APPENDIX B
DNR WELL LOGS
Remedial Investigation
Yakima Railroad Area
Yakima, Washington
SECOR PN: 00378-001-02
December 31, 1998
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name George Nickoloff
Address 2901 Lateral 1 Wapato, WA 98951

(2a) LOCATION OF WELL: County Yakima

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

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

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

(5) DIMENSIONS: Diameter of well 16" 12" 8" inches
Drilled 260 feet, Depth of completed well 260 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 8" Diam. from +2' ft. to 105' ft.
Welded 6" Diam. from -90' ft. to 260' ft.
Threaded X Diam. from -90' ft. to 260' ft.

Perforations: Yes X No □
Type of perforator used: UTorch cut
SIZE of perforations: 6" long, 1/8" wide
168 perforations from -230' ft. to -260' ft.

Screen: Yes □ No X
Manufacturer's Name:
Type 
Diam. 
Slot size, from ft. to ft.
Diam. 
Slot size, from ft. to ft.

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

Surface seal: Yes X No □ To what depth? 105' X
Material used in seal: Bentonite
Did any strata contain unusable water? Yes □ No X
Type of water pressure grouted
Method of sealing strata off:

(7) PUMP: Manufacturer's Name
Type:

(8) WATER LEVELS:
Static level 113' 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 □ No X If yes, by whom?
Yield: 100 gal./min. with 100 ft. drawdown after hrs.
Approx. 100 CFM air lift
Recovery data (time taken as zero when pump turned off) (water level measured from top to water level)
Time Water Level Time Water Level Time Water Level

Date of test:

Boiler test gal./min. with ft. drawdown after hrs.
Airest 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 X

(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.

Top soil brown medium 0 1
Caliche gravel cobbles black/brown/white hard 1 4
Fractured basalt broken black/brown very hard 4 21
Gravel clay gray medium hard 21 33
Clay brown medium 33 40
Clay shale red/brown medium 40 48
Sandstone gravel black/brown hard 48 52
Sandstone brown medium hard 52 88
Sandstone blue green medium hard 88 93
Sandstone brown medium hard 93 105
Clay shale red/brown medium hard 105 117
Sandstone white gray medium 117 138
Sandstone brown medium hard 138 145
Sandstone multi colored medium 145 149
Sandstone brown medium hard 149 174
Sandstone brown gray medium hard 174 203
Sandstone brown medium hard 203 230
Sandstone multi colored gray 230 260

WELL CONSTRUCTOR CERTIFICATION:
I, [NAME], have constructed or am responsible for the 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: [NAME] (WELL CONTRACTOR) (TYPE OF PRINT)
Address: E. 6010 Broadway, Spokane, WA 99212
Registration No: (WELL CONTRACTOR) (License No) 1335

(Signed) [Signature] (Steve Mills)

(USE ADDITIONAL SHEETS IF NECESSARY)
PROJECT NAME: Mr. John Eakin
WELL IDENTIFICATION NO.: MW-1/JAC-664
DRILLING METHOD: Tubex SH
DRILLER: Robert A. Sheldon
FIRM: Environmental West Enterprises
SIGNATURE: [Signature]
CONSULTING FIRM: White Shield
REPRESENTATIVE: Corey Thomas

COUNTY: Yakima
LOCATION: 52°14' W 144° Sec. 2, Tm 20 N R 19 W
STREET ADDRESS OF WELL: 63103 Main St
UNION GAP, WA
WATER LEVEL ELEVATION: 7' 861.4
GROUND SURFACE ELEVATION: NA
INSTALLED: 15-5-97
DEVELOPED: NA

AS-BUILT

WELL DATA
Flush out
3/8" Hole Plug
3" R.U.C. Plug
Top of 40# silica sand
Top of 3" R.U.C.
.020 slot screen
6" Borehole

FORMATION DESCRIPTION
Brown silt

Gravel with sand and cobbles

SCALE: 1" = 5'

ECY 050-12 (Rev. 11/89)

MAY 28 1997
DEPARTMENT OF ECeLOGY
CENTRAL REGION OFFICE

E E
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: EXPRESS LUBE
WELL IDENTIFICATION NO: ________
DRILLING METHOD: TSHA
DRILLER: Brent C. Maley
FIRM: Cascade Drilling, Inc.
SIGNATURE: ________________
CONSULTING FIRM: ____________
REPRESENTATIVE: _______

COUNTY: Yakima
LOCATION: SE 1/4 NW 1/4 Sec 8 Twp 12N R 19E
STREET ADDRESS OF WELL: 2500 S, First (Main St.) Union Gap
WATER LEVEL ELEVATION: N/A
GROUND SURFACE ELEVATION: N/A
INSTALLED: 10/28/97
DEVELOPED: N/A

AS-BUILT

WELL DATA

CONCRETE SURFACE SEAL
2'

BACKFILL
GRAVEL
CHIPS

DEPTH OF BORING 10'

FORMATION DESCRIPTION

0 - 2 ft.
GRAVEL BASE

2 - 8 ft.
COBBLE

8 - 10 ft.
SANDY GRAVEL
(SOME COBBLE)

DEC 1 1997
DEPARTMENT OF ECOLOGY
CENTRAL REGION OFFICE

SCALE: 1" = __________

ECY 050-12 (Nov. 11/99)
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: Texaco
WELL IDENTIFICATION NO.: N/A
DRILLING METHOD: HSA
DRILLER: Brent C. Maley
FIRM: Cascade Drilling, Inc.

COUNTY: Yakima
LOCATION: 35°40' N 120°41'E
STREET ADDRESS OF WELL: 2500 S. First (Main St.) Union Gap

WATER LEVEL ELEVATION: N/A
GROUND SURFACE ELEVATION: N/A
INSTALLED: 10/28/97
DEVELOPED: N/A

AS-BUILT

WELL DATA

CONCRETE SURFACE SEAL
2'

DEPTH OF DURING 15'

FORMATION DESCRIPTION

0 - 2 ft.
GRAVEL/CAVE

2 - 8 ft.
COBBLE

8 - 15 ft.
COBBLE/SANDY

DEC 1 1997

ECY 050-12 (Nov. 11/99)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Richardson Enterprises
Address:

(2) LOCATION OF WELL: YAKIMA County

(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 [ ]
Deeper [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

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

(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. per feet from ft. to ft.
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 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: [ ]
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: [ ] HP:

(8) WATER LEVELS:
A. Land-surface elevation ft. below top of well [ ]
Stat. level: [ ] ft. above mean sea level [ ]
Art. pressure lbs. per square inch [ ]
Artesian water is controlled by: [ ]

B. Artesian wells are pumped [ ]

(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: [ ]
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>3</td>
</tr>
<tr>
<td>Gravel, cobble, loose</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>Clay, gravel</td>
<td>7</td>
<td>19</td>
</tr>
<tr>
<td>Gravel, sand, silt</td>
<td>19</td>
<td>23</td>
</tr>
<tr>
<td>Conglomerate, gray</td>
<td>23</td>
<td>38</td>
</tr>
<tr>
<td>Conglomerate, brown</td>
<td>38</td>
<td>43</td>
</tr>
<tr>
<td>Clay &amp; gravel</td>
<td>43</td>
<td>111</td>
</tr>
<tr>
<td>Clay, sand, loam, gravel</td>
<td>111</td>
<td>128</td>
</tr>
<tr>
<td>Clay, silt, loam</td>
<td>128</td>
<td>128</td>
</tr>
<tr>
<td>Sand, silt, gravel</td>
<td>128</td>
<td>128</td>
</tr>
<tr>
<td>Gravel, loose, brown</td>
<td>128</td>
<td>131</td>
</tr>
<tr>
<td>Clay, sand, loam</td>
<td>131</td>
<td>227</td>
</tr>
<tr>
<td>Cobble, gravel, sand</td>
<td>227</td>
<td>228</td>
</tr>
<tr>
<td>Pumper, water</td>
<td>228</td>
<td>228</td>
</tr>
</tbody>
</table>

Received:
MAY 1989

Work started [ ]
Completed [ ]

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: Cassel Well Drilling
(Person, firm, or corporation) (Type of print)
Address: 1301 South Yakima Ave.

(Signed) [ ] (Well Driller)
License No. 0077 Date: [ ]

(USE ADDITIONAL SHEETS IF NECESSARY)
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: Spray Field Yakima Wash
COUNTY: Yakima

WELL IDENTIFICATION NO.: ML-5
LOCATION: NW 1/4 SE 1/4 Seco 28 Tm 1B N R 19E

DRILLING METHOD: Bullion, Ramsey, Hill
STREET ADDRESS OF WELL: 2220 E. Viola

DRILLER: Richard Smoak
Yakima, WA

FIRM: Layne Environmental Services, Inc.
WATER LEVEL ELEVATION: 6.7'

SIGNATURE: J. Smoak
GROUND SURFACE ELEVATION:

CONSULTING FIRM: J. Smoak
INSTALLED: 8-13-92

REPRESENTATIVE: J. Smoak
DEVELOPED: 8-14-92

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AS-BUILT

STEEL SURFACE MONUMENT W/LOCK 3' FT. ABOVE G.L.

PROTECTIVE POSTS

CONCRETE SURFACE SEAL 3' TO 8' FT.

WELL CASING 8' TO 7' FT.
2" SCH 40 PTF PVC

ANNULAR SEALANT 3' TO 4' FT.
Bentonite chips

SEAL — TO — FT.

FILTER PACK 4' TO 17' FT.
10-20 Colorado silica

SCREEN INTERVAL 7' TO 17' FT.
2" SCH 40 PTF PVC
O2O FACTORY SLOTTED

HOLE DIAMETER 9 IN.

TOTAL DEPTH 17' FT.

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Layne
Environmental
Services, Inc.
Specialized Drilling for the Environmental Industry
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: Spray Field, Yakima, Wash.
WELL IDENTIFICATION NO. MW-6
DRILLING METHOD: Suspension Hammer - Rotary
DRILLER: Richard Stotts
FIRM: Layne Environmental Services, Inc.
SIGNATURE: Tim O'Connor
CONSULTING FIRM: Layne Environmental Services, Inc.
REPRESENTATIVE: Tim O'Connor

COUNTY: Yakima
LOCATION: 46° 14' 30" N 121° 45' 12" W
STREET ADDRESS OF WELL: 2220 E. Viole, Yakima, WA
WATER LEVEL ELEVATION: 7.4'
GROUND SURFACE ELEVATION: 8-13-92
INSTALLED: 8-14-92
DEVELOPED: 8-14-92

AS-BUILT

WELL DATA

STEEL SURFACE MONUMENT W/LOCK 3' FT. ABOVE G.L.
PROTECTIVE POSTS

CONCRETE SURFACE SEAL 2' TO 3' FT.

WELL CSG: 2' TO 3' FT.
3" SCH 40 TPJ PVC

ANNULAR SEALANT 6' TO 46' FT.
Bentonite chips

SEAL __ TO __ FT.

FILTER PACK 46' TO 8' FT.
10-20 Colorado Silice

SCREEN INTERVAL 8' TO 18' FT.
2" SCH 40 TSJ PVC
300 FACTORY SLOTTED

HOLE DIAMETER 2" TO 18" 9 IN.

TOTAL DEPTH 18' FT.

FORMATION DESCRIPTION

SAND & GRAVELS
Cobbles
**Resource Protection Well Report**

**Project Name:** Spray Field Yakima Wash  
**WELL IDENTIFICATION NO.:** MU-5  
**Drilling Method:** Kneiss Steelение  
**Driller:**  
**Firm:** Layne Environmental Services, Inc.  
**County:** Yakima  
**Location:**  
**Street Address of Well:** 2220 E. Viele  
**WATER LEVEL ELEVATION:** 67'  
**GROUND SURFACE ELEVATION:**  
**INSTALLED:** 8-13-92  
**DEVELOPED:** 8-14-92  

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**AS-BUILT**

- **Steel Surface Monument:** W/LOCK 3' FT. ABOVE G.L.  
- **Protective Posts:**  
- **Concrete Surface Seal:**  
- **Well CS:**  
  - **Schedule 40:**  
  - **TFJ PVC:**  
- **Annular Sealant:**  
  - **3' TO 4' FT:**  
  - **Bentonite chips:**  
- **Seal:**  
  - **TO:**  
- **Filter Pack:**  
  - **4' TO 17' FT:**  
  - **70-20 Colorado Silica:**  
- **Screen Interval:**  
  - **2'' SCH 40 TFJ PVC:**  
  - **20 FACTORY SLOTTED:**  
- **Hole Diameter:**  
  - **5' TO 17' 9 IN:**  

**TOTAL DEPTH:** 17' FT.
### Monitoring Well Geologic & Construction Log

**Project Number**: SEA27892.R1  
**Well Number**: MW-2  
**Sheet**: 1

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Interval</th>
<th>Type and Number</th>
<th>Recovery</th>
<th>Standard Test</th>
<th>Field Observations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Surface Conditions: sand and cobbles</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Brown sandy silt (34.1), dense with some gravel.</td>
</tr>
<tr>
<td>10</td>
<td>Grab</td>
<td></td>
<td></td>
<td></td>
<td>Grey sandy gravel (10%), moist to wet</td>
</tr>
<tr>
<td>15</td>
<td>Grab</td>
<td></td>
<td></td>
<td></td>
<td>Becomes wet 11&quot;</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Grey sandy gravel (20%), saturated</td>
</tr>
<tr>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Water encountered at 18 ft. by 25 ft. during drilling. 25&quot; = bottom of hole</td>
</tr>
</tbody>
</table>

**WELL CONSTRUCTION**

- 8-inch casing and protective casing  
- 4" Schedule 40 PVC slip top  
- 4" Schedule 40 PVC blank casing  
- Bentonite chips (medium)  
- 10-20 Colorado silts sand  
- 4" Schedule 40 PVC well screen (1/2" slot)

**Geologic Logs & Field Observations**

- Portland cement and slurry
- 25 ft.
- 22.5 ft.
- Bottom of hole 24"
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: N.C. MACHINERY
WELL IDENTIFICATION NO. MA-4
DRILLING METHOD: CASING HAMMER
DRILLER: STEVE BUTLER
FIRM: Cascade Drilling, Inc.
SIGNATURE: [Signature]
CONSULTING FIRM: NAMES & MOTT
REPRESENTATIVE: MARK MONTAL

COUNTY: YAKIMA
LOCATION: NE40 NW4 Sec 20, Twn 3N R 19E
STREET ADDRESS OF WELL: 9100 TERRACE DR
YAKIMA, WA.
WATER LEVEL ELEVATION: 12'
GROUND SURFACE ELEVATION: N/A
INSTALLED: 9-30-93
DEVELOPED: 9-30-93

AS-BUILT

WELL DATA

FORMATIONS DESCRIPTION

WELL COVER
CONCRETE SURFACE SEAL
DEPTH = 1'ft

PVC BLANK 2"x5'

BACKFILL 2' ft
TYPE: CHIPS

PVC SCREEN 2"x13'
SLOT SIZE: 0.02

GRAVEL PACK 15' ft
MATERIAL: 9-12 SAND

WELL DEPTH 18' ft

0 - 15 ft.
SILTY SAND, GRAVEL & COBBLES

- ft.

SCALE: 1" =

PAGE OF

OCT 1 2 1993
<table>
<thead>
<tr>
<th>AS-BUILT</th>
<th>WELL DATA</th>
<th>FORMATION DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WELL COVER</td>
<td>0 - 20 ft.</td>
</tr>
<tr>
<td></td>
<td>CONCRETE SURFACE SEAL</td>
<td>Silty Sand, Gravel &amp; Cobble</td>
</tr>
<tr>
<td></td>
<td>DEPTH = 1/ft</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC BLANK 2&quot; x 5'</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BACKFILL 2 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TYPE: CHIPS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC SCREEN 2&quot; x 1/2'</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SLOT SIZE: 0.20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GRAVEL PACK 17 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATERIAL: 8-12 sand</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WELL DEPTH 20'</td>
<td></td>
</tr>
</tbody>
</table>

SCALE: 1" = _____

PAGE _____ OF _____

OCT 12 1993

DEPARTMENT OF ECOLGY
CENTRAL REGION OFFICE
### RESOURCES PROTECTION WELL REPORT

<table>
<thead>
<tr>
<th>AS-BUILT</th>
<th>WELL DATA</th>
<th>FORMATION DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WELL COVER</td>
<td>0 - 20 ft.</td>
</tr>
<tr>
<td></td>
<td>CONCRETE SURFACE SEAL</td>
<td>SILTY SAND, GRAVEL + COBBLES</td>
</tr>
<tr>
<td></td>
<td>DEPTH = 1/ft</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC BLANK 2&quot; x 5'</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BACKFILL 2 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TYPE: CHIPS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC SCREEN 2&quot; x 15'</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SLOT SIZE: 0.20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GRAVEL PACK 17 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATERIAL: BIRK SAND</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WELL DEPTH 20'</td>
<td></td>
</tr>
</tbody>
</table>

**PROJECT NAME:** N.C. MACHINERY  
**WELL IDENTIFICATION NO:** M W-5  
**DRILLING METHOD:** CASING HAMMER  
**DRILLER:** STEVE BUTLER  
**FIRM:** Cascade Drilling, Inc.  
**SIGNATURE:** [Signature]  
**CONSULTING FIRM:** DAMES & MOORE  
**REPRESENTATIVE:** MARK MOUNTAIN  

**COUNTY:** YAKIMA  
**LOCATION:** NE 1 1/4 Sec 20 Tn 13 R 19E  
**STREET ADDRESS OF WELL:** 3200 TERRACE DR. YAKIMA, WA.  
**WATER LEVEL ELEVATION:** 7.0  
**GROUND SURFACE ELEVATION:** N/A  
**INSTALLED:** 9-27-93  
**DEVELOPED:** 9-29-93
# Resource Protection Well Report

**Project Name:** N.C. Machinery  
**Well Identification No.:** M-W-4  
**Drilling Method:** Casing Hammer  
**Driller:** Steve Butler  
**Firm:** Cascade Drilling, Inc.  
**Signature:** [Signature]  
**Consulting Firm:** [Signature]  
**Representative:** Mark Moline

**County:** Yakima  
**Location:** NE 1/4 NE 1/4 Sec. 20, T21N R19E  
**Street Address of Well:** 3100 Terrace Dr.  
**Yakima, WA.**  
**Water Level Elevation:** 10  
**Ground Surface Elevation:** N/A  
**Installed:** 9-29-93  
**Developed:** 9-29-93

### As-Built Diagram

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-20 ft.</td>
<td>Clay Sand, Gravelly Cobble</td>
</tr>
<tr>
<td>2 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>17 ft.</td>
<td>Gravel Pack</td>
</tr>
<tr>
<td>8-12 Sand</td>
<td>Material</td>
</tr>
<tr>
<td>20 ft.</td>
<td>Well Depth</td>
</tr>
</tbody>
</table>

**Scale:** 1" = 10 ft.  
**Page:** 1 of 1
PROJECT NAME: N.C. MACHINERY
WELL IDENTIFICATION NO.: MW-4
DRILLING METHOD: CASING HAMMER
DRILLER: STEVE BUTLER
FIRM: Cascade Drilling, Inc.
SIGNATURE: [Signature]
CONSULTING FIRM: DAMES & MOORE
REPRESENTATIVE: MARK MOLINA

COUNTY: YAKIMA
LOCATION: 9746 NE 7th Ave
STREET ADDRESS OF WELL: 1300 TECPLACE Drive
WATER LEVEL ELEVATION: 15'
GROUND SURFACE ELEVATION: N/A
INSTALLED: 9-29-93
DEVELOPED: 9-29-93

AS-BUILT

WELL COVER
CONCRETE SURFACE SEAL
DEPTH = 1/ft

PVC BLANK 2" x 12'

BACKFILL TYPE: CHIPS

PVC SCREEN 2" x 15'
SLOT SIZE: .020

GRAVEL PACK 19 ft.
MATERIAL: 3-12 SAND

WELL DEPTH: 27'

FORMATION DESCRIPTION

0 - 27 ft.
silty sand & gravel
Cobble

- ft.
**RESOURCES PROTECTION WELL REPORT**

**PROJECT NAME:** CHEVRON STATION  
**WELL IDENTIFICATION NO:** 4-01 0-4 0-5  
**DRILLING METHOD:** AIR ROTARY  
**DRILLER:** J. K. MCTAVISH  
**SIGNATURE:** J. K. MCTAVISH  
**CONSULTING FIRM:** WILDE HOUSE MONTELEONE  
**REPRESENTATIVE:** KIRK WATSON

**WELL DATA**

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Concrete</td>
</tr>
<tr>
<td>6'</td>
<td>Kent Chips</td>
</tr>
<tr>
<td></td>
<td>Sand Pack</td>
</tr>
<tr>
<td></td>
<td>(Aquaf)</td>
</tr>
</tbody>
</table>

**AS BUILT**

- 4" blanket PVC  
- 4" 920 slot PVC screen  
- 15' 7-5 cap PVC  
- T-D: 2:0

**FORMATION DESCRIPTION**

- Very Dense Gray & Known  
- Sandy Chavel

**SCALE:** 1" = ___'

**PAGE** 1 OF 6
WATER WELL REPORT
STATE OF WASHINGTON

(11) OWNER: Name: Spencer Aspeli  Address:

(4) LOCATION OF WELL: County: Yakima

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

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

(4) TYPE OF WORK: Owner's number of well: Vw #1

Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐ Despainted ☐ Cable ☐ Driven ☐ Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well: 6 inches.

Drilled: 10 feet. Depth of completed well: 10 feet.

(6) CONSTRUCTION DETAILS:

Casing installed: Diameter: ft. to ft.
Welded ☐ Linear installed: Diameter: ft. to ft.
Threaded ☐ 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: PVC Schedule 40
Diam: ft. Slot size: from ft. to ft.
Diam: ft. Slot size: from ft. to ft.

Gravel packed: Yes ☒ No ☐ Size of gravel: 10/20 sand
Gravel placed from ft. to 10 feet

Surface seal: Yes ☒ No ☐ To what depth? 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:

(8) 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.)

(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)


Date of test:

Behavior test: gal./min. with ft. drawdown after hrs.
Anisest: gal./min. with ambw set at ft. for hrs.
Artesian flow: q.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.

Vw #1 MATERIAL FROM TO

Sand gravel & cobbles 0 10

(11) WELL CONSTRUCTOR CERTIFICATION:

I constructed 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: ___________________________
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address: P.O. Box 11095 Spokane WA
(Signed) ___________________________
(WELL DRILLER) License No. 1827

Contractor's Registration No. ___________________________
Date: 2-25 94

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

(1) OWNER: Name Central Pre-mix/Doug Johnson
Address P.O. Box 9575, Yakima, WA 98909

(2) LOCATION OF WELL: County Yakima

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

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

(4) TYPE OF WORK:
- Abandoned
- New well
- Deepened
- Reconditioned
- Well #1
- Diameter of well 6"
- Drilled 60 ft.
- Depth of completed well 60 ft.

(5) DIMENSIONS:
- Diam. from to ft.
- Diam. from to ft.
- Diam. from to ft.
- Diam. from to ft.

(6) CONSTRUCTION DETAILS:
- Perforations: Yes
- 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.

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

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

(9) WELL TESTS:
- Drawdown is the amount water level is lowered below static level
- Yield 85-100 gal./min. with ft. drawdown after hrs.
- Estimated air lift 85-100' GPM
- Flows 40 GPM
- 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>Sand gravel</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Sand gravel cobbles</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Sand gravel cobbles</td>
<td>8</td>
<td>20water</td>
</tr>
<tr>
<td>Cemented gravel</td>
<td>20</td>
<td>28water</td>
</tr>
<tr>
<td>Cemented gravel pea gravel</td>
<td>28</td>
<td>31</td>
</tr>
<tr>
<td>Cemented gravel with clay</td>
<td>31</td>
<td>56</td>
</tr>
<tr>
<td>Sandstone multi colored</td>
<td>56</td>
<td>59water</td>
</tr>
<tr>
<td>Cemented gravel</td>
<td>59</td>
<td>62water</td>
</tr>
</tbody>
</table>

6" Drive shoe utilized

WELL CONSTRUCTOR CERTIFICATION:
I, [Name], [Company], do 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.

[Signature]
[Name]
[Company]
[Address]

[License No.]

[Contractor's Registration No.]

