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M 71.....

WATER RESOURCES DEPT

(for official use only)

(1) OWNER:

SALEM, OREGON

Name Lawrence Frank  
Address 12497 Sublimity Rd.  
City Sublimity, State Or.

(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   
Rotary Mud  Dug   
 Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Thermal:   
Irrigation  Withdrawal  ReInjection   
Other:   
Piezometric  Grounding  Test

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

12 Diam. from +1 ft. to 151 ft. Gauge 250  
" Diam. from ..... ft. to ..... ft. Gauge .....

LINER INSTALLED:

Steel  Plastic   
Threaded  Welded

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

(6) PERFORATIONS:

Perforated?  Yes  No

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?  
..... gal./min. with ..... ft. drawdown after ..... hrs.  
Air test 1000 gal./min. with drill stem at 250 ft. 2 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 Cement grout  
Well sealed from land surface to 42' 144' to 151' ft.  
Diameter of well bore to bottom of seal 15 1/2" in.  
Diameter of well bore below seal 12 in.  
Amount of sealing material 21 sacks  pounds   
How was cement grout placed? pumped from bottom up  
around casing with casing plugged

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 by legal description:

County Marion SW 1/4 NW 1/4 of Section 34 of  
Township 8s, Range 1W, WM.  
(Township is North or South) (Range is East or West)  
Tax Lot ..... Lot ..... Block ..... Subdivision .....  
MAILING ADDRESS OF WELL (or nearest address) same as owner

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 154 ft.  
Static level 52 ft. below land surface. Date 7-14-86  
Artesian pressure ..... lbs. per square inch. Date .....

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 425 ft. Depth of completed well 425 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
Top soil med	0	1	
Sub soil med red	1	3	
Clay med yellow	3	9	
Clay med tan	9	24	
Claystne med blue-gry	24	43	
Welded tufft grn-gry	43	145	
Basalt hard gry	145	154	
Basalt med gry visic	154	201	H2O
Basalt gry fract hard	201	207	H2O
Basalt hard gry	207	221	
BasALT GRy VISIC	221	229	
Claystne med gry-blue	229	236	
Basalt weathrd grn-gry	236	238	
Basalt hard gry	238	257	
Basalt gry-semi fract	257	260	
Basalt weathrd grn-brn	260	303	H2O
Basalt hard gry-brn seams	303	361	
Basalt hard gry	361	399	
Basalt fract gry	399	401	H2O
Basalt gry hard	401	425	

Date work started 7-9-86 /completed 7-14-86  
Date well drilling machine moved off of well 7-14 1986

(unbonded) Water Well Constructor Certification (if applicable):

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 .....

(bonded) Water Well Constructor Certification:

Bond ..... Issued by: ..... (Surety Company Name)  
On behalf of Staco Well Services (type or print name of Water Well Constructor)

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

(Signed) [Signature] (Water Well Constructor)

(Dated) 7-22-86