled by:

WELL TESTS:
Wells drawdown is amount water level is lowered below static level

Start Date: 10-19-05 Completed Date: 10-19-05

Driller/Engineer/Trainee Name (Print) Driller/Engineer/Trainee License No.

Notice of Intent No. W233601
Unique Ecology Well ID Tag No. ALG 372
Water Right Permit No.
Property Owner Name Josh Birbari
Well Street Address Lot 4, 14020 Thurston
City Tenino County Thurston
Lat/Long (s, t, r) 39 ° 10' 120 
Lat Deg 4 Lat Min/Sec still REQUIRED 
Long Deg 14 Long Min/Sec 
Tax Parcel No. 1261440000

CONSTRUCTION OR DECOMMISSION PROCEDURE
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information indicate all water encountered. (USE ADDITIONAL SHEETS IF NECESSARY)

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil</td>
<td>0</td>
<td>23</td>
</tr>
<tr>
<td>6 feet Clay - gravel</td>
<td>23</td>
<td>33</td>
</tr>
<tr>
<td>Sand - gravel</td>
<td>33</td>
<td>39</td>
</tr>
<tr>
<td>Gravel - water</td>
<td>39</td>
<td>137</td>
</tr>
<tr>
<td>137 - 157</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECEIVED

OCT 26 2005

DEPARTMENT OF ECOLOGY
WELL DRILLING UNIT

Drilling Company: Chehalis Well Drilling
Driller's License No. CYP-010-428
Driller's Signature: 2771

Current Notice of Intent No. W233601
Unique Ecology Well ID Tag No. ALG 372
Water Right Permit No.
Property Owner Name: Josh Birbari
Well Street Address: Lot 4, 14020 Thurston
City: Tenino County: Thurston
Lat/Long (s, t, r): 39 ° 10' 120 
Lat Deg 4 Lat Min/Sec still REQUIRED 
Long Deg 14 Long Min/Sec 
Tax Parcel No. 1261440000

Driller/Engineer/Trainee Name (Print): Driller/Engineer/Trainee License No.

Driller's Licensed No.
Driller's Signature:

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller/Engineer/Trainee Name (Print)
Driller's Licensed No.
Driller's Signature:

Drilling Company: Chehalis Well Drilling
Address: 1905 Harrison Ave
City: Chehalis State: WA Zip: 9853
Contractor's Registration No.: CYP-010-428 Date: 10-19-05

Ecology is an Equal Opportunity Employer.

ECY 059-1-20 (Rev 2/03)
Water Well Report

Original – Ecology, 1st copy – owner, 2nd copy – driller

Construction/Decommission

Original INSTALLATION Notice

of Intent Number

Proposed Use:
- DeWater
- Domestic
- Industrial
- Test Well
- Municipal

Type of Work:
- Drilled
- Reconditioned
- Method: Dug
- Bored
- Driven

Dimensions:
- Diameter of well
- Depth of completed well

Construction Details

Casing: Welded Diam. from
Installed: Diam. from
Perforations:
- Yes
- No

Type of perforator used

Screen:
- Yes
- K-Pac

Manufacturer’s Name

Type
- Model No.

Gravel/Filter pack:
- Yes
- No
- Size of gravel/sand

Surface Seal:
- Yes
- No
- To what depth?

Material used in seal

Artesian pressure:
- lbs. per square inch

Artesian water is controlled by
- (cap, valve, etc.)

WELL TESTS:

Draindown is amount water level is lowered below static level

Was a pump test made?:
- Yes
- No

Yield:
- gal./min. with ft. drain down after hrs.

Artiesian flow:
- gal./min. with ft. drain down after hrs.

Temperature of water

Was a chemical analysis made?:
- Yes
- No

Start Date

Completed Date

Driller/Engineer/Trainee Name (Print)

Driller/Engineer/Trainee Signature

Driller or trainee License No.

If TRAINEE,

Driller’s Licensed No.

Driller’s Signature

Current

Notice of Intent No.

Water Right Permit No.

Property Owner Name

Well Street Address

City

County

Location

Lat/Long (s, t, r)

Lat Deg

Lat Min/Sec

still REQUIRED

Long Deg

Long Min/Sec

Tax Parcel No.

FISCAL BUDGET

DATE

RECEIVED

Dec 17 2005

DEPARTMENT OF ECOLOGY

WELL DRILLING UNIT

Drilling Company

Address

City, State, Zip

Contractor’s

Registration No.