Date

USE ADDITIONAL SHEETS IF NECESSARY
WATER WELL REPORT

STATE OF WASHINGTON

(1) OWNER: Name: Central Pre-mix/Doug Johnson
Address: P.O. Box 9575, Yakima, WA 98909

(2a) LOCATION OF WELL: County: Yakima

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

(3) PROPOSED USE: Domestic ☐ Irrigation ☐ Municipal ☐ Other ☐

(3a) DeWater ☐ Test Well ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) Well #3
Abandoned ☐ New well ☐ Method: Dug ☐ Bored ☐
Deepened ☐ Method: Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well: 6" inches.
Drilled: 41 feet. Depth of completed well: 41 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: Diam. from ______ ft. to ______ ft.
Welded ☐ " Dia. from ______ ft. to ______ ft.
Casing installed: 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.

Screens: Yes ☐ No ☐
Manufacturer's Name:
Type: ______ Model No.: ______
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? ______ ft.
Material used in seal:
Did any strata contain usable 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 ______ ft.
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:

Yield: 250-300 gal./min. with ______ ft. drawdown after ______ hrs.
Estimated air lift 250-300 GPM
" Flows 90 GPM
Recovery time (in minutes) ______
Water level measured from well top to water level ______

Date of test: ______
Bealer test ______ gal./min. with ______ ft. drawdown after ______ hrs.
Air 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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crushed rock</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Sandy clay gravel cobbles</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>Sandy clay gravel cobbles boulders</td>
<td>7</td>
<td>12trac</td>
</tr>
<tr>
<td>Cemented gravel cobbles tan clay</td>
<td>12</td>
<td>28wate</td>
</tr>
<tr>
<td>Cemented gravel</td>
<td>28</td>
<td>33</td>
</tr>
<tr>
<td>Cemented gravel with sand</td>
<td>33</td>
<td>37wate</td>
</tr>
<tr>
<td>Cemented gravel with clay</td>
<td>37</td>
<td>39</td>
</tr>
<tr>
<td>Cemented gravel sandstone</td>
<td>39</td>
<td>41wate</td>
</tr>
</tbody>
</table>

Work started: 2/6/93 19. Completed: 2/7 19 93

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: Ponderosa Drilling & Development, Inc.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address: E. 6010 Broadway Spokane, WA 99212

(Signed) (WELL DRILLER) (License No. 1335)
Contractor's (Steve Mills)
Registration No. (248JE) Date 2/12 1993

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

(1) OWNER: Name: Central Pre-mix/Doug Johnson
Address: P.O. Box 9575, Yakima, WA 98909

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

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

(4) TYPE OF WORK: Owner's number of well (if more than one): Well #2
Abandoned: ☐ New well: ☑ Deepened: ☐ Method: Cable: ☐ Driven: ☐ Reconditioned: ☐ Rotary: ☐ Jetted: ☐

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

(6) CONSTRUCTION DETAILS:
Perforations: Yes ☐ No ☐
Type of perforator used:

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?
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: ft.
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 ☐ No ☐ If yes, by whom?:
Yield: 250-300 gal./min. with: ft. drawdown after: hrs.
Estimated air lift: 250-300 GPM
Pumps 60 GPM
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: Date:
Bailor lift: gal./min. with: ft. drawdown after: hrs.
Airest: 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 strata 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>Crushed rock</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Sand gravel cobbles sandy clay</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>Cemented gravel cobbles</td>
<td>10</td>
<td>12trac</td>
</tr>
<tr>
<td>Sand gravel cemented tan clay</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>Sand gravel</td>
<td>16</td>
<td>19wate</td>
</tr>
<tr>
<td>Cemented gravel cobbles w/tan clay</td>
<td>19</td>
<td>26</td>
</tr>
<tr>
<td>Cemented gravel tan clay</td>
<td>26</td>
<td>31</td>
</tr>
<tr>
<td>Cemented gravel clay</td>
<td>31</td>
<td>33</td>
</tr>
<tr>
<td>Cemented gravel with sandstone</td>
<td>33</td>
<td>40wate</td>
</tr>
</tbody>
</table>

Work started: 2/6/93 Completed: 2/6 19 93

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: Ponderosa Drilling & Development, Inc.
Address: E. 6010 Broadway Spokane, WA 99212
(Signed) [Signature]
License No. 1335
Contractor (WELL DRILLER) (Steve Mills)
Reg. No.: AP ND ET*248JE Date: 2/12 1993

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

1) OWNER: Name: Sarg-Hubbard - Greenway Project 16 North 2nd St Yak 01

2) LOCATION OF WELL: County: Yakima

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 8 inches.
Drilled: 100 ft. Depth of completed well: 100 ft.

6) CONSTRUCTION DETAILS:
Casing installed: 8" Diam. from 4 ft. to 90 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☐ No ☒
Type of perforator used:
SIZE of perforation: 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: 20 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: ft.
Static level: 111.0 ft. below top of well Date:
Artesian water is controlled by:
(Cap, valve, etc.)
Artesian pressure: lbs. per square inch Date:

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:
Salter test: gal./min. with 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.

MATERIAL FROM TO
Boulders gravel sand soil H 0 8
Very large boulders sand and gravel VVH 8 10
Boulders gravel sand VVH 10 20
very very very hard going.
Boulders gravel sand brn VVH 20 80
trace of clay at 54 ft. Water at 20 ft. Water from then on.
Boulders gravel sand brn H 80 90
a lot of water
Sand Boulders gravel VH 90 100

took water sample good no E. coli
Lab test came back negative, no E. coli

Developed well, no smell detected by crew, a trace of sand Ran casing in hole went in fine no tight spots Slight drift to the east.

SWL 11.6
Pumped 12" casing full of cement & mud
Used 11 bags of bentonite (mud)
and 4 bags of cement to seal hole approximately 325 GPM from 60 ft.

(USE ADDITIONAL SHEETS IF NECESSARY)

Work started: 1-24-86 19 Completed: 2-4-86 19

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: RIEBE WELL DRILLING
(Person, firm, or corporation) (Type or print)

Address: 1503 E. Nob Hill Blvd.

[Signature] Drilled by Bob Britton & Steve Jones

License No: 04-22 Date: 2-5-86 19
**WATER WELL REPORT**

**STATE OF WASHINGTON**

(1) **OWNER:** Sarg-Hubbard - Greenway Project 16 No. 2nd St. Yakima NE ¼ SW ¼ Sec.20 T12S R12W

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

Bearing and distance from section or subdivision corner Off freeway & behind Sunfair Chevrolet

---

(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 ___________ Inches. Drilled ___________ ft. Depth of completed well ___________ ft.

(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: ___________. Model No. ___________.

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: ___________. 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: ___________ ft. 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 □ 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of test ___________.

Bailier 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 strata 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>Set 5 ft of 80 slot stainless steel</td>
<td>screen from 85 to 90 ft.</td>
<td></td>
</tr>
<tr>
<td>Installed 5 ft of blank riser pipe</td>
<td>Set 5 ft of 35 slot stainless steel</td>
<td>screen from 95 to 100 ft.</td>
</tr>
<tr>
<td>Developed well. Water is clean and clear. Pulled steel.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This well is cased with 83 ft of 8" 322 heavy wall casing weighing 28.55 lbs per foot. With shoe. Then from 81 ft. a K-packer is set and riser (blank) pipe to 85 ft. 85 to 90 is screen 90 to 95 is blank riser pipe 95 to 100 is screen.

Total depth of well is 100 ft.

---

(11) **RECEIVED**

APR 9 1986

DEPARTMENT OF ECOLgy
CENTRAL REGION OFFICE

Work started 2-25-86. Completed 2-26-86.

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 ___________.

(Well Driller)

Address ___________.

License No. 0043 Date: 3/4/86 Drilled by Bob Britton & Steve Jones
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name L.E.L. BUILDING
Address 405 E LINCOLN AVENUE

(2) LOCATION OF WELL: County YAKIMA

(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:
Drilled... 65 ft. Diameter of well 8 inches.
Depth of completed well... 65 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 8" Diam. from 1 ft. to 60 ft.
Threaded [ ] Diam. from ft. to ft.
Welded [ ] Diam. 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.
perforations from ft. to ft.

Screens: Yes [ ] No [ ]
Manufacturer's Name...
Type...
Diam. Slot size...
Diam. Slot size...
Gravel packed: Yes [ ] No [ ] Size of gravel...
Gravel placed from ft. to ft.
Surface seal: Yes [ ] No [ ] To what depth?...
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...

(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 [ ] 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...
After test... 300 gal/min. with ft. drawdown after 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>RIVER ROCK &amp; SILT</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>RIVER ROCK, SILT &amp; WATER</td>
<td>20</td>
<td>34</td>
</tr>
<tr>
<td>RIVER ROCK &amp; WATER</td>
<td>34</td>
<td>40</td>
</tr>
<tr>
<td>COARSE SAND &amp; WATER</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>GRAVEL &amp; WATER</td>
<td>50</td>
<td>65</td>
</tr>
</tbody>
</table>

Work started... 9/22/... 1981. Completed... 1/30... 1982

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 VERNON L. RANK
(Person, firm, or corporation) (Type or print)
Address 5503 AHATUM RD... YAKIMA... WA 98903

[Signed] [SEE ATTACHED COPY] (Well Driller)
License No. 0854 Date 1/30... 1982

(USE ADDITIONAL SHEETS IF NECESSARY) EP728-82
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Thermax Inc.
Address 12244 N, 1st St., Yakima, Wa.

LOCATION OF WELL: County Yakima
Bearing and distance from section or subdivision corner

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

TYPE OF WORK:
Owner's number of well [ ]
New well [ ] Method: Dug [ ] Bored [ ]
Deepened [ ] Cable [ ] Driven [ ]
Reconditioned [ ] Rotary [ ] Jetted [ ]

DIMENSIONS:
Drilled [65 ft.] Diameter of well [8 inches]
Depth of completed well [65 ft.]

CONSTRUCTION DETAILS:
Casing installed: 8" Diam. from [Yard] ft. to [60] ft.
Threaded [ ] Welded [ ]
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 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? 20 ft.
Material used in seal:
Did any strata contain unusable water? Yes [ ] No [ ]
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: 12 ft.
Static level [ ] ft. below top of well Date 1/30/82
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.

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: Vernon L. Rank
Address: 5503 Ahtanum Rd., Yakima, Wa. 98903

[Signature] Vernon L. Rank
(Well Driller)

License No. 0854 Date 1/30/82

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

**STATE OF WASHINGTON**

**OWNER:** Name: ARCO  
Address: 914 N. First St. Yakima WA

**LOCATION OF WELL:** County: YAKIMA

**STREET ADDRESS OF WELL:** NE 4 Sec. 13 T. 13 N. R. 18 W. M.

**PROPOSED USE:**  
- [ ] Domestic  
- [ ] Irrigation  
- [ ] Municipal  
- [ ] Other

**TYPE OF WORK:**  
- [ ] Abandoned  
- [ ] New well  
- [ ] Deepened  
- [ ] Reconditioned  
- [ ] Other

**DIMENSIONS:**  
- Diam of well: 8" inches.  
- Drilled: 25 feet.  
- Depth of completed well: 25 ft.

**CONSTRUCTION DETAILS:**  
- Casing installed:  
- Welded  
- Liner installed  
- Perforations:  
- Yes  
- No  
- Size of perforations:  
- In. by  
- Size of gravel:  
- Gravel placed from:  
- Surface seal:  
- Material used in seal:  
- Cement  
- Material used in seal:  
- Depth of strata:  
- Method of sealing strata:  

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

**WATER LEVELS:**  
- Land-surface elevation:  
- above mean sea level:  
- Static level:  
- ft. below top of well:  
- 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.  
- Recovery data (time taken as zero when pump turned off) (water level measured from top to water level):  
- Time:  
- Water Level:  
- Time:  
- Water Level:  
- Date:  
- Artesian flow:  
- g.p.m.  
- Date:  
- Temperature of water:  
- Was a chemical analysis made? Yes  
- No

**WELL CONSTRUCTOR CERTIFICATION:**  
- I, [name], do 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.

- Name: [Name]  
- Address: 4401 N. Monroe Suite 24  
- Phone:  
- License No:  
- Type or Print:  
- (WELL DRILLER)

- Contractor's Registration No:  
- Date:  
- (USE ADDITIONAL SHEETS IF NECESSARY)
**WATER WELL REPORT**

**STATE OF WASHINGTON**

---

**OWNER:**

Name: Arco

Address: 914 N. First St. Yakima, WA

**LOCATION OF WELL:**

County:

Street Address: 914 N. First St.

**STREET ADDRESS OF WELL:**

(2a) Raw data:

**PROPOSED ADDRESS OF WELL:**

(2a) Raw data:

**STREET ADDRESS OF WELL:**

(2a) Raw data:

**PROPPOSED USE:**

☐ Domestic ☐ Irrigation ☐ Industrial ☐ Municipal ☐ DeWater ☐ Test Well ☐ Other

**TYPE OF WORK:**

Owner's number of well (if more than one) MWD 3

Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐ Drilled ☐ Rotated ☐ Reconditioned

**DIMENSIONS:**

Diameter of well: 6 in.

Depth of completed well: 25 ft.

**CONSTRUCTION DETAILS:**

Casing installed: 60 ft. Diam. from 0 to 25 ft.

Welded ☐ Liner installed ☐ Depth of completion: 25 ft.

Threaded ☐ Perforations: Yes ☐ No ☒

SIZE of perforations: in. by in.

Perforations from to ft. Perforations from to ft. Perforations from to ft.

Screens: Yes ☐ No ☒

Manufacturer's Name: Jovan

Type: HVC Model: No.

Diam.: Slot size: 20 from 10 to 25 ft.

Diam.: Slot size: from 20 to 25 ft.

Gravel packed: Yes ☐ No ☐ Size of gravel: 4 in.

Gravel placed from 25 ft. to 25 ft.

Surface seal: Yes ☐ No ☐ To what depth? 25 ft.

Material used in seal: Cement

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:

Anesian pressure: lbs. per square inch Date:

Anesian 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.

---

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.

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

Anesian flow: g.p.m. 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 the best of my knowledge and belief.

NAME: Allee P. Dico Corp

Address: 400 A Monument Suite 214

(Signed) Allee P. Dico Corp (WELL DRILLER)

License No. 1509

Contractor's Registration No. WEDC 4784 Date 3-6-1988 (USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Name: ARCO
Address: 914 N. FIRST STREET YAKIMA, WA

LOCATION OF WELL: County: YAKIMA

STREET ADDRESS OF WELL (or nearest address):

PROPOSED USE:
- Domestic ☐
- Irrigation ☐
- Water Supply ☐
- Municipal ☐
- Other ☐

TYPE OF WORK:
- Owner's number of well: MW 0 2
- Abandoned ☐
- New well ☐
- Method: Dug ☐
- Drilled ☐
- Deepened ☐
- Cable ☐
- Drive ☐
- Recommissioned ☐
- Rotary ☐
- Jetted ☐

DIMENSIONS:
- Diameter of well: 6 inches
- Depth of completed well: 25 ft

CONSTRUCTION DETAILS:
- Casing installed: L 0 ft. to 25 ft
- Washed ☐
- Liner installed ☐
- Threaded ☐
- Perforations: Yes ☐
- Type of perforator used: JOHNSON
- Size of perforations: in. by in.
- Depths of perforations from ft. to ft.

SCREENS:
- Manufacturer's Name: JOHNSON
- Type: PVC
- Diam.: in.
- Slot size: 3/8 in.

GRAVEL:
- Gravel packed: Yes ☐
- Size of gravel: 1/2 in.
- Gravel placed: 0 ft. to 25 ft

SUMP:
- Surface seal: Yes ☐

WATER LEVELS:
- Land-surface elevation: ft.
- Static level: 17 ft. below top of well

ARTESIAN WATERS:
- Artesian pressure: lbs. per square inch
- Artesian water is controlled by:

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

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: ALLBURY WELLS, INC.
Address: 400 N. MEAD STREET SUITE 114

LICENSE NO: 1507

Contractor's Registration No: 1616-1940

Date: 3-6-19
FILE ORIGINAL AND FIRST COPY WITH DEPARTMENT OF ECOLOGY
SECOND COPY—OWNER'S COPY
THIRD COPY—DRILLER'S COPY

WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: Arco
Address: 914 N. First Street, Yakima, WA

(2a) LOCATION OF WELL: County: 

(2b) STREET ADDRESS OF WELL (or nearest address): 

(3) PROPOSED USE: Domestic □ Irrigation □ GeoWater □ Test Well □ Other □

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

Method: Deg □ Cable □ Rotary □ Jetted □

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

(6) CONSTRUCTION DETAILS:
Casing installed: □ Diam. from feet to feet.
Welded □ Length: feet.
Threaded □ Length: feet.

Perforations: Yes □ No □ Type of perforator used: 
SIZE of perforations: in. by in.

Screens: Yes □ No □ Manufacturer's Name: Johnson
Type: □ Model:  
Diam.: ft.
Slot size: in.
Gravel packed: Yes □ No □ Size of gravel: ft.
Gravel placed from: feet to feet.

Surface seal: Yes □ No □ To what depth: feet.
Material used in seal: 
Did any strata contain unusable water? Yes □ No □ Type of water:

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

(8) WATER LEVELS:
Static level: feet, below top of well, Date:
Artesian pressure: lbs. per square inch, Date:

Artesian water is controlled by: 

(9) WELL TESTS:
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 ft. drawdown after hrs.
Arttest gal./min. with atm. 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

AGGLOM
Silty sand
Sandy coals or sandstones
Sandy gravel

(USE ADDITIONAL SHEETS IF NECESSARY)
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: ABO
WELL IDENTIFICATION NO: Abo C
DRILLING METHOD: Crawler Rotary
DRILLER: Michael
FIRM: Cascade Drilling, Inc.
SIGNATURE: Michael
CONSULTING FIRM: Pacific Env
REPRESENTATIVE: Les Brewer

COUNTY: Kittitas
LOCATION: W64 T34S R13E Sec 13 SW4
STREET ADDRESS OF WELL: 9121 W First St
WATER LEVEL ELEVATION: N/A
GROUND SURFACE ELEVATION: N/A
INSTALLED: Cluster Well
DEVELOPED: N/A

AS-BUILT

WELL DATA

FORMATION DESCRIPTION

WELL COVER
CONCRETE SURFACE SEAL
DEPTH = 1 ft.
PVC BLANK 2"x7.5'
PVC BLANK 2"x335'
BACKFILL - 5 ft.
TYPE: Bentonite chips

PVC SCREEN N/A
SLT SIZE: 0.040
Backfill 12 ft.
TYPE: Bentonite chips

PVC SCREEN 2"x1.5'
SLT SIZE: 0.020

GRANULAR PACK 5 ft.
MATERIAL: 3/4 sand

WELL DEPTH 35'
<table>
<thead>
<tr>
<th>AS-BUILT</th>
<th>WELL DATA</th>
<th>FORMATION DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WELL COVER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CONCRETE SURFACE SEAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DEPTH = 1 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC BLANK 2&quot;x7.5&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC BLANK 2&quot;x3.5&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BACKFILL 5 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TYPE: Bentonite chips</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC SCREEN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SLOT SIZE:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gravel Pack 17 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Type: ¾ gravel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC SCREEN 2&quot;x3.5&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SLOT SIZE:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backfill 12 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Type: Bentonite chips</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC SCREEN 2&quot;x1.5&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SLOT SIZE:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gravel Pack 5 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATERIAL: ½&quot; sand</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WELL DEPTH 35&quot;</td>
<td></td>
</tr>
</tbody>
</table>

SCALE: 1" = ___________  
PAGE ______ OF _______
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: ARCO
WELL IDENTIFICATION NO.: M.W. 3
DRILLING METHOD: Car rotary
DRILLER: Michael Getzert
FIRM: Cascade Drilling, Inc.
SIGNATURE: Michael Getzert
CONSULTING FIRM: Pacific Fair
REPRESENTATIVE: Less Brewer

COUNTY: Yakima
LOCATION: NE 1/4 Sec 15, Twn 13 N, R 15 E
STREET ADDRESS OF WELL: 912 N First St
Yakima
WATER LEVEL ELEVATION: N/A
GROUND SURFACE ELEVATION: N/A
INSTALLED: Cluster well
DEVELOPED: No

AS-BUILT

WELL DATA

FORMATION DESCRIPTION

WELL COVER
CONCRETE SURFACE SEAL
DEPTH = 1/ft.
PVC BLANK 3/4” x
PVC BLANK 2” x
PVC BLANK 2” x 3’
BACKFILL 4’ ft.
TYPE: Bentonite chips
PVC SCREEN NA x
SLOT SIZE:
Gravel pack 15 ft.
Type pea gravel
PVC SCREEN 2” x 2’
SLOT SIZE: 0.20
Backfill 8 ft.
Type Bentonite chips
PVC SCREEN 2” x 1’
SLOT SIZE: 0.20

GRAVEL PACK 5 ft.
MATERIAL: 3/4” sand
WELL DEPTH 33’

0 - 5 ft.
Silty clay

5 - 33 ft.
Gravel & Ca3SiO5

SCALE: 1” = _______
## RESOURCE PROTECTION WELL REPORT

**PROJECT NAME:** AECO

**WELL IDENTIFICATION NO.:** C00-1

**DRILLING METHOD:** Air rotary

**DRILLER:**

**SIGNATURE:**

**CONSULTING FIRM:**

**REPRESENTATIVE:**

**JOB #:** 133711

**START CARD NO.:** 077272

**COUNTY:**

**CITY:**

**LOCATION:** NE 1/4 SE 1/4

**SEC.:** 13

**TOWN:** 13N

**RANGE:** 18E

**WATER LEVEL ELEVATION:**

**INSTALLED:** 3/15/82

**DEVELOPED:**

---

### WELL DATA

<table>
<thead>
<tr>
<th>Well Data</th>
<th>AS BUILT</th>
<th>FORMATION DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**SCALE:** 1" = __________

**PAGE ________ OF ________**
Monitoring Well Installation Report - Boring

Project: [Project Name]  
Job No.: [Job Number]  
Date: [Date]

Location: [Location]  
HC Observer: [HC Observer Name]  
Driller: [Driller Name]

Type of Well (Observation, Sampling, etc.): [Type of Well]

Soil Log  
Depth of Components in Feet

Stick up Location on Casing

Approximate Ground Surface Elevation In Feet

Type of Surface Seal

ID of Riser Pipe: 6"  
Type of Riser Pipe: [Type of Riser Pipe]  
Type of Connection: [Type of Connection]  
Type of Backfill around Riser: [Type of Backfill]

Diameter of Borehole: 12"

Type of Tip: [Type of Tip]  
Screen Size or Type: [Screen Size or Type]  
Type of Filter Material: [Type of Filter Material]
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Chevon
Address: P.O. Box 220, Seattle

LOCATION OF WELL: County Yakima
STREET ADDRESS OF WELL: N 5th Ave. + Lincoln Yakima

PROPOSED USE: Domestic
TYPE OF WORK: Owner's number of well [Mw-1]

DIMENSIONS: Diameter of well 4 inches.
Drilled 20 feet. Depth of completed well 20 ft.

CONSTRUCTION DETAILS:
Casing installed: __
Welded: __
Linear-installed: __
Threaded: X

Perforations: Yes [ ] No [x]
Type of perforators used: __
SIZE of perforations: in. by in.
perforations from ft. to ft.

screens: Yes [ ] No [x]
Manufacturer's Name: AARDVARK
Type: PVC
Model No: __
Diam: 4" Slot size: 0.20 from 20 ft. to 6 ft.
Diam: 3" Slot size: from ft. to ft.
Gravel packed: Yes [ ] No [x]
Size of gravel: 8-12
Gravel placed from 20 ft. to 3 ft.

Surface seal: Yes [x] No [ ] To what depth? 3 ft.
Material used in seal: Enviro-plug
Did strata contain usable water? Yes [ ] No [x]
Type of water: Test
Depth of strata: 13 ft.
Method of sealing strata off: __

PUMP: Manufacturer's Name: __
Type: __

WATER LEVELS: Land-surface elevation above mean sea level: __
Static level: 13 ft. below top of well Date: 1-7-92
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 [x]
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.
Artes: gal./min. with strem at ___ ft. for ___ hrs.
Artesian flow: gpm. Date: ___
Temperature of water: __
Was a chemical analysis made? Yes [ ] No [x]

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: R & R Drilling Inc
ADDRESS: P.O. Box 555, Puyallup, WA 98371

(Signed) [ ]
WELL DRILLER: [ ]
License No: 1473

Contractor's Registration No: [ ] Date: 1-7-92

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

OWNER: Name: CHEVRON
Address: P.O. Box 220 Seattle

(2) LOCATION OF WELL: County: Yakima
(2a) STREET ADDRESS OF WELL (or nearest address): N 5th Ave + Lincoln Yakima

(3) PROPOSED USE: Domestic Irrigation Domestic Water Test Well Other

(4) TYPE OF WORK: Owner's number of well (more than one) HW-2
Abandoned New well Method: Dug Bored Other
Deepened Reconditioned

(5) DIMENSIONS: Diameter of well 4 inches.
Drilled Diameter: 20 ft. Depth of completed well: 20 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 4 Diam. from 0 ft. to 20 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: AARDVARK
Type: PVC Model No.
Diam Slot size Diam from ft. to ft.
Gravel packed: Yes No Size of gravel 5-12
Gravel placed from ft. to 3 ft.

