

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

**WATER WELL REPORT**

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

STATE OF OREGON  
(Please type or print)  
(Do not write above this line)

**RECEIVED**  
OCT 19 1976

State Well No. 3s 1/E-14ab  
State Permit No. \_\_\_\_\_

CLAC  
009235

**(1) OWNER:**

Name Robert R. Samuels  
Address 21195 South End Rd., Oregon City  
Oregon, 97045

**(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):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
None Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**(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

Was a pump test made?  Yes  No. If yes, by whom?  
Field: gal./min. with ft. drawdown after hrs.  
Air Rotary 320 Total " 1 "  
Air Rotary 300 208 " 1 "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION: See Original Log**

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  
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 Clackamas Driller's well number 76-45-8779  
NW 1/4 NE 1/4 Section 14 T. 3S R. 1E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found \_\_\_\_\_ ft.  
Static level 222 ft. below land surface. Date 10-11-76  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_  
Depth drilled 700 ft. Depth of completed well 700 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
Original well drilled by Skyles Well Drilling			
Deepened w/8" hole			
Rock, basalt, grey, hrd.	268	291	223
Rock, basalt, green, hrd.	291	309	
Rock, basalt, green, soft	309	312	
Rock, basalt, green, hrd.	312	334	
Rock, basalt, green, soft	334	345	
Rock, basalt, green, hrd.	345	353	
Rock, basalt, green, soft	353	369	
Rock, basalt, green, hrd.	369	373	
Rock, basalt, green, soft	373		
Frct. water		375	200
Rock, basalt, grey, hrd.	375	391	
Rock, basalt, blk., hrd.	391	422	
Rock, basalt, blk. soft, frct.	422	439	
Rock, basalt, grey, hrd.	439	451	
Rock, basalt, reddish, brwn	451		
Soft		468	199
Work started	9-16	19 76	Completed 10-12 19 76
Date well drilling machine moved off of well			10-12 19 76

**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] Steve Kusec Date 10-12, 1976  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 817

**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 S. & M. Drilling & Supply, Inc.  
(Person, firm or corporation) (Type or print)  
Address 399 S.E. Walnut Canby, Ore., 97013  
[Signed] Walter Mass  
(Water Well Contractor)  
Contractor's License No. 497 Date 10-12, 19 76

NOTICE TO WATER WELL CONTRACTOR  
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STATE ENGINEER, SALEM, OREGON '97310  
within 30 days from the date  
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# WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. 3s/12-79ab

State Permit No. \_\_\_\_\_

CLA 5  
009235  
pg. 2

(1) OWNER: Page 2 - Continued

Name Robert R. Samuels

Address \_\_\_\_\_

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary  Cable  Dug   
Driven  Jetted  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) CASING INSTALLED:

Threaded  Welded

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

(6) PERFORATIONS:

Perforated?  Yes  No.

Type of perforator used \_\_\_\_\_

Size of perforations \_\_\_\_\_ in. by \_\_\_\_\_ in.

\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

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\_\_\_\_\_ 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?

\_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ 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:

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

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 \_\_\_\_\_

Driller's well number \_\_\_\_\_

¼ ¼ Section T. R. W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_

(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 \_\_\_\_\_

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
Rock, basalt, blk., hrd, sms	468		
Quartz		484	
Rock, basalt, reddish brwn	484	495	
Rock, basalt, grey, hrd.	495	536	
Rock, basalt, blk., hrd w/	536		200
Seams, Rock, red		552	
Rock, basalt, blk, hrd	552	581	
Rock, basalt, grey, hrd	581	619	200
Rock, basalt, burnt, soft	619	630	
Rock, basalt, blk, hrd.	630	677	
Rock, basalt, blk, hrd.	677		
Irreg. crevice, water		686	
Rock, lava, red, soft	686		
Porous, water		698	
Rock, basalt, grey, hrd.	698	700	222

Work started \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19

Date well drilling machine moved off of well \_\_\_\_\_ 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] \_\_\_\_\_ Date \_\_\_\_\_ 10-12, 1976  
(Drilling Machine Operator)

Drilling Machine Operator's License No. \_\_\_\_\_ 817

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 \_\_\_\_\_ S. & M. Drilling & Supply, Inc. \_\_\_\_\_  
(Person, firm or corporation) (Type or print)

Address \_\_\_\_\_ 399 S. E. Walnut St., Canby, Or., 97013

[Signed] \_\_\_\_\_  
(Water Well Contractor)

Contractor's License No. \_\_\_\_\_ 497 Date \_\_\_\_\_ 10-12, 1976