



**"START CARD"**  
**NOTICE OF BEGINNING OF WELL CONSTRUCTION**  
**(as required by ORS 537.762)**

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original delivered to the Water Resources Department prior to commencement of construction, alteration or abandonment of each well.

Owner's Name and Mailing Address U.S. Army Corps of Engineers  
P.O. Box 760  
Cascade Locks, OR 97104-0760

Proposed Commencement Date 9/15/88

Proposed Well Depth 250, Diameter 20

and Use:  
 Domestic                       Community                       Industrial                       Irrigation  
 Thermal                          Injection                          Other Fish Hatchery

Proposed Well Location: County Multnomah

Township 2N (N or S) Range 7E (E or W) Section 21

- At least 2 of these must be provided
1. NE 1/4 of SW 1/4 of above section
  2. street address of well location \_\_\_\_\_
  3. tax lot number of well location \_\_\_\_\_
  4. attach approved map with location identified.  
(see reverse of this form for approved maps)

We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks and septic drain fields.

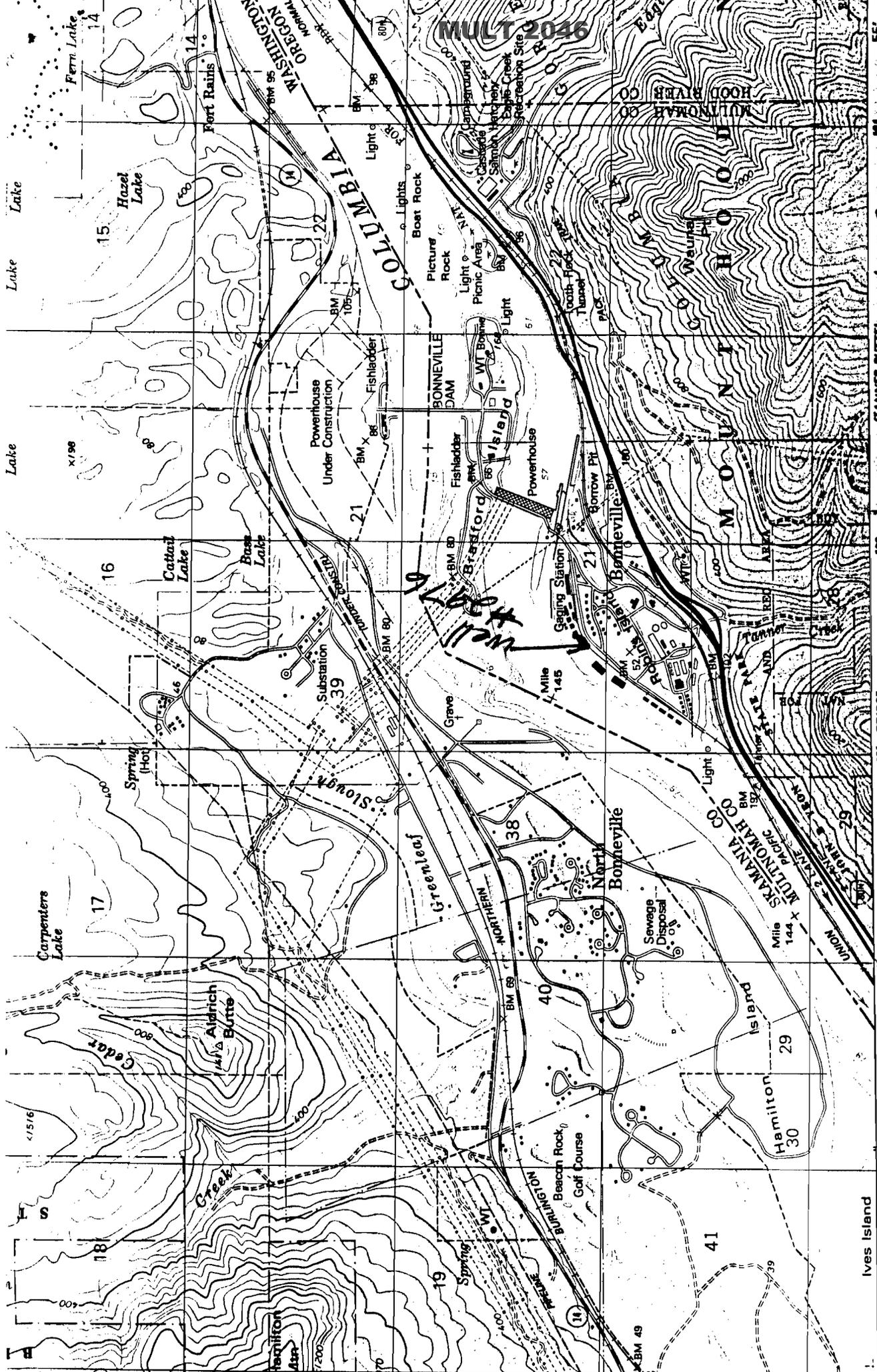
x William W. Obley  
Owner's Signature

x Stephen Schneider  
Bonded Water Well Constructor

Authorized Rep of Contracting Officer  
Title  
12 SEP 88  
Date

License No. 649  
Company Schneider Equipment, Inc.

Note: This is not a Water Right application. The owner is responsible for obtaining a Water Right through the Water Resources Department if required.



MULT 2046

USGS 7.5 min. Bonneville Dam 1979

SCALE 1:24 000

CONTOUR INTERVAL 80 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 DEPTH CURVES AND SOUNDINGS IN FEET  
 DATUM ABOVE BONNEVILLE DAM IS NORMAL POOL ELEVATION 77 FEET

Mapped, edited, and published by the Geological Survey  
 control by USGS and NOS/NOAA

