

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy  
of this report are to be  
filed with the

*KLAM  
2415*

**KLAM 2415 RECEIVED**  
**WATER WELL REPORT**

*cd*

STATE OF OREGON

SEP 25 1973

State Well No. *375/14E-3*

(Please type or print)

STATE ENGINEER

State Permit No.

(Do not write above this line)

SALEM, OREGON

*66721*

**(1) OWNER:**

Name *Weyerhaeuser Co.*  
Address *BLY, ORE.*

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dug  Bored

**(4) PROPOSED USE (check):**

*HOUSING DEVELOPMENT*  
Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**CASING INSTALLED:**

Threaded  Welded

*10 3/4*" Diam. from ..... ft. to ..... ft. Gage .....  
*10 3/4*" Diam. from *7 1/4* ft. to *80* ft. Gage *250*  
....." Diam. from ..... ft. to ..... ft. Gage .....

**PERFORATIONS:**

Perforated?  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.

**(7) SCREENS:**

Well screen installed?  Yes  No

Manufacturer's Name .....  
Type ..... Model No. ....  
Diam. .... Slot size ..... Set from ..... ft. to ..... ft.  
Diam. .... Slot size ..... Set from ..... ft. to ..... ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom? *INTERSTATE*

..... gal./min. with ..... ft. drawdown after ..... hrs.  
*1200* " *10* " *24* "  
" " " " "

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

Artesian flow g.p.m.

Temperature of water *59* Depth artesian flow encountered ..... ft.

**(9) CONSTRUCTION:**

Well seal—Material used *CEMENT*  
Well sealed from land surface to *80* ft.  
Diameter of well bore to bottom of seal *13* in.  
Diameter of well bore below seal ..... in.  
Number of sacks of cement used in well seal *60* sacks  
Number of sacks of bentonite used in well seal ..... sacks  
Brand name of bentonite .....  
Number of pounds of bentonite per 100 gallons  
of water ..... lbs./100 gals.  
Was a drive shoe used?  Yes  No Plugs ..... Size: location ..... ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? ..... depth of strata .....  
Method of sealing strata off .....  
Was well gravel packed?  Yes  No Size of gravel: .....  
Gravel placed from ..... ft. to ..... ft.

**(10) LOCATION OF WELL:**

County *KLAMATH* Driller's well number .....  
*SE 1/4 SW 1/4* Section *3* T. *375* R. *14E* W.M.  
Bearing and distance from section or subdivision corner

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found *259* ft.  
Static level *108* ft. below land surface. Date *8/24/73*  
Artesian pressure ..... lbs. per square inch. Date

**(12) WELL LOG:**

Diameter of well below casing *9 7/8*

Depth drilled *277* ft. Depth of completed well *277* ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<i>CLAY &amp; BOULDERS</i>	<i>0</i>	<i>2</i>	
<i>BROWN SHALE</i>	<i>2</i>	<i>3</i>	
<i>BROWN LAVA</i>	<i>3</i>	<i>12</i>	
<i>BLACK BASALT</i>	<i>12</i>	<i>33</i>	
<i>BROWN LAVA</i>	<i>33</i>	<i>41</i>	
<i>Red LAVA</i>	<i>41</i>	<i>52</i>	
<i>CHALK ROCK STREAKS BROWN SHALE</i>	<i>52</i>	<i>74</i>	
<i>BLACK BASALT</i>	<i>74</i>	<i>108</i>	
<i>BROWN LAVA</i>	<i>108</i>	<i>114</i>	
<i>BLACK BASALT</i>	<i>114</i>	<i>120</i>	
<i>BROWN LAVA</i>	<i>120</i>	<i>128</i>	
<i>BLACK BASALT</i>	<i>128</i>	<i>147</i>	
<i>BROWN BASALT</i>	<i>147</i>	<i>158</i>	
<i>BLACK BASALT</i>	<i>158</i>	<i>177</i>	
<i>BROWN LAVA</i>	<i>177</i>	<i>180</i>	
<i>GREY BASALT</i>	<i>180</i>	<i>181</i>	
<i>BROWN BASALT</i>	<i>181</i>	<i>183</i>	
<i>BROWN LAVA</i>	<i>183</i>	<i>197</i>	
<i>BLACK BASALT</i>	<i>197</i>	<i>202</i>	
<i>GREY BASALT</i>	<i>202</i>	<i>227</i>	
<i>RED LAVA</i>	<i>227</i>	<i>232</i>	
<i>CHALK ROCK STREAKS YELLOW SHALE</i>	<i>232</i>	<i>259</i>	
<i>BROWN LAVA</i>	<i>259</i>	<i>266</i>	<i>WB</i>
<i>BLACK BASALT</i>	<i>266</i>	<i>277</i>	

Work started *8/15/73* 19 Completed *8/24/73* 19

Date well drilling machine moved off of well *8/24/73* 19

**Drilling Machine Operator's Certification:**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] *Don M. Stoney* Date *SEP 23 1973*

(Drilling Machine Operator)

Drilling Machine Operator's License No. *656*

**Water Well Contractor's Certification:**

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

Name *E E STOREY* (Person, firm or corporation) (Type or print)

Address *3847 Hope Falls, ORE*

[Signed] *E E Storey* (Water Well Contractor)

Contractor's License No. *74* Date *9/23/73*, 19.....