Surface seal: Yes No To what depth? ft.
Material used in seal
Did any strata contain unusable water? Yes No
Type of water? Test Depth of strata 13 ft.
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type:

(8) WATER LEVELS: Land-surface elevation above mean sea level
Static level 13 ft. below top of well Date 1-17-92
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 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 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
Asphalt
Crushed Rock 3' 3' 1'
Silty Sand (Med) + Gravel 1' 5'
Gravel w/Med Brown Sand 5' 20'

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 R&L Drilling Inc
Address P.O. Box 555 P.O. Box 555

(Signed) Bob Lee Stringer (WELL DRILLER)
License No 1473
Contractor's Registration No. 1009210011 Date 1-7-92

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

STATE OF WASHINGTON

Owner: Name: O'NEILLEN
Address: P.O. BOX 220 SEATTLE

Location of Well: County: YAKIMA
STREET ADDRESS OF WELL (or nearest address): N 5TH AVE + LINCOLN YAKIMA

Proposed Use: Domestic

Type of Work: Owner's number of well (if more than one): HW-3

Abandoned

New well

Method: Dig

Deepest

Cable

Rotary

Reconditioned

Driven

Jetted

Dimensions: Diameter of well: 4½ inches

Drilled: 20 feet. Depth of completed well: 20 feet.

Construction Details:

Casing installed: Diam. from to ft.

Welded

Liner installed: Diam. from to 20 ft.

Perforations: Yes

Type of perforator used: \_

Size of perforations: in. by in.

Screens: Yes

Manufacturer's Name: HARDY

Type: ZV

Slot size: 20 ft. to 60 ft.

Diam. slot size: ft.

Gravel packed: Yes

Size of gravel: 3 - 12.

Gravel placed from 20 ft. to 3 ft.

Surface seal: Yes

To what depth? 3 ft.

Material used in seal: Envi. Plug

Did any strata contain unseable water? Yes

Type of water: TEST

Depth of strata: 13 ft.

Method of sealing strata off

Pump: Manufacturer's Name

Type

Water Levels:

Static level: 13 ft. below top of well

Artesian pressure: lbs. per square inch

Artesian water controlled by

WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes

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 Time Water Level Time Water Level

Date of test

Bailor test: gal./min.

ft. drawdown after hrs.

Airstest: gal./min.

ft. for hrs.

Artesian flow: g.p.m.

Date

Temperature 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: R&R DRILLING INC.

Address: P.O. BOX 555 PAYPAH 98371

(Signed) RODNEY L. LEETHE License No. 1473

Contractor's Registration No. 322R #58618

Date 1-3, 1992

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

OWNER: /Nome - CMEZEO
Address: P.O. Box 220 Seattle

(2) LOCATION OF WELL: County - Yakima
(2a) STREET ADDRESS OF WELL (or nearest address): N. 5th Ave. + Lincoln, Yakima

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

(4) TYPE OF WORK: Owner's number of well (if more than one) - MW - 4
Abandoned □ New well □ Method: Dug □ Bored □ Reconditioned □ Deepened □ Cable □ Rotary □ Jettied □

(5) DIMENSIONS: Diameter of well - 4" inches, Drilled 20 feet, Depth of completed well - 20 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: Yes □ No □ Diam. from ft. to ft.
Welded □ Lined □ 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.

Screens: Yes □ No □
Manufacturer's Name: AARDVARK
Type - PVC □ Model No.
Diam. 4" Slot size: 0.20 from ft. to ft.
Diam. Slot size: from ft. to ft.
Gravel packed: Yes □ No □ Size of gravel 8-12
Gravel placed from ft. to ft.

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

(7) PUMP:
Manufacturer's Name: 

(8) WATER LEVELS:
Type: H.P.
Static level: ft. below top of well Date: 1-9 ft.
Artesian pressure: lbs. per square inch Date:
Artesian water is controlled by:

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

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

Date of test:

Sailor test: gal./min. with ft. drawdown after hrs.
Artesian test: gal./min. with stem set at ft. for hrs.
Artesian flow: p.p.m. 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 the best knowledge and belief.

NAME: R & R Drilling Inc
Address: P.O. Box 555 Puyallup, 98371

(Signed) Robert E. Lillich License No. 1973
WELL DRILLER
Contractor's Registration No. DECLARED 10-3 Date 1-9, 1992

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

**OWNER:** Name: CHEVREON  
Address: P.O. Box 220, Seattle

**LOCATION OF WELL:**  
- County: Yakima  
- Street Address: NW 5th Ave, Lincoln, Yakima

**PROPOSED USE:**  
- Domestic  
- Irrigation  
- Municipal  
- DeWate  
- Test Well  
- Other

**TYPE OF WORK:**  
- Abandoned  
- New well  
- Deepened  
- Reconditioned  
- Dial:  
- Cable:  
- Rotary:  
- Jetted:  

**DIMENSIONS:**  
- Diameter of well: 4 inches  
- Drilled: 20 feet  
- Depth of completed well: 20 ft

**CONSTRUCTION DETAILS:**  
- Casing installed: 
- Length: ft. to ft.  
- Diameter: in.  
- Welded:  
- Liner installed: 
- Length: ft. to ft.  
- Diameter: in.  
- Perforations:  
- Yes  
- No  
- Type of perforator used: 

**Screens:**  
- Yes  
- No  
- Manufacturer's Name: HARDWARK  
- Model No: 
- Diameter: ft. to ft.  
- Length: ft.  
- Slot size: in.  
- Gravel packed: Yes  
- No  
- Size of gravel: 3 - 12

**WATER LEVELS:**  
- Land-surface elevation:  
- Above mean sea level:  
- Static level: 13 ft. below top of well  
- Date: 1-9-92  
- Artesian water pressure: lbs., per square inch  
- Date:  

**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:  
- Water Level:  
- Time:  
- Water Level:  
- Time:  
- Water Level:  

**WELL CONSTRUCTOR CERTIFICATION:**  
- Name: R. R. DRILLING TEE  
- Address: P.O. Box 220, Seattle

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

OWNER: Union Gospel Mission
Address: 135 Front St, Yakima WA 98901

LOCATION OF WELL: County: Yakima
Street Address: 506 NE 4th Ave.

PROPOSED USE: N/A

TYPE OF WORK: N/A

DIMENSIONS: Diameter: 36 x 36 inches
Depth: 24 ft

CONSTRUCTION DETAILS:
Casing installed: Concrete 36" x 36"
Diam: from 0.0 ft to 1.0 ft
Weired: Diameter: from 0.0 ft to 1.0 ft
Liner Installed: Diameter: from 0.0 ft to 1.0 ft
Threaded: Diameter: from 0.0 ft to 1.0 ft
Perforations: Yes [X] No
Type of perforator used
Size of perforations

Screens: Yes [X] No
Manufacturer's Name
Type
Model No.
Diam: from 0.0 ft to 1.0 ft
Slot size: from 0.0 ft to 1.0 ft
Gravel packed: Yes [X] No
Size of gravel
Gravel placed from 0.0 ft to 1.0 ft
Surface seal: Yes [X] No
To what depth?
Material used in seal
Did any strata contain unusable water? Yes [X] No
Type of water
Depth of strata
Method of sealing strata off

PUMP: Manufacturer's Name N/A
Type

WATER LEVELS:
Land-surface elevation above mean sea level ft: 12
ft below top of well Date: 2/19
Artesian pressure lbs per square inch Date:
Artesian water is controlled by (cap, valve, etc.)

WELL TESTS:
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 ft: drawdown after hrs.
A test gal/min with stem set at ft for hrs.
Artesian flow ____________ p.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: Bradley J. Card
Address: 120 W. Lincoln Ave, Yakima WA 98901

(Signed) Bradley J. Card License No. 1694
Contractor's Registration No. HENLER2005 Date 2/3, 1994

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

**STATE OF WASHINGTON**

**OWNER:** U.S. Bank  
**Address:** 504 W. Yakima Ave, Yakima, WA

**LOCATION OF WELL:** County: Yakima  
**Street Address:** 504 W. Yakima Ave, Yakima, WA

**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><strong>MATERIAL</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reef Gravel (Backfill) 0'-6'</td>
</tr>
<tr>
<td>Madison Top Fine Sand (Main) 8'-12'</td>
</tr>
<tr>
<td>Silt (Lateral) 8'-12'</td>
</tr>
<tr>
<td>Grassed and Small Gravel 12'-18'</td>
</tr>
</tbody>
</table>
| Coarse Sand (Wet)  

**PUMP:** Manufacturer's Name: Johnson  
**Model:** PNC

**WELL CONSTRUCTOR CERTIFICATION:**

I, [Name], hereby certify that the well was constructed in accordance with all applicable codes, standards, and regulations. The materials used and the information reported above are true to the best of my knowledge and belief.  

**NAME:** Mark E. Kemmis  
**Address:** 4328 S. Post, Spokane WA

**LICENSE NO.:** 2068

---

**WATER LEVELS:**

<table>
<thead>
<tr>
<th>Static level</th>
<th>9-8'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>9-4-92</td>
</tr>
<tr>
<td>Artesian pressure</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**WELL TESTS:**

- **Drawdown:** Is the amount water level is lowered below static level
- **Yield:** gal/min. with hours.
- **Recovery data:** (time taken as zero when pump turned off) (water level measured from well top to water level)
- **Date of test:** N/A
- **Date of test:** 9-1-92
- **Barley test:** N/A  
- **Air test:** N/A  
- **Artesian flow:** N/A  
- **Temperature of water:** 62°F

---

**USE ADDITIONAL SHEETS IF NECESSARY**
(1) OWNER: Name: Denten Associates
Address: 315 So. Holton, Suite 201, Yakima, WA

(2) LOCATION OF WELL: County: YAKIMA

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

(4) TYPE OF WORK: Number of wells: 2
New well ☐ Method: Dug ☐ Bored ☐ Drilled ☐ Reconditioned ☐
Depended ☐ Table ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS:
Diameter of well: 6.5 inches
Drilled: 240 ft
Depth of completed well: 220 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from 3 ft. to 205 ft.
Threaded ☐ Diam. from 20 ft. to 20 ft.
Welded ☐ Diam. from 20 ft. to 20 ft.
Perforations: Yes ☑ No ☐
Type of perforator used: KILLS KNIFE
Size of perforations: 3/8" Bore, 3/4" in.

(7) PUMP: Manufacturer's Name: Jacuzzi
Type: Submersible
HP: 3

(8) WATER LEVELS: Land-surface elevation 1050
Above mean sea level.

date level below top of well: Date 12/22/82
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
for a given test made? Yes ☐ No ☑
If yes, by whom?
Test: unknown

drawdown after: Time

(10) WELL LOG:

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL # 1 SOURCE WELL</td>
<td>50</td>
<td>60</td>
</tr>
<tr>
<td>BROWN SANDY CLAY &amp; DEC. ROCK</td>
<td>60</td>
<td>70</td>
</tr>
<tr>
<td>BLACK COURS, SAND NO. WATER</td>
<td>70</td>
<td>75</td>
</tr>
<tr>
<td>SANDSTONE (WTR 20 GPM)</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>CEMENT GRAVEL</td>
<td>80</td>
<td>115</td>
</tr>
<tr>
<td>LAYERD HD. BR. CLAY &amp; GRAVEL</td>
<td>115</td>
<td>117</td>
</tr>
<tr>
<td>V. HB RED ROCK BASALT</td>
<td>117</td>
<td>120</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL SM WTR (6 GPM)</td>
<td>120</td>
<td>137</td>
</tr>
<tr>
<td>RED ROCK &amp; GRAVEL V. HD.</td>
<td>137</td>
<td>155</td>
</tr>
<tr>
<td>GRAVEL &amp; SAND 6 GPM</td>
<td>155</td>
<td>160</td>
</tr>
<tr>
<td>RED ROCK &amp; GRAVEL HD. &amp; TH.</td>
<td>160</td>
<td>175</td>
</tr>
<tr>
<td>CEMENT GRA VEL</td>
<td>175</td>
<td>180</td>
</tr>
<tr>
<td>RED ROCK &amp; GRAVEL NO WATER</td>
<td>180</td>
<td>194</td>
</tr>
<tr>
<td>SANDSTONE &amp; GRAVEL &amp; GPM</td>
<td>194</td>
<td>196</td>
</tr>
<tr>
<td>CEMENT GRAVEL</td>
<td>196</td>
<td>205</td>
</tr>
</tbody>
</table>

INJECTION WELL SOME WHAT SIMILAR EXCEPT IT WAS A BETTER PRODUCER 40' STATIC BOTH WELLS APROX. 100' APART.

(11) WELL DRILLER'S STATEMENT:
This well was drilled upon my supervision and this report is true to the best of my knowledge and belief.

NAME: RICHARD W. SKINNER

Address: YAKIMA, WASH.

Signed: D.B. TAYLOR & TAT

Well Driller's License No. 621

Date: 12/29/82
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name:  YAKIMA  YAKIMA  Address: 864 1/2 S 2 C

LOCATION OF WELL: County:  YAKIMA

(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  6 7/8 inches.
Drilled  3 1/2 ft.  Depth of completed well 6 1/2 ft.

(6) CONSTRUCTION DETAILS:
Casing installed  10 7/8" Diam. from 4 1/2 ft. to 6 1/2 ft.
Threaded □  Diam. from  5 1/2 ft. to  7 ft.
Welded □  Diam. from  6 1/2 ft. to  8 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  HYDRA-LINER
Type  R  Model No.  T  
Diam. Slot size  3 5/8" from 8 3/4 ft. to 9 7/8 ft.
Diam. Slot size  3 1/2" from 10 1/8 ft. to 12 ft.

Gravel packed:
Yes  □  No  □
Size of gravel  1 1/2"
Gravel placed from 8 7/8 ft. to 12 ft.

Surface seal: Yes  □  No  □
To what depth?  17 1/2 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  (Cap, valve, etc.)
Type: ____________________________

(8) WATER LEVELS:
Land-surface elevation above mean sea level  21 1/2 ft.
Static level  19 1/2 ft. below top of well Date 3/16/66
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 ____________________________
Boiler test:  gal/min. with  ft. drawdown after  hrs.
Artesian flow ____________________________
Temperature of water ____________________________
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:  (Person, firm, or corporation)  L. W. F. WILSON
Address:  178-75 N E. WILSON ST  L. W. F. WILSON
(Signed)  (Well Driller)

License No.  YAKIMA  Date 7/25  19 36

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

STATE OF WASHINGTON

(1) OWNER: Name: [Name]

LOCATION OF WELL: County: [County]

Address: [Address]

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

TYPE OF WORK: Owner's number of well: [Number]

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

DIMENSIONS:

Diameter of well [Diameter] inches.


CONSTRUCTION DETAILS:

Casing installed: " [Diam.] ft. from [From] ft. to [To] ft.

Threaded □ " Diam. from [From] ft. to [To] ft.

Weled □ " Diam. from [From] ft. to [To] ft.

Perforations:

Yes □ No □ Type of perforator used.


perforations from [From] ft. to [To] ft.

perforations from [From] ft. to [To] ft.

perforations from [From] ft. to [To] ft.

Screens:

Yes □ No □ Manufacturer's Name: [Name]

Model No. [Model]

Type: [Type]

Diam. Slot size from [From] ft. to [To] ft.

Diam. Slot size from [From] ft. to [To] ft.

Gravel packed: Yes □ No □ Size of gravel:

Gravel placed from [From] ft. to [To] ft.

Surface seal: Yes □ No □ To what depth? [Depth] ft.

Material used in seal: [Material]

Did any strata contain unusable water? Yes □ No □

Type of water? [Type]

Depth of strata [Depth]

Method of sealing strata off:

(7) PUMP:

Manufacturer's Name: [Name]

Type: [Type]

(8) WATER LEVELS:

Land surface elevation [Height] ft. below mean sea level... [Height] ft.

Static level [Height] ft. below top of well. [Height] ft.

Artesian pressure [Pressure] lbs. per square inch.

Artesian water is controlled by: [Control]

(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... [Yield] ft. drawdown after... [Time] 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... [Yield] ft. drawdown after... [Time] 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 layers 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

Coarse gravel and sand [Layer] 0 [Layer] 4

Coarse gravel and sand [Layer] 4 6 1/2 [Layer] 17

Coarse gravel and sand [Layer] 17 8 [Layer] 19

RECEIVED

DEPARTMENT OF GEOL.

CENTRAL REGION

Work started: [Date] Completed: [Date] 19 12 19

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: [Name] (Person, firm, or corporation) (Type of print)

Address: [Address] [City] [State] [Zip Code]

[Signed]: [Signature] (Well Driller)

License No.: [License] Date: [Date] 19 12 19

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

(1) OWNER: Name __________________________ Address __________________________

LOCATION OF WELL: County __________________________

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

(3) METHOD OF WORK: New well ☐ Drilled ☐ Renovated ☐

(4) TYPE OF WORK: Method: Drilled ☐ Bored ☐ Cased ☐ Driven ☐ Revised ☐

(5) DIMENSIONS: Diameter of well __________ Inches. Drilled ______ feet. Depth of completed well ______ feet.

(6) CONSTRUCTION DETAILS:
Casing installed: ______ ft. 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 __________________________
Model No. __________________________
Diam. ______ ft. Slot size ______ ft. to ______ ft.
Diam. ______ ft. 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 __________________________ ft.

Did any strata contain unusable water? Yes ☐ No ☐
Type of water __________________________
Depth of strata __________________________
Method of sealing strata __________________________

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

(8) WATER LEVELS: Land-surface elevation __________ ft. below top of well.

Static level __________________________ ft. above mean sea level.

Artesian pressure __________________________ lbs. per square inch.

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)

<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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of test __________________________ g.p.m. Date __________________________

Bailer test: __________________________ gal/min. with __________________________ ft. drawdown after __________________________ 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></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 __________________________
Address __________________________

[Signature] __________________________ (Well Driller)

License No. __________________________ Date __________________________

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

(1) OWNER: Name

LOCATION OF WELL: County

(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: Drilled [ ] Bored [ ]

Deepened [ ] Cable [ ] Driven [ ]

Reconditioned [ ] Rotary [ ] Jetted [ ]

(5) DIMENSIONS:
Diameter of well: [ ] inches.

Drilled: [ ] ft. Depth of completed well: [ ] ft.

(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.

Screening: Yes [ ] No [ ]

Manufacturer's Name: [ ]

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: [ ]

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: [ ] HP.

(8) 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.)

(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 Description: 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

Work started: [ ] Completed: [ ]

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: [ ] (Person, firm, or corporation) (Type or print)

Address: [ ]

[ ] (Signed) (Well Driller)

License No. [ ] Date: [ ]

(USE ADDITIONAL SHEETS IF NECESSARY)
## Environmental Well Report

**Project Name:** Yakima Chevron 520-37.01  
**Well Identification No.:** A 685  
**Drilling Method:** Hollow Stem Auger  
**Driller:** Tom Banta  
**Firm:** Hayes Drilling, Inc.  
**Consulting Firm:** Pacific Environ. Group  
**Representative:** Katie Robertson

### AS BUILT

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-1'</td>
<td>Concrete seal</td>
</tr>
<tr>
<td>1'-20'</td>
<td>Abandoned w/ Cement grout from top down</td>
</tr>
<tr>
<td>5'</td>
<td>Hydrated Bentonite chips</td>
</tr>
<tr>
<td>10'</td>
<td>Pressure grouted from top down</td>
</tr>
<tr>
<td>15'</td>
<td></td>
</tr>
<tr>
<td>20'</td>
<td></td>
</tr>
</tbody>
</table>

### WELL DATA

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-3'</td>
<td>Dark brown silty sand w/ gravel</td>
</tr>
<tr>
<td>3'</td>
<td>Brown fine gravel w/cobbles sand &amp; silt</td>
</tr>
</tbody>
</table>

### FORMATION DESCRIPTION

**Received:** Apr 13 1993  
**Dept. of Ecology**
(1) OWNER: Name \textbf{YAKIMA COUNTY} \\
Address \textbf{ROOM 401, COUNTY COURT HOUSE}

(2) LOCATION OF WELL: County \textbf{YAKIMA} NW NW 1 Sec. 19, T13 N. R. 19 E

(3) PROPOSED USE: Domestic \square \textbf{Industrial} \square \textbf{Municipal} \square

(4) TYPE OF WORK: \textbf{SOURCE WELL FEU THERMAL}

(5) DIMENSIONS: Diameter of well \textbf{12} inches Drilled \textbf{817} ft. Depth of completed well \textbf{837} ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 18 \textbf{"} Dia. from \underline{12} ft. to \underline{30} \textbf{"} ft.

Threaded \square 16 \textbf{"} Dia. from \underline{42} ft. to \underline{275} \textbf{"} ft.

Welded \underline{12} \textbf{"} Dia. from \underline{32} ft. to \underline{817} \textbf{"} ft.

Perforations: Yes \square \textbf{No} \square

Type of perforator used

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Perforations from</th>
<th>Perforations from</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ft. to ft.</td>
<td>ft. to ft.</td>
</tr>
</tbody>
</table>

Screens: Yes \square \textbf{No} \square \textbf{SEE ATT. SHEET}

Manufacturer's Name \textbf{P.B. ST. J. JOHNSTON}

Type \textbf{FACED STEEL}

Diam. \textbf{12} Slot size from ft. to ft.

Gravel packed: Yes \square \textbf{No} \square

Size of gravel

Gravel packed from ft. to ft.

Surface seal: Yes \square \textbf{No} \square

To what depth? \textbf{275} \textbf{"} ft.