ography by photogrammetric methods from aerial  
 photographs taken 1973. Field checked 1974. Map edited 1979  
 selected hydrographic data compiled from NOS/NOAA Chart 18531 (1977)  
 his information is not intended for navigational purposes.  
 rejection: Washington coordinate system, south zone  
 Lambert conformal conic  
 a 900-foot grid ticks based on Washington coordinate system



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301
(503) 986-0900
www.wrd.state.or.us

Application for
Well ID Number

Hatchery T/F1

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMATION

Current Owner Name (please print): USACOE Bonneville Lock & Dam
Mailing Address: I-84 E Exit 40
City: Cascade Locks State: OR Zip: 97014
Mailing Address (to send Well I.D.): P.O. Box 150
City: Cascade Locks State: OR Zip: 97014

II. WELL INFORMATION (Do not complete this section if the well report is attached.)

Township: 2N (North/South) Range: 7E (East/West) Section: 21
Tax Lot: 6lot 4 County: Multnomah NE 1/4 SW 1/4
Street Address of Well: I-84 E Exit 40 Robins Island City: Cascade Locks
Owner at time the well was constructed, (if known): USACOE
If the property had a different street address in the past:

III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached)

Use of Well (domestic, irrigation, commercial, industrial, monitoring): Domestic + Industrial
Date Well Constructed: 1987-1990 Oct 88 Total Well Depth: 234-235 Casing Diameter: 20"
Other Information: Driller: Schneider Equip. St Paul

SUBMITTED BY (please print): Doloris Pinault
PHONE: 541-374-4014 FAX:

Send application to Oregon Water Resources Department; 725 Summer St NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Wednesday.

For Official Use Only by the Oregon Water Resources Department
Received Date: Well Log Number: Well Identification #:

Rec'vd 6-4-13

Well Log MULT 2046

RECEIVED Well ID # L 111884

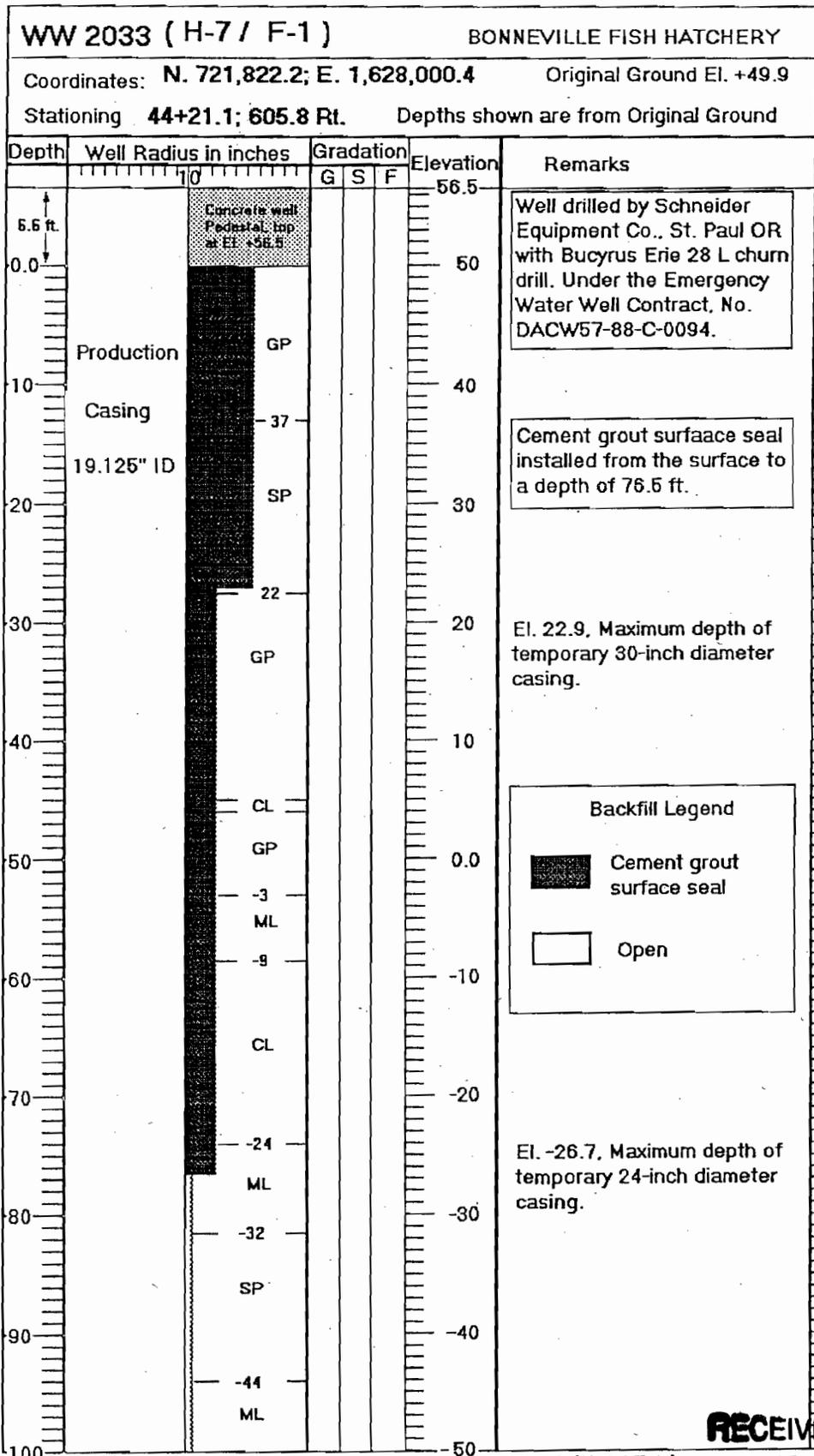
Last Update: 11/04/08

Well I.D. Number/ 1

WCC

OREGON WATER RESOURCES DEPT
SALEM, OREGON

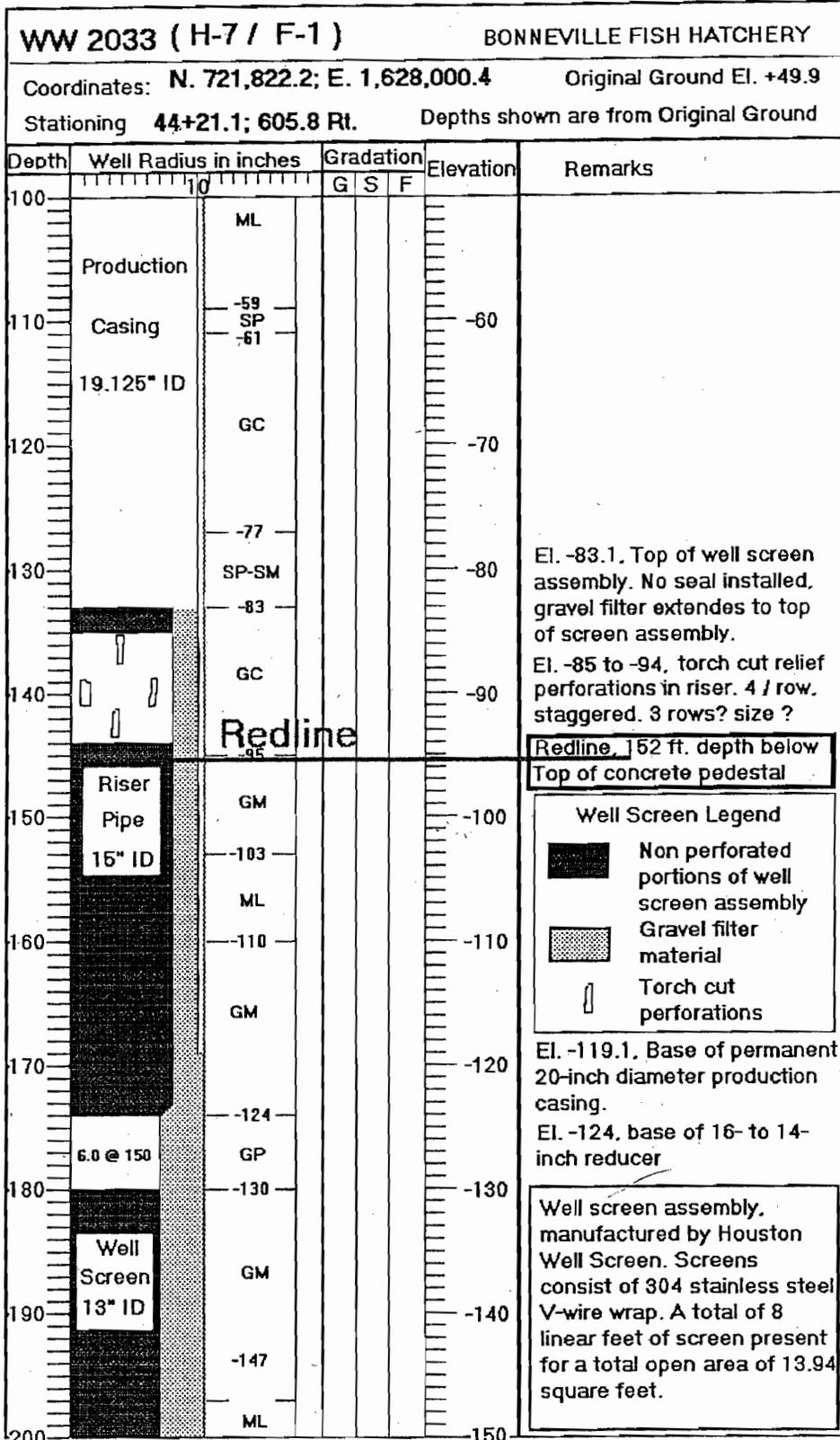
# MULT 2046



RECEIVED BY OWR

JUN 14 2013

SALEM, OR



1415

RECEIVED BY OWRD

JUN 14 2013

SALEM, OR

*Make at el -131 on well  
no tail pipe*



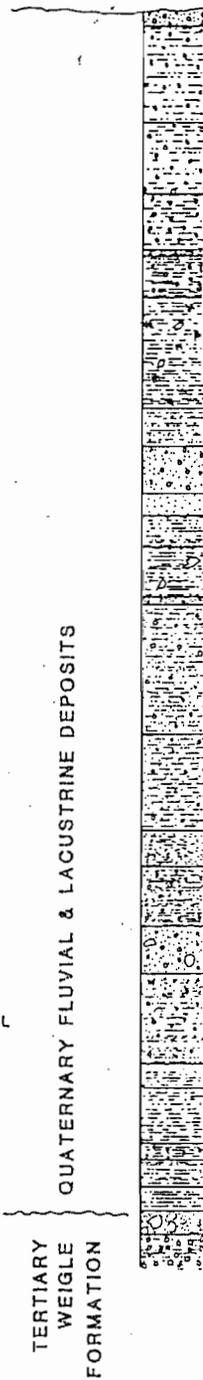
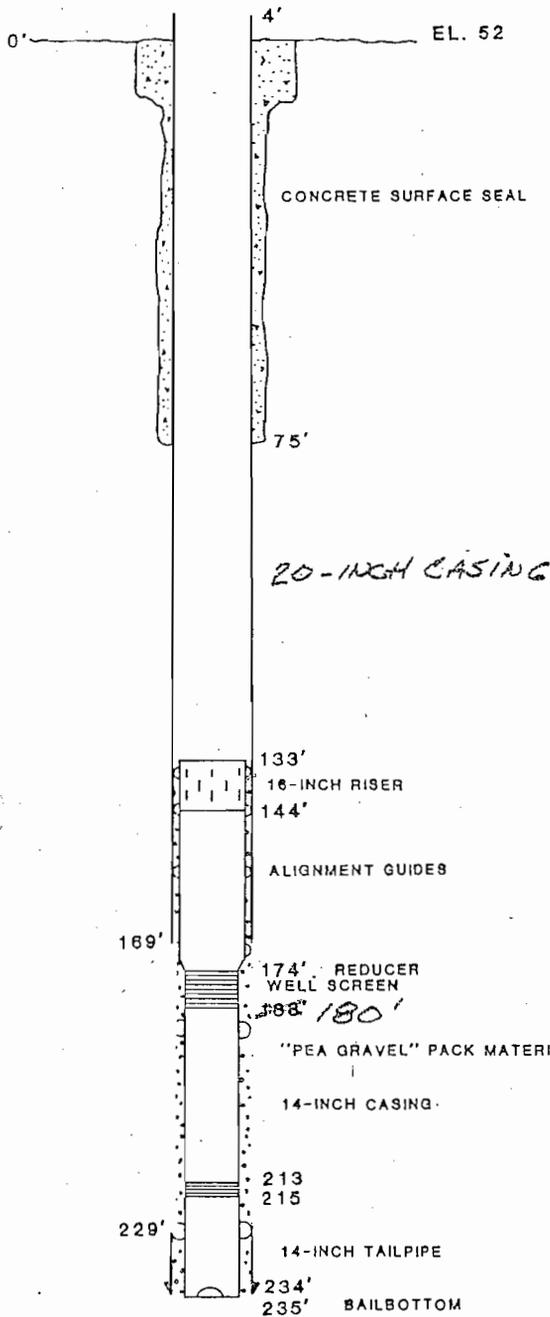
BONNEVILLE FISH HATCHERY  
**MULT 2046**  
 EMERGENCY WELL