Date

Ecology is an Equal Opportunity Employer.
WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle)
☐ Construction
☐ Decommission

ORIGINAL INSTALLATION Notice

PROPOSED USE:
☑ Domestic
☐ Industrial
☐ Irrigation
☐ Test Well
☐ Municipal
☐ Other

TYPE OF WORK: Owner's number of well (if more than one) LOT 2
☑ New well
☐ Reconditioned
Method: ☐ Deg
☐ Bored
☐ Driven
☐ Rotary
☐ Jigged

DIMENSIONS: Diameter of well 6 inches, drilled 160 ft.
Depth of completed well 157 ft.

CONSTRUCTION DETAILS

Casing
☑ Welded
6"
Diam. from +1 ft to 157 ft.

Installed:
☐ Liner installed
☐ Diam. from ft to ft.

Threaded:
☐ Diam. from ft to ft.

Perforations:
☑ Yes
☐ No

Type of perforator used
☐ AIR PERFORATOR

SIZE of perfor
☐ m in. by 1 in. and no. of perfor 163 ft. to 155 ft.

Screens:
☑ Yes
☐ No
☐ K-Pac
Location:

Manufacturer's Name

Type:

Slot size:

Diam.:

Slot size:

Diam.:

Gravel/Filter packed:
☐ Yes
☐ No

Size of gravel/sand:

Materials placed from:

ft. to ft.

Surface Seal:
☐ Yes
☐ No
To what depth? 20 ft.

Material used in seal:
☐ BENTONITE CHIPS

Did any strata contain unusable water?
☐ Yes
☐ No

Type of water:

Depth of strata:

Method of sealing strata off:

PUMP: Manufacturer's Name

Type:

H.P.

WATER LEVELS: Land-surface elevation above mean sea level ft.

Static level:

ft. below top of well Date 10/12/05

Artesian pressure:

lbs. per square inch Date

Artesian water is controlled by:

(cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made?
☑ Yes
☐ No
If yes, by whom?

Yield:
gal. min. with ft. drawdown after hrs.

Time

Water Level

Time

Water Level

Date of test

Bailer test:

gal. min. with ft. drawdown after hrs.

Air test:

20 gal. min. with stem set at 151 ft. for hrs.

Artesian flow:

p. m. Date

Temperature of water:

Was a chemical analysis made?
☑ Yes
☐ No

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NOV 1 6 2005
Washington State
Department of Ecology

Drillers Name (Print) BRANDON HICKS
Driller/Engineer/Trainee Signature

Driller or trainee License No. 2785

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Contractor's Registration No. ARCADII058K1 Date 10/13/05

Drilling Company ARCADIA DRILLING INC.
Address PO BOX 1790
City, State, Zip SHELTON WA 98584
Contractor's

Ecology is an Equal Opportunity Employer.

The Department of Ecology does NOT warranty the Data and/or Information on this Well Report.
<table>
<thead>
<tr>
<th>well_diameter_qt</th>
<th>well_owner_nm</th>
<th>township_nr</th>
<th>range_nr</th>
<th>range_dir_cd</th>
<th>section_nr</th>
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<th>well_type_cd</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>RICHMOND JPJ ENT INC</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>12</td>
<td>SE</td>
<td>SW</td>
<td>2/11/2008</td>
<td>W</td>
<td>2/27/2008</td>
<td>2.6</td>
</tr>
<tr>
<td>6</td>
<td>RICHMOND JPJ ENTERPRISES INC</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>12</td>
<td>SE</td>
<td>SW</td>
<td>5/2/2008</td>
<td>W</td>
<td>39581</td>
<td>1.26</td>
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</tbody>
</table>
**WATER WELL REPORT**

**Construction/Decommission ("x" in circle)** 29/49

- **Construction**
- **Decommission**

**ORIGINAL INSTALLATION Notice of Intent Number**

**PROPOSED USE:**
- Domestic
- Industrial
- Municipal
- Irrigation
- Test Well
- Other

**TYPE OF WORK:**
- Owner’s number of well (if more than one)
- New well
- Reconditioned
- Method: Drilled
- Bored
- Deepened
- Cable Rotary
- Jetted