Material used in seal: \textbf{CEMENT GROUT}

Did a strata contain usable water? Yes \square \textbf{No} \square

Type of water or method of strata CEMENTED

(7) PUMP: Manufacturer's Name \textbf{P.B. ST. J. JOHNSTON}

Type \textbf{FACED STEEL}

(8) WATER LEVELS: Land-surface elevation above mean sea level \textbf{1030 ft.}

Static level \textbf{40 ft.} below top of well Date \textbf{3/22/83}

Artesian pressure \underline{lbs.} per square inch Date \underline{A}

Artesian water is controlled by \underline{(Cap, valve, etc.)}

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

Wasa pump test made? Yes \square \textbf{No} \square If yes, by whom \textbf{OAKLAND}

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

(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 materials 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>ROCK &amp; SOIL FILL SUR. WTR.</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>SAND, GRAVEL &amp; BLDRS. E. BERG</td>
<td>15</td>
<td>13</td>
</tr>
<tr>
<td>TAN CLAY</td>
<td>132</td>
<td>13</td>
</tr>
<tr>
<td>SAND, GRAVEL &amp; BLDRS. WTR. CAVING</td>
<td>133</td>
<td>16</td>
</tr>
<tr>
<td>LGE. BOULDERS &amp; CLAY</td>
<td>168</td>
<td>18</td>
</tr>
<tr>
<td>BLDRS. SAND, GRAVEL CLAY E. BERG</td>
<td>185</td>
<td>206</td>
</tr>
<tr>
<td>LAYERS. CLAY, SAND &amp; GRAVEL</td>
<td>206</td>
<td>24</td>
</tr>
<tr>
<td>HARD CEMENT GRAVEL &amp; BLDRS.</td>
<td>244</td>
<td>249</td>
</tr>
<tr>
<td>LAYERS. SAND, GRAVEL &amp; BLDRS.</td>
<td>249</td>
<td>300</td>
</tr>
<tr>
<td>RED SANDY CLAY</td>
<td>304</td>
<td>34</td>
</tr>
<tr>
<td>LAYERS. CLAY, SAND &amp; GRAVEL</td>
<td>312</td>
<td>334</td>
</tr>
<tr>
<td>BLDRS. SAND, GRAVEL (E. BERG)</td>
<td>334</td>
<td>34</td>
</tr>
<tr>
<td>SAND, GRAVEL &amp; BLDRS. W. CLAY BND</td>
<td>340</td>
<td>365</td>
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<tr>
<td>CLAY W. LAYERS FINE SAND WTR.</td>
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<td>395</td>
</tr>
<tr>
<td>SAND, GRAVEL &amp; BLDRS. E. BERG</td>
<td>395</td>
<td>411</td>
</tr>
<tr>
<td>SOFT BR. CLAY &amp; SAND WTR.</td>
<td>411</td>
<td>422</td>
</tr>
<tr>
<td>SAND, GRAVEL, BR. CLAY</td>
<td>422</td>
<td>440</td>
</tr>
<tr>
<td>HD. BR. CLAY, W. SAND &amp; GRAVEL</td>
<td>440</td>
<td>480</td>
</tr>
<tr>
<td>SAND &amp; SANDSTONE W. J. SHERIFF</td>
<td>480</td>
<td>486</td>
</tr>
<tr>
<td>PINN CLAY SHEL. SANDSTONE &amp; GRA</td>
<td>486</td>
<td>495</td>
</tr>
<tr>
<td>FINE SAND &amp; GRAVEL</td>
<td>495</td>
<td>501</td>
</tr>
<tr>
<td>LAYERS. CLAY, SNDSTN. GRAVEL WTR.</td>
<td>501</td>
<td>530</td>
</tr>
<tr>
<td>SND STN. GRAVEL, SANDY CLAY CAVI</td>
<td>530</td>
<td>545</td>
</tr>
<tr>
<td>SANDY CLAY W. FINE SAND STN &quot;</td>
<td>545</td>
<td>555</td>
</tr>
<tr>
<td>FINE &amp; COURSE SND STN CAVING</td>
<td>555</td>
<td>605</td>
</tr>
<tr>
<td>SNDSTN W. BLUE &amp; BR. SHALE</td>
<td>605</td>
<td>615</td>
</tr>
<tr>
<td>SANDSTONE &amp; GRAVEL &amp; WATER</td>
<td>615</td>
<td>620</td>
</tr>
<tr>
<td>SANDY CLAY &amp; SANDSTONE &quot;</td>
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<td>655</td>
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<tr>
<td>SANDSTONE &amp; GRAVEL &amp; WATER</td>
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<td>667</td>
</tr>
<tr>
<td>BLUE SANDY CLAY SHALE (SQUEEZ)</td>
<td>667</td>
<td>670</td>
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<tr>
<td>SND STN. GRAVEL &amp; CLAY CLAY</td>
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<td>675</td>
</tr>
<tr>
<td>HD. SND STN &amp; GRAVEL (CEMENT CR.)</td>
<td>675</td>
<td>690</td>
</tr>
<tr>
<td>SANDY BLUE CLAY SQUEEZE IN</td>
<td>690</td>
<td>705</td>
</tr>
<tr>
<td>LAYERS. BLUE &amp; BR. CLAY &amp; SAND</td>
<td>705</td>
<td>718</td>
</tr>
<tr>
<td>BLUE CLAY &amp; SAND</td>
<td>718</td>
<td>730</td>
</tr>
<tr>
<td>SND STN. W. THIN CLAY LAYERS</td>
<td>730</td>
<td>805</td>
</tr>
<tr>
<td>SND STN. GRAVEL &amp; WATER (FILTERED)</td>
<td>805</td>
<td>815</td>
</tr>
</tbody>
</table>

WELL DRILLER'S STATEMENT: CEMENT CR. 815-81' This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: RIEBE WELL DRILLING

Address: 1503 E. NOB HILL BLVD YAKIMA, WASH.

License No. 421 Date 3/26/83 19...
WATER WELL REPORT
STATE OF WASHINGTON
Application No. 544.572955

(1) OWNER: YAKIMA COUNTY
Address: RM 401 COURT HOUSE

(2) LOCATION OF WELL: County: YAKIMA

and distance from section or subdivision corner: W8 BLK 9 VOL. 2-1 OF PLATS LOT 17-BLK 9

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

(4) TYPE OF WORK: Owner's number or well 1
Number of new wells (if more than one): 
New well Method: Drilled □ Bored □
Deepened □ Cable □ Driven □
Reconditioned □ Rotary □ Jettied □

(5) DIMENSIONS: Diameter of well: 12 inches.
Drilled: 600 ft. Depth of completed well: 600 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 16 ft. from +21 ft. to +190 ft.
Threaded □ 12 ft. Diameter from +21 ft. to +190 ft.
Welded □ 12 ft. Diameter from +21 ft. to +190 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 12.5:
Type: EVERDRILL VM J0350S Model No. 12.5 L/D.
Attachment: Slot size: ft. to ft.
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: 190 ft.
Material used in seal: CEMENT GROUT
Any strata contain unusable water: Yes □ No □
Type of water: 
Depth of strata: 
Method of sealing: 

(7) PUMP: Manufacturer's Name: INJECTION WELL
Type: GROUND WATER TO AIR DISCHARGE

(8) WATER LEVELS:
Local-surface elevation 600 100 601 100
Static level: 61 ft. below top of well Date: 7/10/82
Artesian pressure: ins. per square inch Date: 
Artesian water is controlled by: 
(Cap, valve, etc.)

(9) WELL TESTS:
Was a pump test made? Yes □ No □
If yes, by whom: AKLAND
Yield: gal/min. with 

SEE ATTACHED SHEET

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

Site of test: 
Well test: gal/min. with 

Artesian flow: c.p.m. Date: 
Temperature of water: 

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and how 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
ROCK FILL 0 20
SAND, GRAVEL, ELDERS, DEC. ROCK 20 28
BOULDERS SAND, GRAVEL 28 87
SAND, GRAVEL & ELDERS 87 127
BROWN CLAY 127 129
BOULDERS & GRAVEL 129 142
SAND, GRAVEL, ELDERS & CLAY 142 162
SAND, GRAVEL & BOULDERS 162 205
SANDY CLAY & LEE BOULDERS 205 217
CLAY BOULDERS & GRAVEL 217 377
SANDSTONE, GRAY CLAY & GRAVEL 377 415
BROWN STICKY CLAY SANDY 415 430
BROWN SANDSTONE 430 435
BROWN CLAY 435 442
E.R. CLAY SAND & GRAVEL 442 462
LATERITE CLAY, SANDSTN & GRAVEL 462 495
GRAY SANDY CLAY 495 535
GRAY CLAY & BOULDERS 535 546
BROWN CLAY 546 552
SANDSTONE, CLAY & BOULDERS 552 572
GRAY CLAY, SANDSTONE & BOULDERS 572 582
LATERITE CLAY, SANDSTN & BOULDERS 582 596
BROWN CLAY SANDSTONE & GRAVEL 596 600

FORMATION MOSTLY ELLENSBERG & SIMILAR TO A GLACIAL MORAIN DEPOSITED DURING ANCIENT FLOODS, BOULDERS WASHED & DEPOSITED & SILT & SAND & DECOMPOSED ROCK & CLAY BINDERS.

(11) 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: RIEBE WELL DRILLING (D.B. BRITTON)

Address: 1503 E. HOB. HILL RD. YAKIMA, WA 98901

[Signature] Date: 11/21/82... 19
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name K.A.Y.O. OIL CO. Address 12815 MAIN ST. CHATTANOOGA, TENN 37408

(2) LOCATION OF WELL: County YAKIMA

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

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

(5) DIMENSIONS: Diameter of well 16 inches. Depth of completed well 28 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: Yes ☒ No ☐ Diam. from 1 ft. to 12 ft. Perforations: Yes ☒ No ☐ 1/4" REDUCER

Threaded ☐ Welded ☒ Diam. from 3 ft. to 6 ft.

WELDING CAP

Gravel packed: Yes ☒ No ☐ Size of gravel:

Gravel placed from 6 ft. to 12 ft.

Surface seal: Yes ☒ No ☐ To what depth? 12 ft.

Material used in seal: CONCRETE/CEMENT

Did any strata contain usable water? Yes ☒ No ☐

Type of water: Date of completion

Method of sealing strata: Date of completion

(7) PUMP: Manufacturer's Name

Type: Date of installation

(8) WATER LEVELS:

Land-surface elevation above mean sea level:

Static level:

Artesian pressure:

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:

Boiler test:

gal/min with ft. drawdown after hrs.

Artesian flow:

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

CONCRETE 0' 1'

SAND-GRavel-Cobbles (dry) 1' 15'

SAND-GRavel-Ponded 15' 28'

WATER DEEPENING AT 18'

(11) 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: Allgood Drilling Corp. (Person, firm, or corporation) (Type or print)

Address:

[Signature] (Well Driller) Date: 1-20, 1987

License No.

Date: 1-20, 1987

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

(1) OWNER: Name ____________________________ Address ___________ 

(2) LOCATION OF WELL: County ___________ Location ___________ 

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

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

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

(6) CONSTRUCTION DETAILS: 
Casing installed: 
Threaded □ Welded □ Diam. from ___________ ft. to ___________ ft. 
Perforations: Yes □ No □ Size of perforations ___________ in. 
Screens: Yes □ No □ Type of screens: ___________ 
Gravel packed: Yes □ No □ Size of gravel: ___________ ft. 
Surface seal: Yes □ No □ Type of seal: ___________ 

(7) PUMP: Manufacturer's Name ____________________________ Type ____________________________ M.P. ___________ 

(8) WATER LEVELS: 
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 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 on (water level) measured from well top to water level Date ___________ 
Time Water Level 1 Time Water Level 1 Time Water Level 1 Time Water Level 1 

(10) WELL LOG: 
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 formation. 

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>COALITE</td>
<td>0'</td>
<td>1'</td>
</tr>
<tr>
<td>SAND-GRAVEL - CORDERS</td>
<td>1'</td>
<td>3'</td>
</tr>
<tr>
<td>CARR LIME</td>
<td>3'</td>
<td>5'</td>
</tr>
<tr>
<td>SAND</td>
<td>5'</td>
<td>8'</td>
</tr>
<tr>
<td>SAND-GRAVEL - CORDERS (DE)</td>
<td>8'</td>
<td>10'</td>
</tr>
<tr>
<td>SAND-GRAVEL - CORDERS (DE)</td>
<td>12'</td>
<td>15'</td>
</tr>
<tr>
<td>SAND-GRAVEL - CORDERS</td>
<td>18'</td>
<td>20'</td>
</tr>
<tr>
<td>WATER CARRIAGE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(11) 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: ALLBERRY DRILLING CORP. 
Address: 4001 McRae, Suite 241, Provo, WA 98220 

(Signed) ALLBERRY (Well Driller) 
License No. 4 
Date 1-21-67 

USE ADDITIONAL SHEETS IF NECESSARY)
(1) OWNER: Name: K.A.M.O. Oil Co. 
Address: 1221 B. Main St., Chalottesville, VA 22903
(2) LOCATION OF WELL: County: Yakima
(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☒ Other ☐
(4) TYPE OF WORK: Owner's number of well (more than one)... M W 1
New well ☒ Method: Dug ☐ Drilled ☐ Deepened ☐ Cable ☐ Driven ☐ Reconditioned ☐ Rotary ☒ Jetted ☐
(5) DIMENSIONS: Diameter or well... 6 in. inches. Drilled... 31 ft. Depth of completed well... 80 ft.
(6) CONSTRUCTION DETAILS:
Casing installed: Yes ☒ No ☐ Diam. from... 1 in. ft. to... 14 in. ft.
Threaded... 20 ft. ft. to... 20 ft. ft.
Welded... 20 ft. ft. to... 20 ft. ft.
Perforations: Yes ☒ No ☐ Type of perforator used: H. T. 4 REDUCER 4 LOCKING CAP
SIZE of perforations... in. by... in. perforations from... ft. to... ft.
perforations from... ft. to... ft.
perforations from... ft. to... ft.
perforations from... ft. to... ft.
Screens: Yes ☒ No ☐ Manufacturer's Name: JOHNSON 
Type: STAINLESS STEEL Model No.
Dia. Slot size... in. from... 10 in. ft. to... 29 in. ft.
Dia. Slot size... in. from... 14 in. ft. to... 19 in. ft.
Gravel packed: Yes ☒ No ☐ Size of gravel...
Gravel placed from... ft. to... ft.
Surface seal: Yes ☒ No ☐ To what depth... 14 ft.
Material used in seal: CEMENT
(7) PUMP: Manufacturer's Name:
Type: D.E.N.G.I. VALVE BOX
(8) WATER LEVELS:
State level... ft. below top of well...
Date: 12-19-56
Artisanal pressure... lbs. per square inch...
Artesian water is controlled by...
(9) WELL TESTS:
Drawdown is amount water level is lowered below static level.
Was a test made? Yes ☐ No ☐ If yes, by whom? DRIELEI
Test:... 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.
MATERIAL FROM TO
CONCRETE... 0'... 1'
SAND/GRANUL (FIRE) DRY... 1'... 4'
SAND/GRANUL + COBBLES DRY... 4'... 13'
SAND (FIRE)... 13'... 15'
SAND/GRANUL + COBBLES (DRY)... 15'... 16'
SAND/GRANUL + Boulders (DRY)... 16'... 18'
SAND/GRANUL + Boulders WATER BEARING... 18'... 31'
(11) 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: ALLBEE INDUSTRY CORP.
Address: 1401 Morse, Suite 21
Address: Snohomish, WA 98205
(Signed) [Signature]...
Date: 1-20, 1987
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: N.A.M.O. OIL CO.
Address: 1221 S. MAIN ST., CHATTANOOGA, TENN., 37409

(2) LOCATION OF WELL: County: YAKIMA

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

(4) TYPE OF WORK: Owner's number of well (if more than one) M-6 2
- New well X - Method: Drilled □ Bored □ - Seepage □ - Cable □ Driven □ - Reconditioned □ - Rotary □ Jetted □

(5) DIMENSIONS:
- Diameter of well: 6 inches
- Drilled: 24 ft.

(6) CONSTRUCTION DETAILS:
- Casing installed: OVER SHEAVE
- Threaded X 28 ft. from 1 ft. to 12 ft.
- Welded □ 28 ft. from 1 ft. to 12 ft.
- Perforations: Yes □ No X - "1" LOCATIONAL CAP
- Size of perforations: 3/16" by 3/16"
- Perforations from 1 ft. to 12 ft.
- Gravel packed: Yes □ No X
- Gravel placed from 1 ft. to 12 ft.
- Surface seal: Yes □ No X - To what depth? 12 ft.
- Material used in seal: BENZONITE / CEMENT
- Is any strata contain usable water? Yes □ No X
- Type of water: Potable
- Depth of strata:
- Ton of sealing strata off:

(7) PUMP:
- Manufacturer's Name: X JOHNSON PACKER
- Type: STAINLESS STEEL - Model No.
- Dia. 6 in. Slot size 10 in.
- Dia. 6 in. Slot size 12 in.

(8) WATER LEVELS:
- Land-surface elevation above mean sea level: 18 ft.
- Static level: 18 ft. below top of well Date: 12-20-46
- Artesian pressure: lbs. per square inch Date: 12-20-46
- Artesian water controlled by: (Cap, valve, etc.)

(9) WELL TESTS:
- Drawdown is amount water level is lowered below static level
- Was a water test made? Yes □ No □: If yes, by whom: DRILLER
- Yield: 1 gal/min. with ft. drawdown after hrs.

(10) WELL LOG:
- MATERIAL FROM TO
- CONCRETE 0' 1'
- SAND-GRANITE (FINE-DRY) 1' 7'
- SAND-GRANITE-Boulders (DRY) 7' 18'
- SAND-GRANITE (COARSE) 18' 20'
- WATER PEACE
- SAND-GRANITE-Boulders 20' 28'
- WATER PEACE

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: ALLBURY DRILLING CORP.
Address: 906 MONROE, DATE 1954

(Signed) L. ALLBURY (Well Driller)

License No. 4 Date: 1-20 1957

(USE ADDITIONAL SHEETS IF NECESSARY)
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: WASHINGTON CENTRAL RAILROAD
WELL IDENTIFICATION NO: MW-1
DRILLING METHOD: AIR ROTARY
DRILLER: ROGER KELLY
FIRM: PONDEROSA DRILLING & DEVELOPMENT, INC.
SIGNATURE: ROGER KELLY 2004
CONSULTING FIRM: P.L.S.A.
REPRESENTATIVE:

COUNTY: YAKIMA
LOCATION: N44° 20' 30" W119° 38' 16"
STREET ADDRESS OF WELL:
WATER LEVEL ELEVATION:
GROUND SURFACE ELEVATION:
INSTALLED:
DEVELOPED:

AS BUILT

WELL DATA

FORMASTION DESCRIPTION

CAP OR VAULT
TYPE: 8" ROUND
SIZE: 8"
LOCK:
PVC CAP: 4" SLIP

CEMENT: HOLE PLUG
DEPTH: 2 TO 10
BAGS: 5

GROUT TYPE: READY MIX
DEPTH: 0 TO 2
BAGS: 7

PVC TYPE: TRILOCK
PVC SIZE: 4"
DEPTH: +3 TO 12

CENTRALIZERS: NONE
PELLETS SIZE: 3/8

DEPTH: 10 TO 11
BUCKETS: 1

SILICA SAND: 10/20
DEPTH: 11 TO 17
BAGS: 2 BAGS

SCREEN TYPE: 10/20 TRILOCK
DEPTH: 12 TO 17
SIZE: 4"

CASING SIZE: 8"
DRIVE SHOE: 8"

BOTTOM: 17'

GUARD POSTS:
MISC:

SAND GRAVEL & LARGE COBBLES

SCALE: 1"
PAGE 1 OF
RESOURCE PROTECTION WELL REPORT

PROJECT NAME:  Umatilla/Willamette Bank
WELL IDENTIFICATION NO.: Soil Survey 1, 2, 3
DRILLING METHOD: Air rotary
DRILLER: A. Ketwik

SIGNATURE: 
CONSULTING FIRM: AART JTOWSEK
REPRESENTATIVE: 

JOB #: 93277 START CARD NO.: 219603
COUNTY: Yakima CITY: Yakima
LOCATION: 1/4 26R 1/4 12W 1/4
SEC.: 19 TOWN: 12R RANGE: 12W
DATUM: 
WATER LEVEL ELEVATION: 
INSTALLED: 6/23/83
DEVELOPED: 

WELL DATA

AS BUILT

FORMATION DESCRIPTION

Gravelly Silty Sand Fill

Clayey Sand

Clayey

PAGE _______ OF _______

SCALE: 1" = __________
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: NC MACHINERY CO.
WELL IDENTIFICATION NO: MW-2
DRILLING METHOD: AIR ROTARY
DRILLER: LYNN BARTHOLOMEW
FIRM: BARTHOLOMEW DRILLING, INC.
SIGNATURE: [Signature]
CONSULTING FIRM: CH2M HILL
REPRESENTATIVE: KATHRYN A. GEHWEILER

COUNTY: YAKIMA
LOCATION: 1/4 1/4 Sec 20, Twn 13N, R 19E
STREET ADDRESS OF WELL: 2100 TERRACE HTS DR.
YAKIMA, WA
WATER LEVEL ELEVATION: 1017.31
GROUND SURFACE ELEVATION: 
INSTALLED: 2/11/92
DEVELOPED: 2/11/92

<table>
<thead>
<tr>
<th>AS-BUILT</th>
<th>WELL DATA</th>
<th>FORMATION DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SEE ATTACHED SHEET</td>
<td></td>
</tr>
</tbody>
</table>

SCALE: 1" = 

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)
## RESOURCE PROTECTION WELL REPORT

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>COUNTY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL IDENTIFICATION NO.</td>
<td>LOCATION: 1/4 1/4 Sec Twp 24 R13E</td>
</tr>
<tr>
<td>DRILLING METHOD:</td>
<td>STREET ADDRESS OF WELL: 13 AIRCRAFT HTS DR.</td>
</tr>
<tr>
<td>DRILLER:</td>
<td>WATER LEVEL ELEVATION:</td>
</tr>
<tr>
<td>FIRM:</td>
<td>GROUND SURFACE ELEVATION:</td>
</tr>
<tr>
<td>SIGNATURE:</td>
<td>INSTALLED:</td>
</tr>
<tr>
<td>CONSULTING FIRM:</td>
<td>DEVELOPED:</td>
</tr>
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</table>

<table>
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<tr>
<th>AS-BUILT</th>
<th>WELL DATA</th>
<th>FORMATION DESCRIPTION</th>
</tr>
</thead>
</table>

SCALE: 1" = _______ PAGE _____ OF _______

ECY 050-12 (Rev. 11/89)
### MONITORING WELL GEOLOGIC & CONSTRUCTION LOG

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Well Number</th>
<th>Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEA27692.R1</td>
<td>MW-2</td>
<td>1</td>
</tr>
</tbody>
</table>

**Project:** NC Machinery  
**Location:** Near oil/water separator  
**Elevation (Top of PVC Well casing):** 1028.0  
**Surface Elevation:** 1027.0  
**Water Level Elevation:** 1017.31  
**Start Date:** 2/10/92  
**Finish Date:** 2/11/92  
**Drilling Contractor:** Bartholomew Brothers  
**Drilling Method:** GP 650 WS Air Rotary Drill  
**Hydrogeologist:** Kathy Gathweiler

### Depth (ft)  
<table>
<thead>
<tr>
<th>Sample</th>
<th>Interval</th>
<th>Type and Manner</th>
<th>Recovery</th>
<th>Field Observations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Grab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Grab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### GEOLOGIC LOGS & FIELD OBSERVATIONS

- **Surface Conditions:** sand and cobbles
- **Brown sandy silt (SL), dense with some gravel.**
- **Gray sandy gravel (GP), moist to wet**
- **Sessamite 11 ft.**
- **Gray sandy gravel (GP), saturated**
- **Gray sandy gravel (GP-S,M), saturated, with some silt.**
- **Water encountered at approx. 13 ft. above during drilling.**
- **24 ft. = bottom of hole**

#### WELL CONSTRUCTION

- **5-inch rubber uniform protection casing**
- **4-inch SAE 40 PVC blind casing**
- **8 ft.**
- **Bentonite chips (medium)**
- **6 ft.**
- **10-20 Colorado silt sandy sand**
- **4-inch SAE 40 PVC well screen**
- **420-inch slot**
- **22 ft.**
- **10-20 Colorado silt sandy sand**
- **Bottom of hole 24 ft.**
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: CHAM HILL

LOCATION OF WELL: County Yakima

STREET ADDRESS OF WELL: Yakima Ave S 7/82

PROPOSED USE: Domestic ☐ Irrigation ☐ Municipal ☐

DOMESTIC WELL ☐ TEST WELL ☐ OTHER ☒

TYPE OF WORK: New Well ☒ Reconditioned ☐
Abandoned ☐ Drilled ☐ Rotated ☐

DIMENSIONS: Diameter of well 6 inches
Drilled 25 feet, Depth of completed well 25 ft.

CONSTRUCTION DETAILS:
Casing installed: Yes ☒ No ☐
Weired ☐
Liner installed: Yes ☒ No ☐
Threaded ☐
Perforations: Yes ☒ No ☐
Type of perforator used: Moch saw
Size of perforations: 0.20 in. by 1 in.

WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION:
Formation: Describe 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, dark brown 0 2

Silty sand, some gravel, to

Larg cobbles, dark gray

Water at 8 ft.

SCREENS:
Manufacturer's Name:
Type ☐
Diam. from ft. to ft.
Slot size from ft. to ft.

Gravel packed: Yes ☒ No ☐
Size of gravel: 8/12 sand
Gravel placed from 25 ft. to 17 ft.

Surface seal: Yes ☒ No ☐
To what depth: 17 ft.
Material used in seal: bentonite chips

WELL TESTS:
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)
Time Water Level Time Water Level

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: ENVIRONMENTAL WEST EXP, INC
(PERSON, FIRM, OR CORPORATION)
Address: P.O. Box 1075, Sno, WA 98211

LICENSE NO: 1829
(WELL DRILLER)
Contractor's Registration No.
WA 38-18

DATE: 5-10, 1993
(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON

(1) OWNER: Name: CHASEM HILL

LOCATION OF WELL: County: YAKIMA
(2a) STREET ADDRESS OF WELL: (or nearest address): YAKIMA AVE T 182

(3) PROPOSED USE: □ Domestic □ Irrigation □ DeWater □ Municipal □

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 20 feet. Depth of completed well 20 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 1 in. Diam. from 0 ft. to 20 ft.
Welded □ Diam. from ft. to ft.
Threaded □ Diam. from ft. to ft.
Perforations: Yes □ No X
Type of perforator used: Back•raw

SIZE OF perforations 0.20 in. by 1 in.

perf 15 ft. to 20 ft.
perf 20 ft. to 25 ft.
perf 25 ft. to 30 ft.