FIGURE 1

F-1 WU 2033

CONSTRUCTION DETAILS

GEOLOGICAL



- CK GRAVELS & COBBLES
- GRAVEL & COBBLES
- MICA FLAKES
- LY
- LAYERS
- 74' BROWN SILT
- 81.5' BLACK SAND & GRAVEL
- 90' BLACK FINE TO COARSE SAND
- 94' GRAY BROWN SILT & CLAY MICA FLAKES & ASH
- 100' GRAY GREEN SILT & CLAY WITH WOOD CHIPS
- 109' BLACK SAND & GRAVEL
- 111' BLACK SAND & GRAVEL WITH GRAY GREEN SILT & CLAY
- 135' BROWN CLAY, SAND & GRAVEL
- 153' GRAY SANDY SILTY CLAY
- 180' GRAY SILTY, SANDY CLAY & GRAVEL
- 174' BLACK SAND & GRAVEL, BOULDER 177'-180'
- 180' GRAY SILTY CLAY WITH MICA & BLACK GRAVEL
- 197' GRAY SILTY CLAY WITH MICA
- 202' GRAY SANDY SILTY CLAY WITH MICA
- 213' GRAY SILTY GRAVEL & CLAY
- 215' SILTY GRAY CLAY
- 220' GRAY SILT
- 224' BLUE GREEN BASALTIC CONGLOMERATE
- 228' BLUEGREEN MUDSTONE
- 234' TOTAL DEPTH

NOTE: WELL SCREENS ARE STAINLESS STEEL, .150-INCH SLOT SIZE, MANUFACTURED BY HOUSTON WELL SCREEN. TORCH PERFORATIONS IN RISER EXTENSION ARE 4 PER ROUND, STAGGERED, STARTING AT 2 FEET BELOW THE TOP

RECEIVED BY OWRD

JUN 14 2013

SALEM, OR

3049  
Vw