**DIMENSIONS:**
- Diameter of well: 6 inches, drilled: 15 ft.
- Depth of completed well: 10 ft.

**CONSTRUCTION DETAILS:**
- Casing: P
d
- Installed: 32 1/2 in. Dia.
- 15 ft. to 45 ft.
- Perforations: P
- Yes
- No
- Type of perforator used: Grout

**SIZE OF PERFS:**
- 1/2 in. by 2 in. and no of perf. 80

**Screws:**
- Yes
- No
- K-Pac

**Manufacturer’s Name:**
- H.F.

**WATER LEVELS:**
- Land surface elevation above mean sea level: 90 ft.
- Static level: 10 ft. below top of well - Date
- Artesian pressure: lbs. per square inch - Date
- Artesian water is controlled by:

**WELL TESTS:**
- Drawdown is amount water level is lowered below static level
- Was a pump test made: Yes
- Yield:
  - gal./min. with:
  - ft. drawdown after: hrs.
  - ft. drawdown after: hrs.
  - ft. drawdown after: hrs.
- Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level):
  - Time: Water Level
  - Date: Water Level

**PUMP:**
- Manufacturer’s Name:
- Type:
- H.F.

**CONSTRUCTION OR DECOMMISSION PROCEDURE:**

**FORMATION:**
- Description by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

**MATERIAL**

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>15</td>
</tr>
<tr>
<td>45</td>
<td>76</td>
</tr>
<tr>
<td>126</td>
<td>185</td>
</tr>
</tbody>
</table>

**RECEIVED**

FFA 27/2000

Washington State Department of Ecology

**WELL CONSTRUCTION CERTIFICATION:**

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

- Driller
- Engineer
- Trainee Name (Print)

**WELL COMPANY:**

CHEHALIS WELL DRILLING, LLC
1905 HARRISON AVE
CENTRALIA, WA 98531

**Driller’s Licensed No.:**

**Combination:**

The Department of Ecology does NOT warranty the Data and/or Information on this Well Report.
WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle)
- Decommission

Proposed Use: Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Text Well ☐ Other

Type of Work: Owner's number of well (if more than one)
- New well ☐ Reconditioned ☐ Method: Dug ☐ Bored ☐ Driven ☐ Deepened ☐ Cased ☐ Welded

Dimensions: Diameter of well in inches, drilled ft. Depth of completed well ft.

Construction Details
- Casing: Yes ☐ No ☐
- Installed: Liner installed ☐
- Threaded: Yes ☐ No ☐

Perforations: Yes ☐ No ☐
- Type of perforator used:

Size of perforations in. by in. and no. of perforations from ft. to ft.

Screen: Yes ☐ No ☐
- K-Pac Location

Manufacturer's Name
- Type: HP.

Pump: Manufacturer's Name
- Model #: HP.

Water Levels: Land-surface elevation above mean sea level
- Static level ft. below top of well Date
- Artesian pressure lbs. per square inch Date
- Artesian water is controlled by (cap, valve, etc.)

Well Tests: Drawdown is amount water level is lowered below static level
- Was a pump test made? Yes ☐ No ☐
- Yield: gal./min. with ft. drawn down after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
- Time Water Level Time Water Level Time Water Level

Date of test
- Baller test gal./min. with ft. drawn down after hrs.

Airtest: gal./min. with stem set at ft. for hrs.
- Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? Yes ☐ No ☐

Well Construction Certification: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.
- Driller ☐ Engineer ☐ Trainer Name (Print)

Driller/Engineer/Trainer License No.

If Trainee, Driller's Licensed No.

Driller's Signature

ECY 050-1-20 (Rev 3/05) The Department of Ecology does NOT warranty the Data and/or Information on this Well Report.

CURRENT
- Notice of Intent No. W 254030
- Unique Ecology Well ID Tag No. BAC 045
- Water Right Permit No.
- Property Owner Name Richmond JPS Enterprises
- Well Street Address 14244 Knowles Rd SE
- City Tenino County Thurston
- Location Sec1/4 Sec1/4 Sec Sec 16 R 2 EWW M Circle one
- Lat/Long (s, t, r) Lat Deg Lat Min/Sec
- Still REQUIRED Long Deg Long Min/Sec
- Tax Parcel No. 126112234000

Constitution or Decommission Procedure
- Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (Use ADDITIONAL SHEETS IF NECESSARY.)

