

**WATER WELL REPORT**  
STATE OF OREGON

UMAT  
2862  
770

**RECEIVED**

MAY 21 1981

WATER RESOURCES DEPT  
SALEM, OREGON

State Well No. 4N/29E-17dd

State Permit No. 17add

Page 1 of 2

**(1) OWNER:**

Name Patrick Walchli  
Address Loop RD  
City Helmish State Oreg 97838

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

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven   
Mud  Dug   
Cased  Bored

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

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal: Withdrawal  ReInjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
18" Diam. from 0 ft. to 45 ft. Gauge 312  
" Diam. from ft. to ft. Gauge

**LINER INSTALLED:**

16" Diam. from 72 ft. to 225 ft. Gauge 250

**(6) 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

a pump test made?  Yes  No If yes, by whom?  
Yield: gal./min. with ft. drawdown after hrs.  
Air test 2000 gal./min. with drill stem at 700 ft. 1 hrs.  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 67 Depth artesian flow encountered ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used Portland Cement  
Well sealed from land surface to 45 ft.  
Diameter of well bore to bottom of seal 22 in.  
Diameter of well bore below seal 16 in.  
Number of sacks of cement used in well seal 35 sacks  
How was cement grout placed? Pumped

Was pump installed? No Type HP Depth ft.  
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 Umatilla Driller's well number  
SE 1/4 SE 1/4 Section 17 T. 4N R. 29E W.M.  
Tax Lot # NE Lot Blk Subdivision

Address at well location:  
on Edwards Rd.

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

Depth at which water was first found 310 ft.  
Static level 285 ft. below land surface. Date  
Artesian pressure lbs. per square inch. Date

**(12) WELL LOG:**

Diameter of well below casing 16 TO 500  
Depth drilled 1200 ft. Depth of completed well 1200 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
SAND	0	40	
Black Basalt & Clay	40	225	
Black BASALT	225	240	
Black & Brown	240	310	
Black Basalt	310	318	H <sub>2</sub> O
Black	318	340	
Black BASALT & Green Talc	340	346	H <sub>2</sub> O
Black BASALT	346	465	
Black BASALT & Green Talc	465	510	
Black Basalt	510	570	H <sub>2</sub> O
Black Basalt	570	700	
Black Basalt Green Talc	700	711	H <sub>2</sub> O
Black Basalt	711	873	
Grey Basalt	873	945	
Black Basalt Green Talc	945	965	H <sub>2</sub> O
Black Basalt	965	974	
Black Basalt Green Talc	974	1000	H <sub>2</sub> O
Black Basalt	1000	1070	
Black BASALT Green Talc	1070	1085	H <sub>2</sub> O
Black Basalt	1085	1132	

Work started Jan 15 19 81 Completed 5-10 19 81  
Date well drilling machine moved off of well 5-10 19 81

**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] \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_  
(Drilling Machine Operator)

Drilling Machine Operator's License No. \_\_\_\_\_

**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 \_\_\_\_\_ (Person, firm or corporation) (Type or print)  
Address \_\_\_\_\_

[Signed] \_\_\_\_\_ (Water Well Contractor)  
Contractor's License No. \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_

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

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP12658-690

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SALEM, OREGON

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(1) OWNER:

Name Patrick Walchli  
Address  
City State

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air  Driven  Mud  Dug  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal  Withdrawal  ReInjection

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

" Diam. from ..... ft. to ..... ft. Gauge  
" Diam. from ..... ft. to ..... ft. Gauge

LINER INSTALLED:

" Diam. from ..... ft. to ..... ft. Gauge

(6) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used  
Size of perforations in. by in.  
..... perforations from ..... ft. to ..... ft.  
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(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

..... a pump test made?  Yes  No If yes, by whom?  
Yield: gal./min. with ft. drawdown after hrs.  
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Air test gal./min. with drill stem at ft. hrs.  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water Depth artesian flow encountered ..... ft.

(9) CONSTRUCTION:

Special standards: Yes  No

Well seal—Material used  
Well sealed from land surface to ..... ft.  
Diameter of well bore to bottom of seal ..... in.  
Diameter of well bore below seal ..... in.  
Number of sacks of cement used in well seal ..... sacks  
How was cement grout placed?

Was pump installed? ..... Type ..... HP ..... Depth ..... ft.  
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 Driller's well number  
¼ ¼ Section T. R. W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found ..... ft.  
Static level ..... ft. below land surface. Date  
Artesian pressure ..... lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing ..... ft.

Depth drilled ..... ft. Depth of completed well ..... 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
Black Basalt + Gray Talc	1132	1148	H <sub>2</sub> O
Black Basalt	1148	1178	
Black Bore Basalt + Gray Talc	1178	1200	H <sub>2</sub> O

Work started 1-15 1981 Completed 5-20 1981  
Date well drilling machine moved off of well 5-20 1981

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] *Rodd H.* Date 5-20 1981  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1385

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 *Rodd H. Well Drilling*  
(Person, firm or corporation) (Type or print)  
Address *Rt. 14 P.O. Rock*  
[Signed] *Rodd H.*  
(Water Well Contractor)

Contractor's License No. 739 Date 5-10 1981

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