Screens: Yes □ No X
Manufacturer's Name
Type
Model No.
Diam. from ft. to ft.
Diam. from ft. to ft.

Gravel packed: Yes □ No X
Size of gravel 0.12 sand

Gravel placed from 20 ft. to 10 ft.

Surface seal: Yes □ No X
To what depth? 13 ft.

Material used in seal: Bentonite chips

Did any strata contain unusable water? Yes □ No X

Type of water? Depth of strata:

Method of sealing strata

(7) PUMP: Manufacturer's Name: N/A
Type:

(8) 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.)

(9) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? Yes □ No X
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

Bail test gal./min. with ft. drawdown after hrs.
Air 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 X

(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>top soil, some gravel, dark brown</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>silt, sand, gravel, large cobbles</td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>dark gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>water at 12 ft.</td>
<td></td>
<td></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: ENRIQUE ESPINOZA
(PERSON, FIRM, OR CORPORATION)
WELL DRILLER
License No. 1821
Address: 204 BOX 1107, SPOKANE, WA 99201
Date 5-10 1993

(USE ADDITIONAL SHEETS IF NECESSARY)
SOIL SAMPLING SERVICE, INC.
1415 MERIDIAN EAST, PUYALLUP, WA 98371-1399
(206) 927-3173
(206) 838-9404
FEDERAL ID #: 91-0762274  WA CONT. #SOIL SS'344L0
Geotechnical, Engineering & Mineral Exploration Drilling • Instrumentation • Horizontal Drains
Ground Water Monitoring • Hazardous Waste Identification • Well Abandonments

RESOURCE PROTECTION WELL REPORT

PROJECT NAME: CHEYENNE STATION
WELL IDENTIFICATION NO: 4-0-1 8-4 9-5
DRILLING METHOD: MIK KITZEL
DRILLER: MIK KITZEL

SIGNATURE: MIK KITZEL
CONSULTING FIRM: KITZELHAUSE
REPRESENTATIVE: MIK KITZEL

WELL DATA

1. CONCRETE
2. BENT CHIPS

LOCATION: MIK KITZEL
CITY: PUYALLUP
COUNTY: YAKIMA
LOCATION: 90 W %, 200 N %
SEC: 20
TOWN: 12
RANGE: 8
DATUM:
WATER LEVEL ELEVATION:
INSTALLED: 4-28-89
DEVELOPED:

LOOKING MOVEMENT

AS BUILT

FORMATION DESCRIPTION

VEGY DEVSRE
GRAY & BROWN
SANDY GRAVER

SCALE: 1" = 8'
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Sarg-Hubbard - Greenway Project 16 North 2nd St Yak 01

LOCATION OF WELL: County: Yakima

Proposed Use: Domestic □ Industrial □ Municipal □ Irrigation □ Test Well □ Other □

Type of Work: Owner's number of well (if more than one) / Method: Dug □ Bored □ New well □ Deepened □ Cable □ Driven □ Reconnaissance □ Rotary □ Jetted □

Dimensions: Diameter of well 8\(\frac{\text{inches}}{\text{Drilled}}\) ft. Depth of completed well 8\(\frac{\text{ft.}}{\text{Drilled}}\)

Construction Details: Casing installed: 8\(\text{inches} \times \frac{\text{Diam.}}{\text{ft.}} \times \frac{\text{from}}{\text{to}}\)

Perforations: Yes □ No □

Screening: Yes □ No □

Material: FROM TO

Boulders gravel sand soil 0 8

Very large boulders sand 8 10

Boulders gravel sand VVH 10 20

Very very very hard going 80

Boulders gravel sand brn VVH 80 90

trace of clay at 54 ft. First water at 20 ft. water from then on.

Boulders gravel sand brn H 80 90

A lot of water 80 100

Sand Boulders gravel 80 90

Lab test sample good no E-coli 80

Developed well, no smell detected by crew, a trace of sand ran casing in hole went in fine no tight spots slight drift to the east.

SWL: 14.6

Pumped 12" casing full of cement & mud used 11 bags of bentonite (mud) and 4 bags of cement to seal hole approximately 325 GPM from 80 ft.

Pump: Manufacturer's Name: H.P.

WATER LEVELS:

Static level feet 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

Yield:

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

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

Artesian flow gpm. Date:

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

Date of test

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

Driller's Statement:

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

Name: RIBE WELL DRILLING

Address: 1503 E. Nob Hill Blvd.

License No. 0422 Date: 2-6-86

Signed: (Driller)

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

(1) OWNER: Name: Sarg-Hubbard - Greenway Project, 16 No. 2nd St. Yak 01

LOCATION OF WELL: County: Yakima NE w SW in Sec. 20, T 25N R 13 W
Bearing and distance from section or subdivision corner: Off Freeway & behind Sunfair Chevrola

(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 _______ inches. Drilled _______ ft. Depth of completed well _______ ft.

(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: _______ in. by _______ in.
SIZE of 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 _______ 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? _______ 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: _______

(8) 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: _______

(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)

<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: _______
Tester: gal./min. with _______ ft. drawdown after _______ hrs.
Artesian row: _______ 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 TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set 5 ft. of 80 slot stainless steel screen from 85 to 90 ft.</td>
<td></td>
</tr>
<tr>
<td>Installed 5 ft of blank riser pipe</td>
<td></td>
</tr>
<tr>
<td>Set 5 ft of 35 slot stainless steel screen from 95 to 100 ft.</td>
<td></td>
</tr>
<tr>
<td>Developed well. Water is clean and clear. Pulled steel.</td>
<td></td>
</tr>
</tbody>
</table>
This well is cased with 83 ft of 8" 322 heavy wall casing weighing 28.55 lbs per foot with shoe. Then from 81 ft. a K-packer is set and riser (blank) pipe to 85 ft. 85 to 90 is screen, 90 to 95 is blank riser pipe, 95 to 100 is screen. Total depth of well is 100 ft.

(USE ADDITIONAL SHEETS IF NECESSARY)

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

RIEBE WELL DRILLING

NAME: (Person, firm, or corporation) (Type or print)
Address: 1503 E. Nob Hill Blvd.

[Signature] (Well Driller)
License No. 0943 Date: 2/25/86 Drilled by Bob Britton & Steve Jones
**WATER WELL REPORT**

**STATE OF WASHINGTON**

1) **OWNER:** Cummins Northwest, Inc.  
   Address: 1905 Central Ave., Yakima, WA 98901

2) **LOCATION OF WELL:** County: Yakima  
   Street Address: 1905 Central Ave., Yakima, WA 98901

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

4) **TYPE OF WORK:**  
   - Owner's number of well [ ]  
   - New well [x]  
   - Method: Deg [ ]  
   - Bored [x]  
   - Driven [ ]  
   - Rotated [x]  
   - Jetted [ ]

5) **DIMENSIONS:**  
   - Diameter of well: 6 inches  
   - Depth of completed well: 22 ft.

6) **CONSTRUCTION DETAILS:**  
   **Casing installed:** PVC 6"  
   **Diam. from:** 0 ft. to 22 ft.

   **Perforations:**  
   - Type of perforator used: Saw cut
   - Size of perforations: 1/8" in. by 4 in.
   - Perforations from: 12 ft. to 22 ft.
   - Gravel packed: Yes [x]  
   - Size of gravel:  
   - Gravel placed from: ft. to:

   **Screen:**  
   - Manufacturer's Name:  
   - Type:  
   - Diam.:  
   - Slot size: from ft. to ft.

   **Bentonite:**  
   - Material used in seal: Bentonite

7) **PUMP:**  
   **Manufacturer's Name:** None

8) **WATER LEVELS:**  
   **Land surface elevation above mean sea level:** 1,000 ft.
   **Static level:** 20 ft. below top of well
   **Artesian pressure:** lbs. per square inch
   **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. drawn after hrs.

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

   **Date of test:**

   **Boiler test:** gal./min. with ft. drawn after hrs.
   **Airtest:** gal./min. with steam set at ft. for hrs.
   **Artesian flow:** g.p.m. Date:

   **Temperature of water:** °C
   **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**
   **Gravel backfill**
   **0**
   **22**

---

**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:** Bradley J. Card  
**Address:** 1120 West Lincoln Ave., Yakima, WA 98901  
**License No:** 1694  
**Contractor's Registration No:** none

(Signed) Bradley Card  
Date: 2/27, 1990

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

1) OWNER: Name Maid O Clover Address 1802 E. Nob Hill Yakima, Wa.

2) LOCATION OF WELL: County Yakima Parcel # 191329-42433 SE 49 1/4 Sec 29 T. 13 N. R. 19 W.

3) STREET ADDRESS OF WELL (or nearest address) 1802 E. Nob Hill

4) PROPOSED USE: Domestic [] Irrigation [ ] Industrial [ ] Municipal [ ] DeWater [ ] Test Well [ ] Other [ ]

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

6) DIMENSIONS: Diameter of well [6] inches
Drilled [60] feet. Depth of completed well [60] ft.

7) CONSTRUCTION DETAILS:
Welded [X] Diam. from [ft.] to [ft.]
Linered installed [ ] Diam. from [ft.] to [ft.]
Threaded [ ] Diam. from [ft.] to [ft.]

Perforations: Yes [ ] No [X]
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 [X]
Manufacturer's Name
Type
Diam. [in.]
Slot size. [in.]
Diam. [in.]
Slot size. [in.]
Gravel packed: Yes [X] No [ ] Size of gravel [in.]
Gravel placed from [ft. to ft.]

Material used in seal: Bentonite
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

8) WATER LEVELS:
Land surface elevation above mean sea level 20 ft.
Static level [4-2-90]
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 [ ] 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

Date of test

Bailer test: [ ] gal./min. with [ ] ft. drawdown after [ ] hrs.
Altret [ ] gal./min. with stem set at [ ] ft. for [ ] hrs.
Artesian flow [ ] g.p.m. Date
Temperature of water: [58]
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 thicknesses 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>Asphalt</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Clay Loam</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Conglomerate gravel &amp; sand</td>
<td>28</td>
<td>36</td>
</tr>
<tr>
<td>Conglomerate gravel &amp; sand</td>
<td>36</td>
<td>52</td>
</tr>
<tr>
<td>Clay</td>
<td>52</td>
<td>56</td>
</tr>
<tr>
<td>Conglomerate gravel &amp; sand</td>
<td>56</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: Bach Well Drilling Co.

Address: 2111 Birchfield Rd. Yakima, Wa. 98901

(Signed) [ ]

Contractor's Registration No. [ ]

License No. 1436

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT

STATE OF WASHINGTON

OWNER: Name: Maid O Clover
Address: 202 E. 5th Ave., Yakima, Wa.

LOCATION OF WELL: County: Yakima
Parcel #: 191329-42433
Sec. 29, T. 13 N., R. 19 W.M.

STREET ADDRESS OF WELL (or nearest address): 1802 E. Nob Hill NW

PROPOSED USE: □ Domestic □ Irrigation □ DeWater □ Other

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

DIMENSIONS: Diameter of well 6 inches
Drilled __________ ft. Depth of completed well __________ ft.

CONSTRUCTION DETAILS:
Casing installed: __________ ft. diameter __________ ft. to __________ ft.
Welded □
Liner installed □
Threaded □
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 __________ Slot size __________ ft.
Diam. __________ Slot size __________ ft.

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

Surface seal: Yes □ No □
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 __________ ft.
Static level __________ ft. below top of well
Date __________
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. 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.

Aintest __________ 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 CONSTRUCTOR CERTIFICATION:
I hereby certify that the work was done in accordance with the report's specifications.

NAME: Bach Well Drilling Co.
Address: 2111 Birchfield Rd., Yakima, Wa.

(Signed) ____________________________
License No. 1436
Contractor's Registration No. BACHWDC137NU Date 4-6-90

(USE ADDITIONAL SHEETS IF NECESSARY)
**PROPOSED USE:** Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [ ] Test Well [ ] Other [X]

**TYPE OF WORK:**
- New well [X]
- Method: Drilling [ ] Boring [ ]
- Drilled: 752 ft.
- Depth of completed well: 752 ft.

**DIMENSIONS:**
- Diameter of well: 12 ft., 10.8 inches.
- Casing installed: 10" Drilled from 42 ft. to 400 ft.
- Threaded: 8" Diam. from 360 ft. to 680 ft.
- Welded: Diam. from 360 ft. to 680 ft.

**CONSTRUCTION DETAILS:**
- Perforations: Yes [X] No [ ]
- Type of perforator used: RECH 8" LINER
- Type of perforations: 720 in., by 3/8 in.
- Perforations from 560 ft. to 680 ft.

**SCREENS:**
- Type: [ ]
- Model: [ ]
- Diam.: [ ] ft.
- Slot size: [ ] ft.

**Gravel packed:**
- Yes [X] No [ ]
- Size of gravel: [ ] ft.

**Surface seal:**
- Type: [ ]
- Material used: [ ]
- Sealing strata off: Cased & Cemented

**PUMP:**
- Manufacturer's Name: [ ]
- Type: [ ]

**WATER LEVELS:**
- Land-surface elevation above mean sea level: 1025 ft.
- Static level: 3/15/77 ft. below top of well
- Artesian pressure: lbs. per square inch: [ ]
- Artesian water is controlled by: [ ]

**WELL TESTS:**
- Drawing down is meant water level is lowered below static level
- Drawdown is meant at a rate of 67 g.p.m. Date: [ ]
- Temperature of water: [ ]

**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**
- BLACKTOP REBAR CEMENT & FILL
- SOIL & GRAVEL
- GRAVEL, ELDERS & SOIL V. HD.
- SAND, GRAVEL, ELDERS, WATER, CAVEING
- CEMENT GRAVEL & ELDERS
- HARD PAN & ELDERS
- LOOSE CEMENTED GRAVEL & ELDERS
- BOULDERS, SAND, GRAVEL, WATER
- V. HD. BASALT ELDERS, GRAVEL, WATER
- CEMENT GRAVEL, DEC. ROCK, ELDERS
- BROKEN BASALT ELDERS V. HD
- SANDW. DEC. ROCK
- HD PAN & ELDERS
- BROKEN BASALT ELDERS & HD PAN
- DEC. ROCK, CLAY & ELDERS
- WHITE CLAY
- DEC. ROCK, CLAY & ELDERS
- WHITE CLAY
- DEC. ROCK, CLAY & ELDERS
- SANDSTONE, CLAY, SAND, GRAVEL, ELDERS
- DEC. ROCK, CLAY & ELDERS
- BASALT ELDERS & CLAY
- BR. CLAY, SAND, GRAVEL, SOME WATER
- SAND, GRAVEL, CLAY
- DEC. ROCK & ELDERS
- BROKEN BASALT & SED. ROCK
- GRAY CLAY
- GRAY CLAY & ELDERS
- BROKEN BASALT ROCK
- CEMENT GRAVEL, CLAY & ELDERS
- TAN SANDY CLAY
- GRAY CLAY & ELDERS
- TAN SANDY CLAY
- RED ROCK & ELDERS
- SED. ROCK, SAND, GRAVEL, CLAY, CONGLOM
- BR. SANDY CLAY

**WELL DRILLER'S STATEMENT:**
- This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
- MAY 16, 1977

**LICENSE NO.:** 2601 Date: 3/20/77

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

1) OWNER: Name 2 OF NOEL LOG

2) LOCATION OF WELL: County

3) ROPOSED USE: Domestic  □ Industrial  □ Municipal  □ Irrigation  □ Test Well  □ Other  □

4) TYPE OF WORK: Owner's number of well
   New well  □ Method: Dug  □ Bored  □ Deepered  □ Cable  □ Driven  □ Recommissioned  □ Rotary  □ Jetted  □

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

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 ________________________________ Model No.
   Diam. ______ Slot size ______ ft. from ______ ft. to ______ ft.
   Diam. ______ Slot size ______ ft. from ______ ft. to ______ ft.
   Gravel packed: Yes □ No □ Size of gravel: ______ ft. to ______ ft.
   Gravel 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 ________________________________ Depth of strata ______ ft.
   Method of sealing strata off _______________________

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

8) WATER LEVELS:
   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
   As 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 ______ gal./min. with ______ ft. drawdown after ______ hrs.
   ______ 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
         stone thickness of strata and the kind and nature of the material in each
         stratum penetrated, with at least one entry for each change of formation.

    MATERIAL
    | CONTINUED NOEL CANNING CORP LOG | FROM | TO |
    | CEMENT GRAVEL,SAND,CLAY & BLDRS | 519  | 599 |
    | GRAY CLAY | 579  | 582 |
    | CLAY,GRANUL,SAND,STONE,WATER | 582  | 588 |
    | EST 150 GPM THIS POINT. |       |    |
    | CEMENT GRAVEL | 588  | 615 |
    | GREY CLAY | 517  | 620 |
    | PINK CLAY SHALE,STONE,GRANUL | 620  | 680 |
    | INVERTING CONCRETIZE AS WE GO | 620  | 680 |
    | SET 32" OF PRT,8" LINER HERE |       |    |
    | CEMENT GRAVEL | 680  | 700 |
    | ALLUVIAL WASH & WATER | 700  | 712 |
    | APROX 350 GPM |       |    |
    | CEMENT GRAVEL & BLDRS | 712  | 722 |
    | GRAY SANDSTONE & BASALT OUT WASH | 722  | 737 |
    | SANDSTONE & CLAY | 737  | 732 |
    | EST 1200 GPM IN LAST 50' |       |    |

Work started ______ Completed ______

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 ____________________________

DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE

MAY 16 1977

[Signature] ____________________________
(Well Driller)

License No. 3601 Date ______

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

(1) OWNER: Name: Hahn Motors

LOCATION OF WELL: County: Yakima

(2a) STREET ADDRESS OF WELL (or nearest address)_

(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 ☐ Driven ☐ Reconditioned ☑ Rotation ☩ Jettied ☑

DIMENSIONS: Diameter of well 2 inches.
Drilled 27 feet. Depth of completed well 27 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 2 Diam. from 0 ft. to 27 ft.

Liner installed: Diam. from ft. to ft.

Threaded: Diam. from ft. to ft.

Perforations: Yes ☑ No ☐

Type of perforator used

SIZE of perforations

perforations from in. to in.

Screens: Yes ☑ No ☐

Manufacturer’s Name: Ardvark

Type: sch. 40 pvc

Model No.

Diam. 2” Slot size 10 ft. from 17 ft. to 27 ft.

Diam. Slot size 10 ft. from ft.

Gravel packed: Yes ☑ No ☐ Size of gravel 3-12

Gravel placed from 15 ft. to 27 ft.

Surface seal: Yes ☑ No ☐ To what depth? 15 ft.

Material used in seal

Did any strata contain usable water? Yes ☑ No ☐

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

Static level 20 ft. below top of well Date 4/31/91 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

calibr test gal. min. with ft. drawdown after hrs.

Artesian test gal. min. with stem set at ft. for hrs.

Artesian 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.

Monitoring well # 031534-1

loam, some gravel 0 2

gravel, cobbles, sand 2 9

silt, w/gravel 9 11

gravel, cobbles, sand, dry 11 19

capillary zone 19 21

gavel, silt, sand, damp 21 25

gavel, sand, water producing 21 27

3 to 5 gpm from 6 inch temporary well casing.

Monitoring well # 031534-2

same as above

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 Cassel Drilling, Pump & electric

PERSON FIRM OR CORPORATION (TYPE OR PRINT)

Address 1308 Voelker, Yakima, Wa. 98902

Contractor’s Registration No. CasselDr317cp Date 1/91 1991

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

OWNER: CAMERON YAKIMA
Address: 1414 S 15TH ST YAKIMA

2) LOCATION OF WELL: County: YAKIMA

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

3) PROPOSED USE: ☐ Domestic ☐ Irrigation ☐ Industrial ☐ Municipal ☐ Other X

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

5) DIMENSIONS: Diameter of well 22 inches
Drilled 22 feet. Depth of completed well 22 ft.

3) CONSTRUCTION DETAILS:
Casing installed: ☐ 2 ♦ Diam. from 0 ft. to 7 ft.
Welded ☐, Laser installed ☐
Perforations: Yes ☐, No ☐
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.

Manufacturer's Name
Pump: HYDRANETIC
Model No.

2 Slot size: 1-1/2 from 7 ft. to 22 ft.
Gravel packed: Yes ☐, No ☐, Size of gravel # S1 # S8 # S16

Surface seal: Yes ☐, No ☐, To what depth?
Material used in seal:

2) 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)

Date of test:

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

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: RIEBE WELL DRILLING

Address: 13366 YAKIMA WA

License No. 0422

Contractor's Registration No.

Date 8-24-87

(Signed) John Riebe

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

OWNER: Name: CAMERON YAKIMA
Address: 1444 50 1st St Yakima

2) LOCATION OF WELL: County: Yakima
2a) STREET ADDRESS OF WELL (or nearest address)

3) PROPOSED USE: Domestic [,] Irrigation [,] DeWater [,] Test Well [,] Other []

4) TYPE OF WORK:
Abandoned [] New well [] Method: Dug [] Bored []
Deepened [] Cable [] Driven []
Reconditioned [] Rotary [] Jetted []

5) DIMENSIONS:
Diameter of well: 22 inches
Drilled: 22 feet. Depth of completed well: 22 ft.

3) CONSTRUCTION DETAILS:
Casing installed: 2 Diam. from 0 ft. to 7 ft.
Welded: [] Diam. from ft. to ft.
Liner installed: [] 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: HYDROFILIC
Model No.
L. ______ Slot size: 1/2 in. from 7 ft. to 22 ft.
Diam. slot size: ft. to ft.
Gravel packed: Yes [X] No [ ] Size of gravel: 1/8 in. to 1/4 in.
Gravel placed from ft. to ft.

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

1) PUMP:
Manufacturer's Name:

1) WATER LEVELS:
Land-surface elevation above mean sea level: 1218 ft.
Static level: 1218 ft. below top of well Date: 8-23-89
Artesian pressure: lbs. per square inch Date:
Artesian water is controlled by:

1) WELL TESTS:
Drawdown is among water level is lowered below static level
Was a pump test made? Yes [X] No [ ] If yes, by whom? RIEBE
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: 8-23-89
Bailer test: ______ gal/min. with ______ ft. drawdown after ______ hrs.
Airest: ______ gal/min. with stem set at ______ ft. for ______ hrs.
Artesian tow: ______ 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: RIEBE GLEN DRILLING
(PERSON, FIRM OR CORPORATION) TYPE OR PRINT
Address: POB01856 106 Yakima WA

(Signed) John RIEBE License No. 0422
Contractor's Registration No. 05321 Date: 8-24-89

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

**STATE OF WASHINGTON**

**OWNER:** Name: **Cameron Yakima**
Address: **1414 S 13 STREET, YAKIMA WA**

**LOCATION OF WELL:**County: **YAKIMA**

**STREET ADDRESS OF WELL:** **1414 S 13 STREET, YAKIMA WA**

**PROPOSED USE:**
- Domestic □
- Irrigation □
- Domestic Irrigation □
- Domestic Water □
- Municipal □
- Other **X**

**TYPE OF WORK:**
- Owner's number of well: **1**
- Abandoned [ ]
- New well [X]
- Depleted [ ]
- Improved [ ]
- Reconditioned [ ]
- Rotated [ ]
- Bored [ ]
- Driven [ ]
- Jetted [ ]
- Other [ ]

**DIMENSIONS:**
- Diameter of well: **2** inches
- Drilled: **25** feet
- Depth of completed well: **25** feet

**CONSTRUCTION DETAILS:**
- Diams. from: **ft. to ft.**
- Diams. from: **ft. to ft.**
- Diams. from: **ft. to ft.**
- Perforations from: **ft. to ft.**
- Perforations from: **ft. to ft.**
- Perforations from: **ft. to ft.**

**Screens:**
- Yes [X]
- No [ ]
- Manufacturer's Name: **Hydroplic**
- Type: **PVC**
- Model No: **[ ]**
- Diam. 2 [ ]
- Slot size [ ]
- Slotted 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: **[ ]**
- Material used in seal: **[ ]**
- Did any strata contain unusable water? Yes [ ]
- No [X]
- Type of water: **[ ]**
- Depth of strata: **[ ]**
- Method of sealing strata off: **[ ]**

**Pumps:**
- Manufacturer's Name: **[ ]**
- Type: **[ ]**

**WATER LEVELS:**
- Land-surface elevation: **13**
- Above mean sea level: **[ ]**
- Ft. below top of well: **[ ]**
- Date: **8-28-79**
- Artesian pressure: **[ ]**
- Lbs. per square inch: **[ ]**
- Date: **[ ]**
- Artesian water controlled by **[ ]**

**WELL TESTS:**
- Drawdown: 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: **[ ]**

**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:** **Ricke Well Drilling Inc**
**Address:** **109 N. SE 5th St, Yakima, WA**
**Type or Print:**

**License No.**
**Contractor's Reg. No.**
**Date: 9-25-79**

(Signed) **Am Ricke**

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

OWNER: Name: CAMERON YAKIMA
Address: 1414 S. 1ST STREET, YAKIMA

LOCATION OF WELL: County: YAKIMA
NW 1/4 SE 1/4, Sec. 30, T. 13 N., R. 19 W.M.