<table>
<thead>
<tr>
<th>Material</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil</td>
<td>0</td>
<td>37</td>
</tr>
<tr>
<td>Sand - gravel</td>
<td>37</td>
<td>81</td>
</tr>
<tr>
<td>Sand - water</td>
<td>81</td>
<td>122</td>
</tr>
<tr>
<td>Gravel - water</td>
<td>122</td>
<td></td>
</tr>
</tbody>
</table>

Received
- Washington State Department of Ecology
- Dec 03 2007

Drilling Company: Chehalis Well Drilling
- Address 1995 Harrison Ave
- City, State Zip Centralia, WA 98531

Contractor's Registration No. CHE0A0123N4 Date 11-07-07

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<table>
<thead>
<tr>
<th>well_diameter_qt</th>
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<th>range_nr</th>
<th>range_dir_cd</th>
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<th>qtr_qtr_section_cd</th>
<th>well_comp_dt</th>
<th>well_type_cd</th>
<th>well_log_recv_dt</th>
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<tr>
<td>6</td>
<td>ELMER GRUBBS</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>12</td>
<td>SW</td>
<td>9/25/1958</td>
<td>W</td>
<td></td>
<td>104</td>
</tr>
<tr>
<td>6</td>
<td>TRUDY WHITE</td>
<td>16</td>
<td>2</td>
<td>W</td>
<td>12</td>
<td>SW</td>
<td>8/3/2001</td>
<td>W</td>
<td>8/17/2001</td>
<td>104</td>
</tr>
</tbody>
</table>
WELL SCHEDULE

Date: 9-25, 1958

Record by: E.F. WALLACE
Source: Mrs Grubbs

Location: State of WASHINGTON
County: THURSTON
Area: McDuff Rd
Map: TENINO QUAD

Details: Located in woods W of house or NW side of McDuff Rd.

Owner: Elmer Grubbs (His No.
Address: Rt 1, Rainier

Topography:
Land-surface datum: 300+ ft above Datum
Type: Drilled

Depth: Rept. 19 ft.

Date: 19

Casing: Diameter to 6 in.

Depth: 19 ft. Finish

Chief aquifer: Depth 19 ft. Thick 19 ft.

Water level: Rept. 19 ft. above Datum

which is 19 ft. above Datum

Pump: Type
Capacity gal. min.

Driven by: horsepower


Drawdown: 19 ft. after hours pumping 19 gal. min.

Adequacy: permanence P adequate


Quality: Sample No. 19 Temp. 84°F
Taste, color, hardness, sanitation, etc. Exceeds

Other Data: Log Water levels Draft Pump test Analyses
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Robert J. Keepers
Address: 1916-43rd Ave SE, Tenino, WA 98589

(2) LOCATION OF WELL: County: Thurston

(3) STREET ADDRESS OF WELL: 1916-43rd Ave SE, Lot #2, Tenino, WA 98589

(4) TYPE OF WORK: Owner's number of well
Method: Dug [ ] Domestic [ ] Irrigation [ ] Industrial [ ] Municipal [ ] Test Well [ ] Other [ ]

(5) DIMENSIONS: Diameter of well 6 in.
Drilled 106 ft. Depth of completed well 106 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 in. Diam., from 0 ft. to 103 ft.

Screens: Yes [ ] No [ ]
Manufacturer's Name:
Type: Meter
Model No.:
Diam. Slot size
Diam. Slot size

Gravel packed: Yes [ ] No [ ]
Size of gravel:
Gravel placed from:

Surface seal: Yes [ ] No [ ]
To what depth? 18 ft.

Material used in seal:

Did any strata contain unusable water? Yes [ ] No [ ]
Type of water: Mixed

(7) PUMP:
Manufacturer's Name:
Type:

(8) WATER LEVELS:
Static level 85 ft. below top of well Date 10/3/98

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [ ]
If yes, by whom?
Yield:
gal./min. with ft. drawdown after hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test
Bailer test gal./min. with ft. drawdown after hrs.

Art test gal./min. with stem set at ft. or hrs.