# KLAM 2415

4115 N. MISSISSIPPI AVENUE  
PORTLAND, OREGON 97217

CONSTRUCTION INSPECTION  
MATERIALS INSPECTION  
CHEMICAL ANALYSIS  
PHYSICAL TESTING

NON-DESTRUCTIVE TESTING  
WELDING CERTIFICATION  
SOIL TESTING  
ASSAYING

September 6, 1973

Schmidt and Smith  
1919 Laura  
Springfield, Oregon

Gentlemen:

Subject: Analysis performed on one (1) well water sample  
submitted on August 31, 1973.

Report:

Item: Well Water  
Identification: Weyco Well  
Bly, Oregon

Analysis:

p H .....	8.2
Total Solids .....	128.0 ppm
Volatile Solids .....	101.0 ppm
Turbidity, J.U. ....	0
Color, Co-pt Units .....	0
Total Hardness, CaCO <sub>3</sub> .....	112.6 ppm
Calcium (Ca) .....	19.5 ppm
Sodium (Na) .....	2.3 ppm
Magnesium (Mg) .....	9.5 ppm
Total Iron (Fe) .....	< 0.01 ppm
Manganese (Mn) .....	< 0.01 ppm
Arsenic (As) .....	0.01 ppm
Sulfate (SO <sub>4</sub> ) .....	< 0.01 ppm
Chloride (Cl) .....	3.3 ppm
Fluoride (F) .....	0.08 ppm
Nitrate (N) .....	3.9 ppm
Nitrite (N) .....	< 0.01 ppm
Silica (SiO <sub>2</sub> ) .....	0.8 ppm

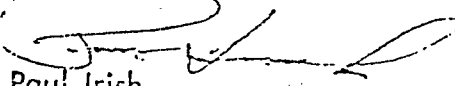
Water Supplies & Swim. Pools  
Oregon State Board of Health

**R E C E I V E D**

SEP 21 1973

DNF      LEWP      TERM

Respectfully,  
NORTHWEST TESTING LABORATORIES, INC.

  
Paul Irish

Cert. No. 133609

**KLAM 2415**

*Interstate* **PUMP COMPANY, INC.**

503/882-3464 — 7209 SOUTH SIXTH STREET  
KLAMATH FALLS, OREGON 97601

TEST REPORT

By 2 Contractors .....

P.O. 371 .....

Date Tested August 29 & 30, 1973

Bly, Oregon 97622 .....

(PAGE 1 of 2)

Location of Well Weyerhaeuser, Bly, Oregon

Inside Diameter ..... Depth .....

..... Feet of ..... Inch Casing. Driller E. E. Storey

200 Feet of 5 Inch Column and 6 Stage 8 Inch Bowls.

Installed by Lee Campbell, Interstate Pump Company, Inc.

Static Water Level at Start of Test 108 feet

CAPACITY GPM	PUMPING LEVEL	DRAWDOWN	TIME	CONDITION OF WATER (SANDY, MUDDY, CLEAR, ETC.)
200	110'		1 Hr.	Clear
500	113'		1 Hr.	"
1200 plus	118' (2 Min.)			"
700	115'		1 Hr.	"
700	115'		1 Hr.	"
840	116'		1 Hr.	"
700	115'		1 Hr.	"
610	114'		1 Hr.	"
550	113' plus		1 Hr.	"
500	113'		1 Hr.	"
450	112'		1 Hr.	"
550	113' plus		1 Hr.	"
400	111'		1 Hr.	"
700	115'		1 Hr.	"
610	114'		1 Hr.	"
500	113'		1 Hr.	"
450	112'		1 Hr.	"
400	111'		1 Hr.	"
1200 plus	113' (2 MIN.)			"
840	116'		1 Hr.	"

Water Supplies & Swim. Pools  
Oregon State Board of Health

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DNF TEMP TERM

TEMPERATURE 52 59

Static Water Level After Pump Removed .....

REMARKS: .....

Signed by Lee Campbell

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 KLAMATH FALLS, OREGON 97601

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Inside Diameter \_\_\_\_\_ Depth \_\_\_\_\_

Feet of \_\_\_\_\_ Inch Casing. Driller E. E. Storey

200 Feet of 5 Inch Column and 6 Stage 8 Inch Bowls.

Installed by Lee Campbell Interstate Pump Company Inc.

Static Water Level at Start of Test 108 feet

QTY GPM	PUMPING LEVEL	DRAWDOWN	TIME	CONDITION OF WATER (SANDY, MUDDY, CLEAR, ETC.)
700	115'		1 Hr.	Clear
610	114'		1 Hr.	"
550	113'		1 Hr.	"
500	113'		1 Hr.	"
450	112'		1 Hr.	"
400	111'		1 Hr.	"
1200 plus	118'	(2 Min.) OFF	1 Hr.	"
			RECOVERED IMMEDIATELY	
			24 Hr. test plus some minutes	
				TEMPERATURE <u>59</u>

Water Supplies & Swim. Pools  
 Oregon State Board of Health

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DNF TEMP GPM

Static Water Level After Pump Removed \_\_\_\_\_

REMARKS: Average pumping level 550 to 600 GPM. Well recovers almost immediately after speed is reduced.

Signed by

*Lee Campbell*