STREET ADDRESS OF WELL (or nearest address):

PROPOSED USE: Domestic ☐ Irrigation ☐ Municipal ☐ DeWater ☐ Other ☒

TYPE OF WORK: Owner's number of well (if more than one)
Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐ Roundreamed ☐ Rotory ☐ Jetted ☐
Deepened ☐ Cable ☐ Reused ☐

DIMENSIONS: Diameter of well: 24 inches.
Drilled: 226.6 feet. Depth of completed well: 226 ft.

CONSTRUCTION DETAILS:
Casing installed: 2
Diam. from 0 ft. to 7 ft.
Welded ☐ Liner installed ☐ Diam. from 7 ft. to 1 ft.
Threaded ☒ Diam. from 1 ft. to 7 ft.

Perforations: Yes ☒ No ☐
Type of perforator used:
SIZE of perforations: la. by in.

Screens: Yes ☒ No ☐
Manufacturer's Name: HYDROPHIC
Type: P1C Model No. 1226
Diam. from 7 ft. to 226 ft.
Diam. from 226 ft. to 84 ft.

Gravel packed: Yes ☒ No ☐ Size of gravel:
Gravel placed from:

Surface seal: Yes ☐ No ☒ To what depth?
Material used in seal:

Did any strata contain unsuitable water? Yes ☐ No ☒ Depth of strata:
Type of water:
Method of sealing strata:

PUMP: Manufacturer's Name:
Type:

WATER LEVELS:
Land-surface elevation:
Static level: 12' 9" ft. below top of well Date: 9-23
Artesian pressure:
Artesian water 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:
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Date of test:

Bailey test:
Artic test:
Artesian flow:
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: RIEBE WELL DRILLING INC
Address: PO BOX 10946 YAKIMA WA
(Signed) SMITH License No. 1335
WELL DRILLER
Registration No. 133KI Date 8-24-01

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

OWNER: Name CAMERON YAKIMA
Address 1414 SO 1ST ST, YAKIMA, WA

(2) LOCATION OF WELL: County YAKIMA
(2a) STREET ADDRESS OF WELL (or nearest address): Nw \ 56.4 Sec 30 13 R, 19 W M

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

(4) TYPE OF WORK: Owner's number of well 2
Abandoned [ ] New well [ ] Method: Dug [ ] Bored [ ]
Deepened [ ] Reconditioned [ ] Cable [ ] Rotary [ ]
[ ] Deepened [ ] Rota [ ]

(5) DIMENSIONS: Diameter of well 6.2 inches
Drilled 22 feet, Depth of completed well 22 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: Yes [ ] No [ ]
[ ] Diameter, ft.
[ ] Length, ft.

Welded [ ] Liner installed [ ]
[ ] Diameter, ft.
[ ] Length, ft.

Threaded [ ]
[ ] Diameter, ft.
[ ] Length, ft.

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

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

Screens: Yes [ ] No [ ]
Manufacturers Name HYDROPHILIC

Type PVC [ ]
[ ] Model No.

Diam. ft. Slot size in. ft. 12” from ft. to 22”

Gravel packed: Yes [ ] No [ ]
[ ] Size of gravel, in.

Gravel placed from ft. to ft.

Surface seal: Yes [ ] No [ ]
[ ] To what depth, ft.

Material used in seal, BENZOLIC-HYDRO

Did any strata contain unusable water? Yes [ ] No [ ]
[ ] Type of water, Depth of strata, ft.

Method of sealing strata off

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

(8) WATER LEVELS:
Static level ft. below top of well Date 8-25-89
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 so, 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.

Air test gal./min. with stem set at ft. fer.

Artesian flow 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.

NAME RIEBE WELL DRILLING INC
(PERSON, FIRM, OR CORPORATION) TYPE OR PRINT
Address PO BOX 10966, YAKIMA WA

(Signed) John Riebe
(WELL DRILLER) License No. 0422

Contractor's Registration No. 32K1 Date 8-25-89

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

OWNER: Name: Tidabo Inc.
Address: P.O. Box 1644 Yakima, WA 98901

LOCATION OF WELL: County: Yakima

STREET ADDRESS OF WELL (or nearest address): 

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

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

DIMENSIONS: Diameter of well: 8 inches.
Drilled: 45 feet; Depth of completed well: 45 ft.

CONSTRUCTION DETAILS:

Casing installed: Dia. from 7 ft. to 45 ft.
Welded: Dia. from ft. to ft.
Linered: Dia. from ft. to ft.
Threaded: Dia. 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: PVC ☑
Model No:
Diem: 6 in. Slot size: 0.1 in. from 35 ft. to 45 ft.

Gravel packed: Yes ☑ No ☐
Size of gravel

Gravel placed from ft. to ft.

Surface seal: Yes ☑ No ☐ To what depth? 35 ft.
Material used in seal: Ben-Con 8843
Did any strata contain usable water? Yes ☑ No ☐
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: ft.
Static level: 38 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 ☑ No ☐ If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.

Recovery rate (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

Sailor 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 ☐

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: Ponderosa Drilling & Development, Inc.
Address: East 6010 Broadway Spokane, WA 99212

(Signed) [Signature]
License No: 12385
Contractor's Registration No: 29 10-10 24875
Reg. Date November 12, 1982

(USE ADDITIONAL SHEETS IF NECESSARY)
RECORD BY WELL DRILLER OR OTHER CONSTRUCTOR OF WORKS FOR WITHDRAWAL OF GROUND WATER

Under Permit No. G.W.  

("The well driller or other constructor of works for the withdrawal of public ground waters shall be obligated to furnish the permittee a certified record of the factual information necessary to show compliance with the provisions of this section." Sec. 8, Chap. 283, Laws of 1945.)

1. WOODS INDUSTRIES, Inc., P. O. Box 574, Yakima, Washington
   (Name and address of owner of well or other works for withdrawal of water)

2. Type; name or number of works where water is taken: **well**
   (Well, tunnel or infiltration trench)

3. Date on which work on well or other structure was started: **approximately 30 years ago**

4. Date on which work was completed: **approximately 30 years ago**

5. If work on well or other structure was abandoned, give date: **not applicable**
   and reason for abandonment: **not abandoned**

6. DESCRIPTION OF WORKS:
   (a) WELL: Depth: **150 ft.** Diameter: **eight in.** or ft. Dug or drilled: **drilled**
       Flowing or pump well: **flowing** Water Temp. **55°F.**
       If PUMP WELL: Type and size of pump is: **centrifugal, 125 g.p.m. @ 30 lbs.**
       Type and size of motor or engine is: **3 H.P.**
       Depth from ground surface to water level before pumping: **flowing-artesian** feet
       After continuous operation for: **four** hours, the measured discharge of the pump is
       **200** g.p.m., and the drawdown of water level is: **eight** feet
       (Pumping level minus static water level)
       Recovery data (taken after pump has been shut off) (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>
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</tbody>
</table>

Date of test: **June, 1962**

If FLOWING WELL: Measured discharge: **35 g.p.m.** on **date of construction** (Date)

Shut-in pressure at ground surface: **unknown** lbs. per sq. in. on **date of construction** (Date)

Water is controlled by: **Cap and valve** (Cap, valve, etc.)

CASING: (Give diameter, commercial specifications and depth below ground surface of each
The well drilling records of this well are not available. When the well was tested at 200 g.p.m. the water showed presence of round sand; the same showed considerable mineralization.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Thickness (Feet)</th>
<th>Depth to bottom (Feet)</th>
</tr>
</thead>
</table>

(b) INFILTRATION TRENCH OR TUNNEL: Type **not applicable**.

Dimensions: (Tunnel—length, course, and cross-sectional size)  (Trench—minimum and maximum depths)

Bottom width ft. Discharge g.p.m. Date of test

Position of water bearing stratum with reference to portal of tunnel

Sec. 31 Twp. 13N. Rge. 19 E.W.M.

Show approximate location of well or other works with (X) on section plat at left.

WOODS INDUSTRIES Inc., a
Washington Corporation

by

Signature of well driller or other contractor

President

Address
W-1 was excavated to ground water. Then the entire stainless steel well was removed, and samples were taken at bottom.

Note: A silt analysis was done on both native soil of the backfill soil. To determine what to use for backfill material. The excavation will be backfilled when all contaminated soil is removed.
Excavation

2" stainless riser

2" stainless screen

0.10 slot

Bottom 82'+

NOTE: A soil analysis was done on both the native soil and the backfill soil. To determine what to use for backfill material.

The excavation will be backfilled when all contaminated soil is removed.
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: Woods Indus. w-2D
WELL IDENTIFICATION NO.: W-2D
DRILLING METHOD: Abandonment
DRILLER: John W. Adams #1227
FIRM: Adams & Adams Excavating & Drilling
SIGNATURE: John W. Adams
CONSULTING FIRM:
REPRESENTATIVE:

COUNTY: Yankton
LOCATION: 31-1/4 Sec 31, Tr. 172B
STREET ADDRESS OF WELL: 41 Foot King St
Yankton, SD 78501
WATER LEVEL ELEVATION:
GROUND SURFACE ELEVATION:
INSTALLED:
DEVELOPED:

AS-BUILT

WELL DATA

FORMATION DESCRIPTION

I ran 1 1/2 stainless pipe to the bottom. They pumped 400 gallons of water from the bottom up to the top. I then smelled a cap trap on top and pressured up to 30 psi. Since I could pressure (force) the pump into the formation I repeated the process of pressuring up and holding pressure for 2 minutes. I repeated this process 3 times. The well was abandoned properly.

2" stainless steel 0.010 slot screen
10 3/4' deep

Bottom 415? Feet

SCALE: 1" = PAGE 1 OF 2

056-12 (Rev 11/89)
NOTE: Elevations surveyed by Rogers Surveying Inc. relative to National Geodetic Vertical Datum.
WATER WELL REPORT
STATE OF WASHINGTON

1) OWNER: Name \[NAME\]  Address

LOCATION OF WELL: County: [COUNTY]  Township: [TOWNSHIP]  Section: [SECTION]  Range: [RANGE]  Quarter Section: [QUARTER]

2) PROPOSED USE: Domestic [X]  Industrial [ ]  Municipal [ ]

3) Irrigation [ ]  Test Well [ ]  Other [ ]

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

Deepened [ ]  Cable [ ]  Driven [ ]

Reconditioned [ ]  Rotary [ ]  Jetted [ ]

5) DIMENSIONS: Diameter of well: 6 inches.  Depth of completed well: 75 ft.

6) CONSTRUCTION DETAILS:

Casing installed: 6 ft. Diameter from 75 ft. to 150 ft.

Threaded [ ]  Diam. from 75 ft. to 150 ft.

Welded [ ]  Diam. from 75 ft. to 150 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: [NAME]

Type: [TYPE]

Model No: [MODEL]

Diam. of Slot size: 1/2 in. from 3 ft. to 175 ft.

Diam. of Slot size: 2 in. from 175 ft. to 200 ft.

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

Gravel placed from ft. to ft.

Surface seal: Yes [X]  No [ ]

To what depth? 25 ft.  Material used in seal:

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

Type of water:  Depth of strata:

Method of sealing strata:

7) PUMP: Manufacturer's Name: [NAME]

Type: [TYPE]

8) WATER LEVELS:

Land-surface elevation above mean sea level: ft.

Static level: 11 ft. below top of well  Date: [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: 15 gpm with 5/12 ft. drawdown after 11 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 flow: gpm. Date:

Temperature of water: Was a chemical analysis made? Yes [X]  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: [NAME]

(Person or firm or corporation)  (Type or print)

Address: [ADDRESS]

[Signature]  (Well Driller)

License No: [LICENSE]

Date: [DATE]

(USE ADDITIONAL SHEETS IF NECESSARY)
AS-BUILT

Bumper Posts X3
Locking well protector
Concrete

WELL DATA

Cement/Bentonite
grout

Formation Description

poorly sorted brown-gray alluvial gravels
large cobbles, thin layers of clay cementation

50

Bentonite slurry
seal

40

Grade 70
U. fine sand

10 - 20 sand pack

30

304 stainless

20

304 Stainless

10

0

SCALE: 1" = 10 feet
# RESOURCE PROTECTION WELL REPORT

**PROJECT NAME:** Woods Industries  
**WELL IDENTIFICATION NO.:** W1-11 D  
**DRILLING METHOD:** Cable Tool  
**DRILLER:** Don Kruger  
**FIRM:** Onwege Drilling  
**SIGNATURE:**  
**CONSULTING FIRM:** John Mathis & Assoc.  
**REPRESENTATIVE:** Donald A.  

**COUNTY:** Yakima  
**LOCATION:** 90W 1/4 NE 1/4 Sec 31 Tm 13N R 19E  
**STREET ADDRESS OF WELL:** 2 E King St. Yakima WA  
**WATER LEVEL ELEVATION:** ~ 1011  
**GROUND SURFACE ELEVATION:** ~ 1018  
**INSTALLED:** 8-7-90  
**DEVELOPED:** 9-11-90  

## AS-BUILT

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Concrete</td>
</tr>
<tr>
<td>3</td>
<td>3 protector buffer pack</td>
</tr>
<tr>
<td>5</td>
<td>Locking well protector</td>
</tr>
<tr>
<td>5.5</td>
<td>5# cement/Bentonite Grease</td>
</tr>
<tr>
<td>11.4</td>
<td>Stainless riser</td>
</tr>
<tr>
<td>38</td>
<td>18in sand pack</td>
</tr>
<tr>
<td>43</td>
<td>18in 3# stainless screen 5ft</td>
</tr>
<tr>
<td>50</td>
<td>18in sand pack</td>
</tr>
<tr>
<td>52</td>
<td>30-4 stainless</td>
</tr>
</tbody>
</table>

## WELL DATA

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Cement/Bentonite Grease</td>
</tr>
<tr>
<td>11.4</td>
<td>Stainless riser</td>
</tr>
<tr>
<td>38</td>
<td>Sand pack</td>
</tr>
<tr>
<td>43</td>
<td>Stainless screen 5ft</td>
</tr>
</tbody>
</table>

## FORMATION DESCRIPTION

Poorly sorted brown-gray alluvial gravels. Large cobbles well rounded, thin layers of semi cemented by clay.
## RESOURCE PROTECTION WELL REPORT

**PROJECT NAME:** Woods Industries  
**WELL IDENTIFICATION NO.:** W-9  
**DRILLING METHOD:** Hollow Stem Auger  
**DRILLER:** J. Bignall 1971  
**FIRM:** Mathes Exploration  
**SIGNATURE:**  
**CONSULTING FIRM:** John Mathes & Assoc.  
**REPRESENTATIVE:** K. Hugill  
**COUNTY:** Yakima  
**LOCATION:** NW 1/4 NE 1/4 Sec 31 Twn 13N R 19E  
**STREET ADDRESS OF WELL:** 2 E. King St.  
**Yakima 64A**  
**WATER LEVEL ELEVATION:** -1010  
**GROUND SURFACE ELEVATION:** -1015  
**INSTALLED:** 7-21-90  
**DEVELOPED:** 9-10-90

### AS-BUILT

- 3 x bender posts
- Locking well protector
- Concrete
- Bentonite plug perk + seal
- 2" dia 304 stainless riser
- 2" dia 304 stainless 0/10 slot screen
- 16-20 sand back pack
- 2" dia 304 stainless screen

### FORMATION DESCRIPTION

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Formation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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<tr>
<td>5</td>
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<tr>
<td>10</td>
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<tr>
<td>15</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**SCALE:** 1" = 5'-0"  
**PAGE** OF **OF**

ECY 050-12 (Rev. 11/89)
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: Woods Industries
WELL IDENTIFICATION NO.: W-6
DRILLING METHOD: Cable Tool
DRILLER: Dan Kreger
FIRM: Conways Drilling
SIGNATURE:
CONSULTING FIRM: John Matus + Assoc
REPRESENTATIVE: Donald A. Robbins

COUNTY: Yakima
LOCATION: NW ¼ NE ¼ Sec 31 Tm 12N RGE 7
STREET ADDRESS OF WELL: 2 F King St.
Yakima WA
WATER LEVEL ELEVATION: -10/10
GROUND SURFACE ELEVATION: -10/15
INSTALLED: 8-28-90
DEVELOPED: 9-9-90

AS-BUILT

WELL DATA

FORMATION DESCRIPTION

LOCKING WELL PROTECTOR
3 x Bumper Post

Pecky sorted brown-gray alluvial gravels-large cobbles, well rounded-layers of higher clay content.

Bentonite pellets
304 stainless riser

10-20 sand and silt

10-20 silts

20-30 silts

304 stainless

B 8" Screen

304 stainless

18" Screen

SCALE: 1" = 5

ECY 050-12 (Rev. 11/89)
**AS-BUILT**

- Bumper posts X3
- Locking well protector flush mount
- Concrete

**WELL DATA**

- 57/8 Cement/Bentonite Grout
- 304 stainless riser
- Bentonite slurry seal
- Grade 70 V. fine sand
- 10-20 sand pack
- 10-30 slat 304 stainless screen 8 ft

**FORMATION DESCRIPTION**

- Poorly sorted brown-gray alluvial gravels - large cobbles, well rounded - thin layers of semi cementation with clay

---

**SCALE:** 1" = 10 ft

**PAGE** 1 OF 1
### RESOURCE PROTECTION WELL REPORT

**PROJECT NAME:** Woods Industries  
**WELL IDENTIFICATION NO.:** W-5S  
**DRILLING METHOD:** Cable Tool  
**DRILLER:** Owego Drilling Don Kuepper  
**COUNTY:** Yakima  
**LOCATION:** Nw1/4 NE 1/4 Sec 37 Twin LN R AE  
**STREET ADDRESS OF WELL:** 2 1/2 King St  
**WATER LEVEL ELEVATION:** -1011  
**GROUND SURFACE ELEVATION:** -1018  
**INSTALLATION:** 8-17-90  
**DEVELOPED:** 9-11-90

---

#### AS-BUILT

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Concrete</td>
</tr>
<tr>
<td>3</td>
<td>Bentone pellets</td>
</tr>
<tr>
<td>8</td>
<td>304 Stainless riser</td>
</tr>
<tr>
<td>10-20</td>
<td>10-20 sand pack</td>
</tr>
<tr>
<td>20</td>
<td>.040 slot Stainless steel screen</td>
</tr>
</tbody>
</table>
| 30    | 304 Stainless  
| 38    | Bumper posts x3 |

---

#### WELL DATA

- Poorly sorted, brown-gray alluvial gravel - large cobbles well rounded layer of higher clay content.

---

#### FORMATION DESCRIPTION
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: John Doe
Address: 123 Main St, Anytown, WA

LOCATION OF WELL: County: King, NE-5 m., NE-5 Sec 31 T.13 N., R.19 W.

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

(4) TYPE OF WORK: Owner's number of well 12345
Method: Drilled [ ] Bored [ ] New well [ ] Reconditioned [ ] Rotary [ ] Jetted [ ]
Deepened [ ] Cable [ ] Driven [ ]

(5) DIMENSIONS: Diameter of well 8" 6" inches.
Depth of completed well 16.3 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 4" Diam. from 0 ft. to 5 ft.
Threaded: 4" Diam. from 5 ft. to 10 ft.
Welded: 4" Diam. from 10 ft. to 16.3 ft.

Perforations:
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:
Manufacturer's Name: John Doe
Model No.
Diam. ft. Slot size: in. ft. to 16.3 ft.
Diam. ft. Slot size: in. ft. to 16.3 ft.

Gravel packed:
Yes [ ] No [ ] Size of gravel: 1/4" to 2/3" ft.
Gravel placed from ft. to ft.

Surface seal:
Yes [ ] No [ ] To what depth: 16.3 ft.
Material used in seal:
Did any strata contain unusable water? Yes [ ] No [ ]
Type of water: Usable
Method of sealing strata:

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

(8) WATER LEVELS:
Land-surface elevation above mean sea level: 150 ft.
Static level: 5 ft. below top of well Date: 1/1/56
Artesian pressure: lbs. per square inch Date: 1/1/56
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: 12 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 aquifiers 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>Clay sand</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Clay sand</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Clay sand</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Clay sand</td>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>

All material contained in site.

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: John Doe
Address: 123 Main St, Anytown, WA

[Signature]...

License No. D12345 C12-U Date: 1/23/56
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Name: S. NO. 185
Address: 4746 N.E., Sec. 31, T. 13 N., R. 9 W.M.

LOCATION OF WELL: County: Pierce
Beating and distance from section or subdivision corner: 

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

TYPE OF WORK: Owner's number of well (if more than one) 3
New well ☐ Method: Dig ☐ Bored ☐ Deepened ☐ Cable ☐ Driven ☐ Reconditioned ☐ Rotary ☐ Jetted ☐

DIMENSIONS:
Drilled 28-1/2 ft. Depth of completed well 47-7/16 ft.

CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from ft. to 41-9/16 ft.
Threaded ☐ Diam. from ft. to ft. Welled ☐ Diam. from ft. to ft.

Perforations:
Yes ☐ 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 ☐ No ☐
Manufacturer's Name: P. U.
Type: Model No. E 34
Diam. Slot size ft. from ft. to ft. Slot size ft. from ft. to ft.

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

Surface seal:
Yes ☐ No ☐ To what depth? 14.5 ft.
Material used in seal: S. Cement
Did any strata contain unusable water? Yes ☐ No ☐
Type of water: Depth of strata:
Method of sealing strata off:

PUMP:
Manufacturer's Name: 370-615
Type: 370-615 H.P. 5

WATER LEVELS:
Land-surface elevation above mean sea level.
Static level 115 ft.
Artesian pressure lbs. per square inch Date:
Artesian water is controlled by (Capp. 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: 110 gal. min. with 31 ft. drawdown after hrs.

RECOVERY TIME (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:
Bailere test: gal./min. E.p.m. Date:
Artesian flow lbs. per square inch Date:
Temperature of water 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: C.E. Gill, Well Drilling
Address: 1450 N.E. 24th Ave., YAKIMA

(Signed) (Well Driller)

License No. C.6.13 Date: 10/21/1995

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

OWNER: Morrison

LOCATION OF WELL: Yakima

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 8 x 10 inches. Drilled 57 ft. Depth of completed well 54 ft.

CONSTRUCTION DETAILS:
Casing installed: 2" Diam. from 11.5 ft. to 14 ft. Threading [ ] 2" Diam. from 47 ft. to 53 ft. Welded [ ] 2" Diam. from 1.5 ft. to 1.5 ft.

Perforations: Yes [ ] No [ ]
Type of perforator used: Johnson
SIZE of perforations: 0.1 in. by 0.1 in.
perforations from: ft. to ft.
perforations from: ft. to ft.
perforations from: ft. to ft.

Screens: Yes [ ] No [ ]
Manufacturer's Name: Johnson
Type: Stainless
Diam. Slot size: 8 x 10 from 1 1/2 ft. to 7 ft.
Diam. Slot size: 8 x 10 from 3 1/2 ft. to 13 ft.

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

Surface seal: Yes [ ] No [ ] To what depth? 3 ft.
Material used in seal: Bentonite
Did any strata contain unusable water? Yes [ ] No [ ]
Type of water: Depth of strata: ft.
Method of sealing strata off: (Cap, valve, etc.)