Artesian flow g.p.m. Date 10-5-98
Temperature of water

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL FROM TO
Top soil, rocks 0 1
Sand & Gravel 2 6
Cemented sand & gravel 6 69
Sand & Gravel 87 96
Sand & Gravel WB 96 104
Basalt - Black Hard 104 106

Work Started 10-1-98, Completed 10-5-98

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME: Moeke & Sons
Address: 1886 NW Maryland, Chehalis
(Signed) Chuck Jones (WELL DRILLER)
License No. 2253

Contractor's Registration No. MOERKSPRANS Date 10-5-98

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**WATER WELL REPORT**

**STATE OF WASHINGTON**

<table>
<thead>
<tr>
<th>(1) OWNER Name</th>
<th>TRUDY WHITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>SW 1/4 Sec 17 T 14 N R 2 WM</td>
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<table>
<thead>
<tr>
<th>(2a) STREET ADDRESS OF WELL</th>
<th>Same</th>
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<tbody>
<tr>
<td>TAX PARCEL NO</td>
<td>126123 30330</td>
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<table>
<thead>
<tr>
<th>(3) PROPOSED USE</th>
<th>Domestic</th>
<th>Industrial</th>
<th>Municipal</th>
<th>Irrigation</th>
<th>Test Well</th>
<th>Other</th>
<th>DeWater</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>(4) TYPE OF WORK</th>
<th>Owner's number of well (if more than one).</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>New Well Method</td>
</tr>
<tr>
<td></td>
<td>Deepened</td>
</tr>
<tr>
<td></td>
<td>Reconditioned</td>
</tr>
<tr>
<td></td>
<td>Decommission</td>
</tr>
<tr>
<td></td>
<td>Rotary</td>
</tr>
<tr>
<td></td>
<td>Jetted</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(5) DIMENSIONS.</th>
<th>Diameter of well: 0 inches</th>
</tr>
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<tbody>
<tr>
<td>Drilled</td>
<td>06 feet. Depth of completed well: 96 ft</td>
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<table>
<thead>
<tr>
<th>(6) CONSTRUCTION DETAILS</th>
<th>Casing installed</th>
</tr>
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<tr>
<td></td>
<td>Welded 0</td>
</tr>
<tr>
<td></td>
<td>Diam from 12 ft to 95 ft</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforations</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of perforator used</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIZE of perforations</td>
<td>in by in</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screens</th>
<th>Yes</th>
<th>No</th>
<th>K-Pac Location</th>
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<tbody>
<tr>
<td>Manufacturer's Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Model No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diam</td>
<td>Slot Size ft to ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diam</td>
<td>Slot Size ft to ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gravel/Filter packed</th>
<th>Yes</th>
<th>No</th>
<th>Size of gravel/sand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material placed from</td>
<td></td>
<td></td>
<td>ft to ft</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Surface seal</th>
<th>Yes</th>
<th>No</th>
<th>To what depth</th>
<th>18 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material used in seal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Did any strata contain unusable water?</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of water</td>
<td>Depth of strata</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>(7) PUMP</th>
<th>Manufacturer's Name</th>
<th>Gould</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Submersible 1/2 HP</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>(8) WATER LEVELS</th>
<th>Land-surface elevation above mean sea level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static level</td>
<td>18 ft below top of well Date Aug 6</td>
</tr>
<tr>
<td>Artesian pressure</td>
<td>lbs per square inch Date</td>
</tr>
<tr>
<td>Artesian water is controlled by</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(9) WELL TESTS</th>
<th>Drawdown at amount water level is lowered below static level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was a pump test made?</td>
<td>Yes</td>
</tr>
<tr>
<td>Yield gal/mn with ft drawdown after hrs</td>
<td></td>
</tr>
<tr>
<td>Yield gal/mn with ft drawdown after hrs</td>
<td></td>
</tr>
<tr>
<td>Yield gal/mn with ft drawdown after hrs</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>Date of test</td>
</tr>
<tr>
<td>Bailer test</td>
</tr>
<tr>
<td>Artest</td>
</tr>
<tr>
<td>Artesian flow</td>
</tr>
<tr>
<td>Temperature of water</td>
</tr>
</tbody>
</table>

**RECEIVED**

AUG 1 7 2001

DEPARTMENT OF Ecology
WELL PROGRAM

**WELL CONSTRUCTION CERTIFICATION**

I constructed and/or accept responsibility for construction of this well and compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief

Type or Print Name: Signed by Licensed Driller/Engineer

Trainer Name: License No: 2527

Drilling Company: King Bros Drilling Inc.

(Signed) Address: 1451 S 122 Silver Creek WA

Contractor's Registration No: King Bros. 014933

(USE ADDITIONAL SHEETS IF NECESSARY)

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