PUMP: Manufacturer's Name:
Type:

WATER LEVELS:
Land-surface elevation: ft. above mean sea level:
Statte level: 7.5 ft. below top of well Date: 7/14/56
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 [ ]
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 [ ]

USE ADDITIONAL SHEETS IF NECESSARY

DEPARTMENT OF ECOLOGY
CENTRAL REGION 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: Rebe Well Drilling
Type or print
Address: 1550 E. W.S. Hill Yakima

[Signature] John H. Rebe
Well Driller

License No. 0.472 May 10 Date: 7/29/56
### WATER WELL REPORT

**STATE OF WASHINGTON**

**OWNER:** Name: MORRISON KAWAHA

Address: PO. BOX 7908 TO 531 07

**LOCATION OF WELL:** County: YAKIMA

Bearing and distance from section or subdivision corner: NW 1/4 NW 1/4 Sec. 31 T. 13 N., R. 19 W.

**PROPPOSED USE:** Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☒ Other ☐

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

New well ☐ Method: Dug ☐ Bored ☐ Drill感官化 ☐ Reconstructed ☐ Rotary ☒ Jetted ☐

**DIMENSIONS:** Drilled: 22 ft. Diameter of well: 8 x 4 inches. Depth of completed well: 21 ft.

**CONSTRUCTION DETAILS:**

Casing installed: 4" Diam. from 4 ft. to 7 ft.

Threaded ☒ Diam. from ft. to ft.

Welded ☐ Diam. from ft. to ft.

Perforations: Yes ☐ No ☒

Type of perforator used: Johnson

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: M-15 Model No.

Diam. Slot size from ft. to ft.

Diam. Slot size from ft. to ft.

Gravel packed: Yes ☒ No ☐

Size of gravel: 7/16 in.

Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐

To what depth: 6 ft.

Material used in seal: Amount: 100 ft.

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: 1000 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 ☐

Yield: 12 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>
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</thead>
<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

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 ☐

**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:** KIESE WELL DRILLING

Address: 1503 E. WASH HILL

[Signature]...

(Well Driller)

License No: 0122 Date: 7/28/56

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

OWNER: Name: MAUISEN-HUDSON ENG. INC. Address: PO BOX 75, CENA, ID 53747

LOCATION OF WELL: County: YAKIMA NE: NW 1/4 SE: 31 T.13N. R.13W.

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 (if more than one): 1
New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS:
Diameter of well: 8.24 inches
Drilled: 17.6 ft. Depth of completed well: 23.16 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 4" Diam. from 4 ft. to 74 ft.
Threaded ☑ Dia. from: ft. to ft.
Welded ☐ Dia. 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.
perforations from ft. to ft.

Screens: Yes ☑ No ☐
Manufacturer’s Name: JOHNSON
Type: 5/15
Model No.: 500TW
Dia.: 4" Slot size: from ft. to ft.
Dia.: 2.5" Slot size: from ft. to ft.

Gravel packed: Yes ☑ No ☐ Size of gravel: 3/8"
Gravel placed from ft. to 24 ft.

Surface seal: Yes ☑ No ☐ To what depth? 2 ft.
Material used in seal:
Did any strata contain unusable water? Yes ☑ No ☐
Type of water:
Depth of strata:
Method of sealing strata:

(7) PUMP: Manufacturer’s Name: H.P.

Type:

(8) WATER LEVELS:
Land-surface elevation above mean sea level: 1020 ft.
Static level: 9 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: ENG
Yield: 10 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>
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<th>TO</th>
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<tr>
<td>N.W. 1/4 SE 31</td>
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<td>2</td>
</tr>
<tr>
<td>SAND &amp; SILT SAND (SIL)</td>
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<td>3</td>
</tr>
<tr>
<td>GRAY SAND</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>BLACK SAND &amp; SILT SAND OIL</td>
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<td>7</td>
</tr>
<tr>
<td>IRON SAND &amp; CONGLOMERATE</td>
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<td>12</td>
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<tr>
<td>BLUES SAND (N)</td>
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<td>18</td>
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<tr>
<td>BROWN SAND (N)</td>
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<td>20</td>
</tr>
<tr>
<td>GRAY SAND &amp; SILT WATER</td>
<td>17</td>
<td>23</td>
</tr>
</tbody>
</table>

All material contained on site:

DEPARTMENT OF ECOLOGY
CENTRAL REGION OFFICE

Work started: 7/15/66, 19... Completed: 7/18/66, 19...

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: [Printed Name]
(Person, firm, or corporation) (Type or print)
Address: 1523 E. N 14 1/2 (YAKIMA)

[Signature] [Signature] (Well Driller)

License No.: 04.75 C.I.W. Date: 7/21/66, 19...

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

(1) OWNER: Name:

(2) LOCATION OF WELL: County:

(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:
Drilled:
Depth of completed well:

(6) CONSTRUCTION DETAILS:
Casing installed:
Perforations:
Yes □ No □
Type of perforator used:

SIZE of perforations:
Perforations from:

Screen:
Yes □ No □
Manufacturer's Name:
Model No:
Type:
P.V.C
Diam.:
Slot size:
Gravel packed:
Yes □ No □
Size of gravel:
Gravel placed from:

Surface seal:
Yes □ No □ To what depth:
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:

(8) WATER LEVELS: Land-surface elevation:
Static level:
Artesian pressure:
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)

Date of test:

Boiler test:
gal./min. with ft. drawdown after hrs.
Artesian flow:
Date:
Temperature of water:
Was a chemical analysis made:
Yes □ No □

(10) WELL LOG: Monitoring Well
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 formation.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAND AND SEPILE HON.</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>SILT AND SEPILE HON.</td>
<td>14</td>
<td>19</td>
</tr>
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<td>SAND AND SEPILE HON.</td>
<td>9</td>
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<tr>
<td>GRAVEL AND SEPILE HON.</td>
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</tr>
<tr>
<td>SAND AND SEPILE HON.</td>
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<td>7</td>
</tr>
<tr>
<td>SAND AND SEPILE HON.</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

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

(1) OWNER: Name: AL FRANK
Address: DAMES & MOORE PO BOX 1405

LOCATION OF WELL: County: YAKIMA
Township: 1ST, Range: 13 N, Section: 31, Range: 19

(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: 2 inches
Depth of completed well: 18 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6” Diam. from 2 ft. to 70 ft.
Threaded ☐ Diam. from ft. to ft.
Welded ☐ Diam. from ft. to ft.
Perforations: Yes ☐ No ☐
Type of perforator used: in. by in.
Size of perforations: ft. to ft.
Perforations from: ft. to ft.
Perforations from: ft. to ft.
Perforations from: ft. to ft.

Screens: Yes ☐ No ☐
Manufacturer's Name: PVC HYDROPHILIC
Type: Diam. 2 Slot size: 2 1/2 ft. to 7/8 ft.
Diam. 3 Slot size: 2 1/2 ft. to 7/8 ft.
Gravel packed: Yes ☐ No ☐
Size of gravel: 1/8 in.
Gravel placed from: ft. to ft.
Surface seal: Yes ☐ No ☐
To what depth: 2 ft.
Material used in seal: 2 ft.
Did any strata contain unusable water? Yes ☐ No ☐
Type of water: N/A
Depth of strata: N/A
Method of sealing strata off: N/A

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

(8) WATER LEVELS:
Land-surface elevation above mean sea level: ft.
Static level: ft. below top of well Date: 1/11/68
Artesian pressure: lbs. per square inch Date: 
Artesian water is controlled by: (C.A.P., 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:
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 strata 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>1</td>
</tr>
<tr>
<td>SILT SAND</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>SAND SAND</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>SAND SAND</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>SAND SAND</td>
<td>7</td>
<td>9</td>
</tr>
<tr>
<td>Silt Sand</td>
<td>9</td>
<td>11</td>
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<tr>
<td>Silt Sand</td>
<td>11</td>
<td>14</td>
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<td>SILT SAND</td>
<td>14</td>
<td>15</td>
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<tr>
<td>SILT SAND</td>
<td>15</td>
<td>19</td>
</tr>
<tr>
<td>Silt Sand</td>
<td>19</td>
<td>20</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: R. E. E. W. D. (Person, firm or corporation) (Type or print)
Address: PO BOX 1383 VUKCA 98905-1866
(Signed) John H. Baker (Well Driller)
License No. 2177 Date: 1/18/68
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Longview Fiber
Address: Longview Rd, Longview, WA 98632

LOCATION OF WELL: County: Grays Harbor

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

(3) PROPOSED USE: □ Domestic □ Irrigation □ Oil/Water Test Well □ Other

(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 2 feet. Depth of completed well 100 feet.

(6) CONSTRUCTION DETAILS:
- Casing installed: 20 ft. Diam. from 4 ft. to 4 ft.
- Liner installed: 20 ft. Diam. from 4 ft. to 4 ft.
- Perforations: Yes
- Screens: Yes
- Manufacturer's Name: Trac-Lock
- Type: PVC
- Slot size: 30 ft. to 10 ft.
- Gravel packed: Yes
- Gravel placed from 4 ft. to 10 ft.
- Surface seal: Yes
- Material used in seal: Bentonite
- Did any strata contain unusable water? No
- Type of water: Depth of strata

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

(8) WATER LEVELS:
- Land-surface elevation above mean sea level:
  Static level: 5 ft.
  Artesian pressure: 50 lbs. per square inch

(9) WELL TESTS:
- Drawdown: gallons per minute (gal./min.)
  Yield: 50 gal./min. with 4 ft. drawdown after 4 hours.
  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 5-10-89
  Artesian flow: p.p.m.
  Temperature of water: 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: Riebe Well Drilling Inc.
Address: P.O. Box 10366, Yakima, WA
License No.: 0422
Registration No.: 132-X1
Date: 5-10-89
WATER WELL REPORT
STATE OF WASHINGTON

OWNER: Name: LONGVIEW FIBER
Address: POB 9069 YAKIMA WA 98907

LOCATION OF WELL: County: YAKIMA
State: WA
Section: 31
Township: 13
Range: R. 19 W.M.

STREET ADDRESS: LONG FIBER ROAD

PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐
DeWater ☐ Test Well ☐ Other ☐

TYPE OF WORK: Owner's number of well (if more than one) 3
Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☒
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☐ Jelled ☐

DIMENSIONS: Diameter of well: 2 inches
Drilled: 10'6" feet, Depth of completed well: 10'6" ft.

CONSTRUCTION DETAILS:
Casing installed: 6 - Diam. from 4 to 6 ft.
Welded ☐ Liner installed ☐ Threaded ☒
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: TRULAY
Type: PVC ☒ Model No.
Diam. 2 ft., Slot size: 20 ft. to 10 ft.
Diam. Slot size: from ft. to ft.
Gravel packed: Yes ☒ No ☐ Size of gravel 10 to 30 CONE
Gravel placed from ft. to 10 ft.
Surface seal: Yes ☒ No ☐ To what depth? ft.
Material used in seal: Bentonite, 3.4' cement to Surface
Did any strata contains unusable water? Yes ☐ No ☒ Depth of strata.
Type of water: ☒ Method of sealing strata off

PUMP: Manufacturer’s Name
Type

WATER LEVELS:
Land-surface elevation above mean sea level 3'66'6" ft.
Static level 10'6" ft. below top of well Date: 5-10-89
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.

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

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

WELL CONSTRUCTOR CERTIFICATION:
I, (CONTRACTOR), hereunder 
(FOREMAN, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address: POB 10840 YAKIMA WA 98907

(Signed) (WELL DRILLER) License No: 14777
Contractor's Registration No: 13241 Date: 5-10-89

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

**State of Washington**

**Owner:** Longview Fiber  
**Address:** 10250 906th, Yakima WA 98909

**Location of Well:** County: Yakima  
**Street Address of Well:** Longfibre Road

(2a) **Street Address of Well (or Nearest Address):** Longfibre Road

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

(3) **Type of Well:**  
- Abandoned [ ]  
- New well [X]  
- Method: Dug [ ]  
- Bored [X]  
- Deepened [ ]  
- Reconditioned [ ]  
- Rotary [ ]  
- Jetted [ ]

(4) **Dimensions:**  
- Diameter of well: 2 inches  
- Depth of completed well: 10' 6" ft.

(5) **Construction Details:**  
- Casing installed: 1 ft. to 4 ft.  
- Liner installed: 1 ft. to 4 ft.  
- Threaded: 1 ft. to 4 ft.

(6) **Perforations:**  
- Perforations: Yes [X]  
- Type of perforator used:  
  - Number of perforations: in. by in.

(7) **Material:**  
- Placement: [ ]  
- Casing: [ ]  
- Cements: [ ]  
- Gravel: [ ]  
- Screen: [ ]  
- Surface seal: [ ]  
- Type of seal:  
  - Bonded: [ ]  
  - Cement to Surface [X]

(8) **Pump:**  
- Manufacturer's Name: Riebe Well Drilling Inc.

(9) **Water Levels:**  
- Land Surface Elevation:  
- Above Mean Sea Level: ft.
- Date: 5/10/89

**Artesian Pressure:**  
- lbs. per square inch: Date:

**Artesian Water:**  
- Controlled by: [ ]

(10) **Well Log or Abandonment Procedure Description:**  
- Description: Describe by color, character, size of material and structure, and show thickness of layers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

<table>
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<th>Material</th>
<th>From</th>
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<td></td>
<td>0</td>
<td>10'6&quot;</td>
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</table>

(11) **Well Constructor Certification:**  
- I, [Name], [Address], hereby certify that this well was constructed and/or abandoned in accordance with the information reported above and that the well meets all Washington well construction standards.

**Well Driller:** Riebe Well Drilling Inc.

**Registration No.:** 15251

**Date:** 5/10/89

**Contractor's Name:** Riebe Well Drilling Inc.

**Address:** 10250 906th, Yakima WA 98909

**License No.:** 0422

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

OWNER: Name: AL FRANK
Address: DIAMORE R.O. # SA H4005

LOCATION OF WELL: County: YAKIMA
Section Sec. 1 T. 13 N. R. 17 W. M.

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

TYPE OF WORK: Owner's number of well: (if more than one:...)
New well □ Method: Dug □ Bored □ Deepened □ Cable □ Driven □ Reconditional □ Rotary □ Jetted □

DIMENSIONS:
Diameter of well: 3 inches.
Depth of completed well: 20' 6" ft.

CONSTRUCTION DETAILS:
Casing installed: 4" Diam. from 12 ft. to 20 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. 
Number of perforations: from to .

Screens: Yes □ No □
Manufacturer's Name: 
Type: 
Diam. 3. Slot size: .125 from 7 ft. to 17 ft.
Diam. 2. Slot size: . from 2 ft. to 7 ft.
Gravel packed: Yes □ No □
Size of gravel: 
Gravel placed from ft. to ft.
Surface seal: Yes □ No □
Material used in seal: 
Did any strata contain unsuitable 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: 
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.

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
Recovery test: gal/min. with ft. drawdown after hrs.
Artesian flow: gpm. Date: 
Temperature of water: 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: RIEBE WELL DRILLING INC
Address: 220 EEX 1-86, YAKIMA 98901-1866
(Signed) 
(Well Driller) 
License No.
Date:

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER WELL REPORT
STATE OF WASHINGTON
Application No. 01506

OWNER: Name: AL FRANK  Address: DAMES + Moore, PO BOX 4485

LOCATION OF WELL: County: YAKIMA  TOWNE 14TH, N., R. 19 W.

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

TYPE OF WORK: Owner's number of well 1 (if more than one):
New well [X] Method: Dug [ ] Bored [ ] Driven [ ] Reconditioned [ ] Rotary [ ] Jetted [ ]

DIMENSIONS:
- Diameter of well: 2 inches
- Depth of completed well: 17 ft.

CONSTRUCTION DETAILS:
- Casing installed: Diam. from 13 ft. to 20 ft.
  - Threaded [ ] Diam. from: 2 ft. to: 12 ft.
  - Welded [ ] Diam. from: 2 ft. to: 12 ft.

Perforations:
- Yes [X] No [ ]
- Type of perforator used: HYDROPHIL.
- 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: HYDROPHIL.
- Type: PVC
- Model No: 60
- Diam. 1 ft. Slot size: 1/8 in. from ft. to ft.
- Diam. 1 ft. Slot size: 1/8 in. from ft. to ft.

Gravel packed:
- Yes [X] No [ ]
- Size of gravel: 1/8 in.
- Gravel placed from ft. to ft.

Surface seal:
- Yes [X] No [ ]
- To what depth: ft.
- Material used in seal: BENTONITE CEMENT
- Did any strata contain unusable water? Yes [X] No [ ]
- Type of water: N/A
- Depth of strata: ft.
- Stopped or sealing strata off: ft.

PUMP:
- Manufacturer's Name: HYDROPHIL.
- Type: Pumps
- H.P.: 0.5 HP

WATER LEVELS:
- Land-surface elevation above mean sea level: 50 ft.
- Static level: 50 ft. below top of well Date: 4/17/88
- 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 [X] No [ ]
- If yes, by whom:
- Yield: gal/min. with ft. drawdown after hre.

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>
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</table>

Date of test after test: gal/min. with ft. drawdown after hre.

Artesian flow: gpm. Date

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

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

NAME: RIEBE WELL DRILLING INC.
(Person, firm, or corporation) (Type or print)
Address: P.O. BOX 1086, YAKIMA 98902.81

[Signature] [Date]

USE ADDITIONAL SHEETS IF NECESSARY
HOLT DRILLING, INC.

Resource Protection Well Report

Project Name: UNION CRAY WATER SYSTEM
Well Identification #: M.S. - W-4
Drilling Method: HSA
Driller: STEVEN MILLER
License #: 1378

Date: 3-8-73
County: WILKES
Section: 31 T. 13N R. 19E
Start Card: 213490
Consulting Firm: HANG WEST

Soil Log

Depth of Components in Feet

0 - 6: Silt/Soil
6 - 10: Gravel w/sand

Stick up 6' on Monument Casing

Type of Surface Seal: CEMENT
Amount: 21.5

ID of Riser Pipe: 3'
Type of Riser Pipe: Steel
Amount:
Type of Connection: Thread

Type of Backfill around Riser: Bentonite
Amount: 25

Diameter of Borehole: 5'

Screen Size or Type: 0.50

Type of Filter Material: 6" Gravel
Amount:

Remarks:

Signature: STEVEN MILLER
Resource Protection Well Report

Project Name: UNION GAP WATER SYSTEM EXPANSION
Well Identification #: MU - W 3
Drilling Method: HSK
Driller: STEVE HAMER
License #: 1988

Depth of Components in Feet

0 - 5' Silt, Clay & Sand
5 - 10' Gravel & Sand
10 - 15' Sand

Stick up: 0 on Monument Casing

Type of Surface Seal: CEMENT
Amount: 15

ID of Riser Pipe: 3" PVC
Type of Riser Pipe: PVC
Amount: 5
Type of Connection: THREADED

Type of Backfill around Riser: BENTONITE
Amount: 2.5
Diameter of Borehole: 3" Screen Size or Type: 020

Type of Filter Material: 10% SAND
Amount: 6

Remarks:

Signature: STEVE HAMER
HOLT DRILLING, INC.

Resource Protection Well Report:

Project Name: UNION GAP WATER SYSTEM EXPANSION
Well Identification #: WLU - 02
Drilling Method: HSA
Driller: STEVE MAXIM
License #: 1234

Date: 3-8-93
County: YAKIMA, SW 1/4 SW 1/4
Section: 21 T 13 N R 19 E
Start Card: 
Consulting Firm: 

Soil Log

Depth of Components in Feet

2 - 4 Silt Sand
1 - 0 Gravel Sand

Stick up: 0 on Monument Casing

Type of Surface Seal: CEMENT
Amount: 1.5

ID of Riser Pipe: 2"
Type of Riser Pipe: PVC
Amount: 
Type of Connection: THREADED

Type of Backfill around Riser: Gravel
Amount: 2.5

Diameter of Borehole: 8" Screen Size or Type: 6/8
Type of Filter Material: 10/20 SAND
Amount: 6

Remarks:

Signature: STEVE MAXIM
HOLT DRILLING, INC.
Resource Protection Well Report

Project Name: UNION GAP WATER SYSTEM EXPANSION
Well Identification #: UNW-1
Drilling Method: HSA
Driller: STEVE HAUER
License #: 1988

Depth of Components in Feet

Soil Log

8 - 15  Gravel + Ruckus L.W./Sand

15

Type of Surface Seal: CEMENT
Amount: 15

Stick up: 5 on Monument Casing

ID of Riser Pipe: 2"
Type of Riser Pipe: PVC
Amount: 5
Type of Connection: THREAD
Type of Backfill around Riser: Bentonite
Amount: 3
Diameter of Borehole: 8"
Screen Size or Type: 0.20
Type of Filter Material: 1/20 Sand
Amount: 15

Remarks:

Signature: STEVE HAUER
HOLT DRILLING, INC.

Resource Protection Well Report

Project Name: WYOMING GAP WATER SYSTEM
Well Identification #: WY061
Drilling Method: HSD
Driller: STEVE HAYMAN
License #: 1583

Depth of Components in Feet

0 - 5
Silty Sand

5 - 10
Gravel 1/8 in 15

Depth of Screen

5'

ID of Riser Pipe

2''

Type of Riser Pipe: PVC

Amount: 15'

Type of Connection: Thread

Type of Backfill around Riser: Bentonite

Amount: 3.5'

Diameter of Borehole: 5''

Screen Size or Type: 0.20

Type of Filter Material: 1/4 in sand

Amount: 6'

Soil Log

Stick up: 6' on Monument Casing

Type of Surface Seal: Cement

Amount: 1.5'

Consulting Firm: H.B. WESK

County: YAKIMA
Section: 21, T.13N, R.19E
Start Card: 313490

Remarks:

Signature: STEVE HAYMAN
HOLT DRILLING, INC.
Resource Protection Well Report

Project Name: UNION GAP WATER SYSTEM EXPANSION
Well Identification #: MJD-52
Drilling Method: HSA
Driller: STEVE R隧AMON
License #: 7388

Depth of Components in Feet

0-7' SHY SAND
7-10' GRAVEL/GRAN 1.5'

Stick up 3 on Monument Casing

Type of Surface Seal: CEMENT
Amount: 1.5'

ID of Riser Pipe: 2"
Type of Riser Pipe: PVC
Amount: 5' 7"
Type of Connection: THREAD
Type of Backfill around Riser: Back Fill
Amount: 3.5'

Diameter of Borehole: 8'

Screen Size or Type: 0.20
Type of Filter Material: 10/20 SAND
Amount: 6'

Remarks:

Signature: STEVE HAMMON
RESOURCES PROTECTION WELL REPORT

PROJECT NAME: \textbf{JACK NOT GAS STATION}
WELL IDENTIFICATION NO: MW.001, 002, 003, 004
DRILLING METHOD: AIR ROTARY
DRILLER: R. KETTLE

SIGNATURE: R. KETTLE
CONSULTING FIRM: \textbf{SHANNON & WILSON}

JOB #: W3026 START CARD NO.: 060902
COUNTY: YAKIMA CITY: YAKIMA
LOCATION: 1/4 NW 1/4 SW 1/4
SEC.: 5 TOWN: 19 N RANGE: 196 E
DATUM: 
WATER LEVEL ELEVATION:
INSTALLED: 5/14/91 5/15/91
DEVELOPED: 

<table>
<thead>
<tr>
<th>WELL DATA</th>
<th>AS BUILT</th>
<th>FORMATION DESCRIPTION</th>
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<td>556 ATTACHED SHEETS</td>
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</table>

SCALE: 1” = \_\_\_\_\_\_\_\_\_| PAGE \_\_\_ OF \_\_\_ |

(206) 927-3173
TELEX: 466762
FAX: (206) 927-3478
Monitoring Well Installation Report - Boring

Project ___________________________ Job No. ___________________________ Date 8/14/91

Location ___________________________ HC Observer: _____________ Driller: _______
Type of Well (Observation, Sampling, etc.) MONITORING

Soil Log Depth of Components in Feet Stick up on Casing Approximate Ground Surface Elevation in Feet

0

SAT

DI

WATER

1

2

3

C

H

I

P

S

20

5

20

20

Type of Surface Seal CONCRETE

ID of Riser Pipe 2"

Type of Riser Pipe PVC SCH 40

Type of Connection TAPPED

Type of Backfill around Riser QUAY

Diameter of Borehole 7"

Type of Tip PVC SCH 40

Screen Size or Type 0.26 SLOT

Type of Filter Material SILICA SAND

10/20
**RESOURCE PROTECTION WELL REPORT**

**PROJECT NAME:** JAGG HOT GAS STATION  
**WELL IDENTIFICATION NO.:** M3.001, 002, 003, 004  
**DRILLING METHOD:** Air Rotary  
**DRILLER:** O. Kettridge, Bill  
**SIGNATURE:** O. Kettridge  
**CONSULTING FIRM:** Stimson & Wilson  
**REPRESENTATIVE:**

**JOB #:** W3026  
**START CARD NO.:** 062407

**COUNTY:** Yakima  
**CITY:** Yakima

**LOCATION:** 1/4 SW 1/4 SW 1/4  
**SEC.:** 5  
**TOWN:** NW  
**RANGE:** 19E  
**DATUM:**

**WATER LEVEL ELEVATION:**

**INSTALLED:** 8/14/91 8/13/91  
**DEVELOPED:**

<table>
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<tr>
<th>WELL DATA</th>
<th>AS BUILT</th>
<th>FORMATION DESCRIPTION</th>
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**SCALE:** 1" = ____________

**SEE SHEETS ATTACHED**

**PAGE ____ OF ____**
Monitoring Well Installation Report - Boring

Project ________________________ Job No. ________________________ Date 8/13/91

Location ________________________ HC Observer ________________________ Driller KEVIND

Type of Well (Observation, Sampling, etc.) Monitoring

Soil Log

Depth of Components in Feet

Approximate Ground Surface Elevation in Feet

Type of Surface Seal

ID of Riser Pipe 4"

Type of Riser Pipe PVC SCH. 40

Type of Connection Threaded

Type of Backfill around Riser CHIPS

Diameter of Borehole 9"

Type of Tip PVC SCH. 40

Screen Size or Type 10/20 SGT

Type of Filter Material SILICA SAND 10/20

25

25

25

10

5

4

C

H

I

P

S

WATER

GRAVEL

SANDY

SANITY
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: **JACK POT GAS STATION**
WELL IDENTIFICATION NO: 303 001, 002, 003, 004
DRILLING METHOD: **Air Rotary**
DRILLER: **C. Kettridge Roll**

SIGNATURE: **C. Kettridge Roll**
CONSULTING FIRM: **Stevenson & Wilson**

JOB #: 063026  START CARD NO.: 063027
COUNTY: **Yakima**  CITY: **Yakima**
LOCATION:  1/4 NW 1/4 SW 1/4
SEC.: 5  TOWN: 11N  RANGE: 19E
DATUM: 
WATER LEVEL ELEVATION: 
INSTALLED: 5/18/91  5/13/91
DEVELOPED: 

<table>
<thead>
<tr>
<th>WELL DATA</th>
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<th>FORMATION DESCRIPTION</th>
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SCALE: 1" = 

SEE SHEETS ATTACHED
**Monitoring Well Installation Report - Boring PMW-001**

**Project**

**Job No.** 1103026  **Date:** 8/12/01

**Location**

HC Observer  **Driller:**

**Type of Well (Observation, Sampling, etc.)** Monitoring

**Soil Log**

**Depth of Components in Feet**

Approximate Ground Surface Elevation in Feet

**Type of Surface Seal** Concrete

**ID of Riser Pipe** 4"  **Type of Riser Pipe** PVC SCH 40  **Type of Connection** THREADED  **Type of Backfill around Riser** CHIPS

**Diameter of Borehole** 9"

**Type of Tip** PVC SCH 40  **Screen Size or Type** 0.20 SHOT  **Type of Filter Material** SILICA SAND 10/30
Monitoring Well Installation Report - Boring

Project: 
Job No.: W3026
Date: 6/13/91

Location: HC Observer: Driller: Ketring

Type of Well (Observation, Sampling, etc.): MONITORING

Soil Log

Depth of Components in Feet

- Soil Log
- Water
- Gravel
- Sand
- Cato
- 10% Silica Sand

ID of Riser Pipe: 2"
Type of Riser Pipe: PVC SCH 40
Type of Connection: THREADED
Type of Backfill around Riser: CHIPS

Diameter of Borehole: 9"
Type of Tip: PVC SCH 40
Screen Size or Type: 1/2" Slot
Type of Filter Material: Silica Sand 1/2"
# RESOURCE PROTECTION WELL REPORT

**Project Name:** JACK POT GAS STATION  
**Well Identification No.:** M1-001, 002, 003, 004  
**Drilling Method:** Air Rotary  
**Driller:** O. Heil  
**Signature:** O. Heil  
**Consulting Firm:** Shannon & Wilson  
**Representative:**  

**Job #:** 113026  
**Start Card No.:** O6347  
**County:** Yakima  
**City:** Yakima  
**Location:** 1/4 SE 1/4 SW 1/4  
**Sec.:** 5  
**Town:** NN  
**Range:** 196  
**Datum:**  
**Water Level Elevation:**  
**Installed:** 8/14/91  
**Developed:** 8/13/91  

## WELL DATA

| SCALE: 1" = |

## AS BUILT

| SEE SHEETS |

## FORMATION DESCRIPTION

| ATTACHED |

PAGE OF
WELL LOG

Date: 1936

Record by: Don A. Gray
Source: G. W. Dacla, Claim
Location: State of Washington
County: Yakima

Lot 12, Block 2 of
Town Gap, original

Diagram of Section

XXX townsite

Address: Union Gap, Wash.

Land surface, datum: ft. above

<table>
<thead>
<tr>
<th>Correlation</th>
<th>Material</th>
<th>Thickness (feet)</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Loose gravel &amp; topsoil</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Cemented gravel</td>
<td>65</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Boulders</td>
<td>5</td>
<td>105</td>
</tr>
<tr>
<td></td>
<td>Streaks of cemented gravel, loose gravel &amp; boulders</td>
<td>70</td>
<td>175</td>
</tr>
<tr>
<td></td>
<td>River &amp; cemented gravel</td>
<td>17</td>
<td>192</td>
</tr>
<tr>
<td></td>
<td>Sand &amp; gravel</td>
<td>23</td>
<td>215</td>
</tr>
</tbody>
</table>

Pump Test:

Dim: 215" x 12" x 10"

SNT: 10'

Dd: 56'

Yield: 450 g.p.m.

Casing: 12" dia, from 0' to 90'; 10" dia, from 97' to 215'.

Perforations: 10" casing perfor. (Over)

Turn up Sheet of sheets
<table>
<thead>
<tr>
<th>Correlation</th>
<th>Material</th>
<th>Thickness (feet)</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Depth forward</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85' from 150' to 214'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pump:</strong> 450 g.p.m.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Motor:</strong> 30 hp</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## WELL LOG

**STATE OF WASHINGTON**  
**DEPARTMENT OF CONSERVATION**  
**AND DEVELOPMENT**

**No. Appr. 916 Cert. 295a**

**Date:** August 10, 1948  
**Record by:** Driller's record  
**Source:**

**Location:** State of WASHINGTON  
**County:** Yakima  
**Area:**

**Map Lot 12 Blk. 2 of Original Town Site of Union Gap**

**Drilling Co.:** G. D. Hail & Associates  
**Address:** Yakima, Wn.

**Method of Drilling:** Date:  
**Owner:** Town of Union Gap  
**Address:** Union Gap, Wn.

**Land surface, datum:** ft. above  
**below**

<table>
<thead>
<tr>
<th>CORRELATION</th>
<th>MATERIAL</th>
<th>THICKNESS (feet)</th>
<th>DEPTH (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td></td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Cemented gravel</td>
<td></td>
<td>46</td>
<td>50</td>
</tr>
<tr>
<td>Boulders &amp; gravel</td>
<td></td>
<td>13</td>
<td>63</td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td>5</td>
<td>68</td>
</tr>
<tr>
<td>Cement gravel caving</td>
<td></td>
<td>42</td>
<td>110</td>
</tr>
<tr>
<td>Cement gravel &amp; boulders</td>
<td></td>
<td>40</td>
<td>150</td>
</tr>
<tr>
<td>Washed gravel cavings</td>
<td></td>
<td>9</td>
<td>159</td>
</tr>
<tr>
<td>Cement gravel</td>
<td></td>
<td>31</td>
<td>190</td>
</tr>
<tr>
<td>Cement gravel caving</td>
<td></td>
<td>14</td>
<td>204</td>
</tr>
<tr>
<td>&quot;</td>
<td></td>
<td>13</td>
<td>217</td>
</tr>
</tbody>
</table>

**Pump test:**

- **Dim:** 215" x 12"  
- **SWL:** 10'  
- **DD:** 100'  
- **Yield:** 350 g.p.m.  
  (over)

**Turn up**  
**Sheet:** of **Sheets**
<table>
<thead>
<tr>
<th>Correlation</th>
<th>Material</th>
<th>Thickness (feet)</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Depth forward</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Casing: 12&quot; from 0 to 83'</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10&quot; from 80' to 198'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforations:</td>
<td>10&quot; casing perf. for 55'</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>from 142' to 197'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**STATE OF WASHINGTON**
**DEPARTMENT OF CONSERVATION AND DEVELOPMENT**

**WELL LOG**

Date: June 30, 1936  
Record by: J.C. E. Gray  
Source: G.W. decla, Claim  
No. Decla: 527  
Cert. 519-B

**Location:** State of Washington  
County: Yakima  
Lot 12, Block 2 of  
original town site  
Sec. 35, T.12N., R. 19 E.

**Drilling Co.:**  
Address:  
Method of Drilling: drilled  
Date: July 22, 1947

Owner: Town of Union Gap  
Address: Union Gap, Washington

**Land surface, datum:** ft. above  
**Depths:** ft.

<table>
<thead>
<tr>
<th>Correlation</th>
<th>Material</th>
<th>Thickness (feet)</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td></td>
<td>4.6</td>
<td>50</td>
</tr>
<tr>
<td>Cemented gravel</td>
<td></td>
<td>13</td>
<td>63</td>
</tr>
<tr>
<td>Boulders &amp; gravel</td>
<td></td>
<td>5</td>
<td>68</td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td>4.2</td>
<td>110</td>
</tr>
<tr>
<td>Cemented gravel caving</td>
<td></td>
<td>4.0</td>
<td>150</td>
</tr>
<tr>
<td>Cemented gravel &amp; boulders</td>
<td></td>
<td>9</td>
<td>159</td>
</tr>
<tr>
<td>Washed gravel caving</td>
<td></td>
<td>3.1</td>
<td>190</td>
</tr>
<tr>
<td>Cemented gravel</td>
<td></td>
<td>13</td>
<td>204</td>
</tr>
<tr>
<td>Cemented gravel caving</td>
<td></td>
<td>13</td>
<td>217</td>
</tr>
</tbody>
</table>

**Pump Test:**  
Dim: 217" x 12" x 10"  
SWT: 10"  
Dd: 60"  
Yield: 150 g.p.m.

- casing: 12" dia. from 0' to 83'
<table>
<thead>
<tr>
<th>Correlation</th>
<th>Material</th>
<th>Thickness (feet)</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Depth forward</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10&quot; dia. from 80' to 198'</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Perforations: 10&quot; perfor. casing for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>65' from 142' to 197'</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pump: 450 g.p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Motor: 30 h.p.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CORRELATION</td>
<td>MATERIAL</td>
<td>THICKNESS (feet)</td>
<td>DEPTH (feet)</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------------</td>
<td>------------------</td>
<td>--------------</td>
</tr>
<tr>
<td></td>
<td>Depth forward</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earth</td>
<td>6</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td>15</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>6</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>Hardpan &amp; gravel</td>
<td>10</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>Hardpan &amp; gravel</td>
<td>18</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>9</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>Hard gravel</td>
<td>3</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>5</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>4</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>Hard gravel</td>
<td>6</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>11</td>
<td>93</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>3</td>
<td>96</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>7</td>
<td>103</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>24</td>
<td>127</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>22</td>
<td>149</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>8</td>
<td>157</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>7</td>
<td>164</td>
<td></td>
</tr>
<tr>
<td>Rock &amp; gravel</td>
<td>23</td>
<td>187</td>
<td></td>
</tr>
<tr>
<td>Hard rock &amp; sand</td>
<td>20</td>
<td>207</td>
<td></td>
</tr>
<tr>
<td>Gravel &amp; sand</td>
<td>33</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>Gravel &amp; sand</td>
<td>80</td>
<td>320</td>
<td></td>
</tr>
<tr>
<td>Gravel &amp; sand</td>
<td>40½</td>
<td>360½</td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td>9½</td>
<td>370</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT

WELL LOG

No. Appli. #1112
Cert. #431A

Date: Sept. 21, 1949
Record by: Don E. Gray

Source: Driller record

Location: State of WASHINGTON
County: Yakima

Map: SW 1/4 SW 1/4 sec. 5 T. 12 N., R. 19 E.

Drilling Co.: G. D. Hall & Associates
Address: Larson Bldg., Yakima, Wn.

Method of Drilling: Town of Union Gap
Date: 9-21- 1949

Owner: Yakima County, Washington

Land surface, datum: ft. above

<table>
<thead>
<tr>
<th>Correlation</th>
<th>Material</th>
<th>Thickness (feet)</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses. If material water-bearing, so state and record static level if reported. Give depths in feet below land surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)

See well data drawing showing well log in folder.

Pump test:

Dim: 370' x -12"
SWL: flowing
D.D. 30'
Yield: 500 g.p.m.

Casing: 16" dia. standard weight
from 0 to 43'; 12" dia. standard
weight from 0 to 370'.
Perforations: 14 1/2" x 1-1/2" from
129.67 to 137.67'; 14 1/2" x 1-1/2"
from 181.75 to 360.50'

Turn up (ARTESIAN)
**RESOURCE PROTECTION WELL REPORT**

**PROJECT NAME:** North West Truck  
**WELL IDENTIFICATION NO.:** NW-1  
**DRILLING METHOD:** Air Rotary  
**DRILLER:** Harold Neumender  
**SIGNATURE:** Harold Neumender  
**CONSULTING FIRM:** SAIC  
**REPRESENTATIVE:** Barbara Blackburn  

**JOB #:** W-29415  
**START CARD NO.:** 063464  
**COUNTY:** Yakima  
**CITY:** Union Gap  
**LOCATION:** NE 1/4 NE 1/4 1/4  
**SEC.:** 6  
**TOWN:** 12N  
**RANGE:** 19E  
**DATE:**  
**WATER LEVEL ELEVATION:**  
**INSTALLED:** 4/15/91  
**DEVELOPED:**  

### WELL DATA

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Concrete</td>
</tr>
<tr>
<td>1</td>
<td>Chips</td>
</tr>
<tr>
<td></td>
<td>Colorado</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
</tr>
</tbody>
</table>

### AS BUILT

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

### FORMATION DESCRIPTION

- Sands
- Gravels

**SCALE:** 1" = _______
Water Well Report
State of Washington

Location of Well: County Yakima

Proposed Use: Domestic

Type of Work: New Well

Dimensions: Diameter of well 6" inches

Construction Details:
Casing installed: 6" Diam. from 0 ft. to 197 ft.

Perforations: Yes

Screens: Yes

Gravel packed: Yes

Surface seal: X

Pump: Manufacturer's Name

Water Levels:
Static level: 1 ft. below top of well
Artesian pressure: Not per square inch

Well Tests:
Was a pump test made? Yes
Yield: gpm

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: R.C. Well Drilling
Address: 211 S. 6th St., Yakima, WA
License No.: 0700
Date: 11 Jan., 1978
**WATER WELL REPORT**

**STATE OF WASHINGTON**

**OWNER:** Yakima County Public Works Dept. PO Box 1000, East Wenatchee, WA

**LOCATION OF WELL:** County Yakima

**STREET ADDRESS OF WELL:** 1000 NE 2nd Ave.

**PROPOSED USE:** Domestic ☐ Irrigation ☐ Industrial ☐ Municipal ☐ Other ☐

**TYPE OF WORK:**
- Abandoned □ New well □ Method: Dug □ Drilled □ Bored ☐ Reconditioned ☐ Rotary ☐ Jetted ☐

**DIMENSIONS:** Diameter of well 4 inches. Drilled 9.1 feet. Depth of completed well 9.1 ft.

**CONSTRUCTION DETAILS:**
- Casing installed: 4 ft. Diam. from 2.4 ft. to 9.1 ft. Welded □ Linear installed □
- Linear installed: 4 ft. Diam. from 2.4 ft. to 9.1 ft. Threaded □
- Perforations: Yes ☐ No □
  - Type of perforator used:
    - Perforations in by ft. from ft. to ft.
    - Perforations from ft. to ft.

**SCREENS:**
- Manufacturer's Name: Aerovark
- Type: S 1-40 PVC Model No.
- Diam. 4.0 ft. Slot size 0.16 from 4.0 ft. to 9.1 ft.
- Gravel pack: Yes ☐ No □ Size of gravel 0.25 in. surface sand 3.0 in. Gravel placed from 2.0 ft. to 9.1 ft.

**WATER LEVELS:**
- Land-surface elevation above mean sea level: 6.5 ft. below top of well: Date: 02-26-80
- Artesian pressure: ft. per square inch: Date: 02-26-80
- Artesian well 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.

**DATE OF TEST:**
- Date of test: Date
- Ball test: gal/min with ft. drawdown after hrs.
- Air test: gal/min with steen set at ft. for hrs.
- Artesian flow: g.p.m. Date

**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
  - Silty silt, silty sand 25.43
  - Mottled, with scattered
  - Organic, sand and gravel Diorite 4.3 4.8
  - Sand, gravel, and cobble 4.8 9.1

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

**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: Brian L. Williams
- (PERSON, FIRM, OR CORPORATION) TYPE OF PRINT
- Address: 1104 S. Gibble St. Walla Walla, WA 99362
- License No: 1847

(USE ADDITIONAL SHEETS IF NECESSARY)
RESOURCE PROTECTION WELL REPORT

PROJECT NAME: [Handwritten: Millburn Distribution]
WELL IDENTIFICATION NO.: [Handwritten: #1]
DRILLING METHOD: Deep Well
DRILLER: [Handwritten: E. E. Young]
FIRM: [Handwritten: E. E. Young & Co.]
SIGNATURE: [Handwritten: E. E. Young & Co.]
CONSULTING FIRM: [Handwritten: T. M. Teague]
REPRESENTATIVE: [Handwritten: T. M. Teague]
COUNTY: [Handwritten: Parke Co.]
LOCATION: T. 15N R. 16E Sec. 1
STREET ADDRESS OF WELL: [Handwritten: 120 N R 16E]
WATER LEVEL ELEVATION: [Handwritten: 12.5']
GROUND SURFACE ELEVATION: [Handwritten: 12.5']
INSTALLED: [Handwritten: 2-12-53]
DEVELOPED: [Handwritten: ]

SCALE: 1" = 5'
**WATER WELL REPORT**

**STATE OF WASHINGTON**

**OWNER:** Name: Yakima County Public Works Dept. Address: 128 N. 2nd St; Yakima, WA

**LOCATION OF WELL:** County: Yakima. NE 1/4 Sec 11 1/2 N. R18E W.M.

**STREET ADDRESS OF WELL:** 1000 Antelope Road

**PROPOSED USE:** Domestic ☐ Irrigation ☐ DeWater ☐ Test Well ☐ Municipal ☐ Industrial ☐ Other ☐

**TYPE OF WORK:** Owner's number of well = DH-2

- Abandoned ☐ New Well ☐ Method: Dug ☐ Drilled ☐
- Deepened ☐ Cable ☐ Bored ☐ Driven ☐
- Recommissioned ☐ Rotary ☐ Jetted ☐

**DIMENSIONS:** Diameter of well = 4 inches. Drilled = 9.5 feet. Depth of completed well = 9.5 feet.

**CONSTRUCTION DETAILS:**

- **Casing installed:** 4" Diam. from 0.4 ft. to 9.5 ft.
- **Well Screen:** 4" Diam. from 0.4 ft. to 9.5 ft.
- **Gravel packed:** Yes ☐ No ☐ Size of gravel = 0.12 to 0.25 in.
- **Gravel placed from:** 1.9 ft. to 1.5 ft.

**WELL LOG OR ABANDONMENT PROCEDURE DESCRIPTION**

<table>
<thead>
<tr>
<th>Formation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>Well Graded GRAVEL with sand, medium dense, to dense, moist, light brown</td>
</tr>
<tr>
<td>Sandy Silt; subj. to stiff</td>
<td>Moist to wet, with scattered organics and sand lenses, brown-black</td>
</tr>
<tr>
<td>Silty SAND; loose, wet</td>
<td>With scattered organics, brown</td>
</tr>
<tr>
<td>Poorly Graded GRAVEL with SAND; dense, wet to saturated, angular basalt, gravel, black</td>
<td></td>
</tr>
</tbody>
</table>

**PUMP:** Manufacturer's Name: Horsepower:

**WATER LEVELS:**

- Land-surface elevation above mean sea level = 6.5 ft. below top of well = 9.26.9 ft.

**WELL TESTS:**

- **Dredge:** Drilled below water levels
- **Water level:** Measured from well top to water level
- **Date:** 9-26-90
- **Completion:** 9-26-90

**WELL CONSTRUCTION CERTIFICATION:**

I, Brian J. Williams, the person, firm, or corporation responsible for construction of this well, and its compliance with all Washington well construction standards, declare that the materials used and the information reported above are true to my best knowledge and belief.

**NAME:** Brian J. Williams

**ADDRESS:** 104 Grible #3, Richland, WA 99352

**LICENSE NO.:** 1847

**SIGNATURE:** (WELL DRILLER)

**REGISTRATION NO.:** Date: 10-26-90

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

**STATE OF WASHINGTON**

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**OWNER:** Yakima County Public Works

**Address:** 136 N. 2nd Street, Yakima, WA

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**(2) LOCATION OF WELL:**

- **County:** Yakima
- **Address:** NE 1/4 Sec. 1, T12 N., R10 E., WM

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**(3) PROPOSED USE:**

- Domestic ☐
- Irrigation ☐
- Municipal ☐
- DeWater ☐
- Other ☐

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**(4) TYPE OF WORK:**

- **Owner's number of well:** M-1-3
- **Number of wells:** 1
- **Method:** Cased
- **Drilled:** 8.7 ft.
- **Depth of completed well:** 8.7 ft.
- **Type of work:** Drilled

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**(5) DIMENSIONS:**

- **Diameter of well:** 4
- **Inches:**

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**(6) CONSTRUCTION DETAILS:**

- **Casing installed:** Yes ☑
- **Diam. from:** 4.4 ft. to 3.7 ft.
- **Welded:** Yes ☑
- **Threaded:** No ☐

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**(7) PUMP:**

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

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**(8) WATER LEVELS:**

- **Land-surface elevation:** Above mean sea level
- **Static level:** 4.5 ft. below top of well
- **Date:** 3-26-70
- **Arealaiian pressure:** lbs. per square inch
- **Date:**
- **Artesian water is controlled by:**

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**(9) WELL TESTS:**

- **Drawdown is amount water level is lowered below static level:**
- **Was a pump test made?** Yes ☑
- **Yield:**
- **Time:**
- **Water Level:**

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

- **Material:** Gravel
- **Size:** 6.0 8.7

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**WELL CONSTRUCTOR CERTIFICATION:**

I, the person responsible for constructing this well, accept responsibility for the 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:**
- **Address:**
- **License No.:**
- **Registration No.:**
- **Date:** 2-26, 1970
WATER WELL REPORT

STATE OF WASHINGTON

OWNER: Name: 
County: 
Address: 

LOCATION OF WELL: 
Street Address of Well (or nearest address): 

PROPOSED USE: Domestic [] Industrial [] Municipal [] Irrigation [] DeWater [] Test Well [] Other []

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

DIMENSIONS: Diameter of well: inches.
Drilled: feet. Depth of completed well: feet.

CONSTRUCTION DETAILS:
Casing installed: 
Welded [] Liner installed [] Threaded []
Perforations: Yes [] No []
Type of perforator used:

SIZE of perforations: in. by in.

SIZE of screens: in. by in.

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

Surface seal: Yes [] No [] To what depth? 

Material used in seal: 

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

Method of sealing strata off:

PUMP: Manufacturer's Name:

WATER LEVELS:
Land-surface elevation: feet.
Static level: feet. below top of well. Date: 
Artesian pressure: lbs. per square inch. Date: 
Artesian water is controlled by: 

WELL TESTS:
Yield: gal./min. with ft. drawdown after yrs.

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:

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

Air 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 []

WELL CONSTRUCTOR CERTIFICATION:

I, , hereby certify that I am the Licenced Driller, and that the well described above was constructed in compliance with the rules and regulations of the State of Washington. The information contained in this report is true to the best of my knowledge and belief.

NAME: 

(TYPE OR PRINT)

Address: 

License No: 

Contractor's No.

Date: 

(Signed) 

(USE ADDITIONAL SHEETS IF NECESSARY)