

KLAM 14959

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STATE ENGINEER WATER WELL REPORT SALEM, OREGON STATE OF OREGON

State Well No. 71/10-11A

State Permit No. ....

Page # 1

(1) OWNER:

Name CITY OF MERRILL Address Merrill, Oregon

(2) LOCATION OF WELL:

County Klamath Owner's number, if any- 2 NE 1/4 NE 1/4 Section 11 T. 41 S R. 10 E W.M. Bearing and distance from section or subdivision corner Lot 3, 120' SO. Center of Front St., Original Map, City of Merrill, Oregon 26' West of East Line

(3) TYPE OF WORK (check):

New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ] \* abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [X] Irrigation [ ] Test Well [ ] Other [ ]

(5) TYPE OF WELL:

Rotary [ ] Driven [ ] Cable [X] Jetted [ ] Dug [ ] Bored [ ]

(6) CASING INSTALLED:

Threaded [ ] Welded [X] 14" Diam. from 240 ft. to 462 ft. Gage 1/4 inch 12" Diam. from 0 ft. to 760 ft. Gage 1/4 inch

(7) PERFORATIONS:

Perforated? [ ] Yes [X] No

Type of perforator used

Table with columns: SIZE of perforations, in. by, in. Rows for perforations from various depths.

(8) SCREENS:

Well screen installed [ ] Yes [X] No

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

(9) CONSTRUCTION:

Was well gravel packed? [ ] Yes [X] No Size of gravel: ..... Gravel placed from ..... ft. to ..... ft. Was a surface seal provided? [X] Yes [ ] No To what depth? 760 ft. Material used in seal- Cement Did any strata contain unusable water? [ ] Yes [X] No Type of water? ..... Depth of strata ..... Method of sealing strata off Cemented off.

(10) WATER LEVELS:

Static level 33 ft. below land surface Date June 1962 Artesian pressure ..... lbs. per square inch Date .....

Log Accepted by:

[Signed] ..... Date ....., 19..... (Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [X] Yes [ ] No If yes, by whom? Interstate Pump. Yield: 2450 gal./min. with 19 ft. drawdown after 8 hrs.

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

Artesian flow g.p.m. Date .....

Temperature of water 74 Was a chemical analysis made? [ ] Yes [X] No

(12) WELL LOG:

Diameter of well 12 inches.

Depth drilled 1012 ft. Depth of completed well 1012 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns: MATERIAL, FROM, TO. Lists soil types and depths from 0 to 540 feet.

(13) PUMP:

Manufacturer's Name ..... Type: ..... H.P. ....

Well Driller's Statement:

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 .....

Driller's well number .....

[Signed] Walter L. Wilson (Well Driller)

License No. 108169 Date ....., 19.....

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SALEM, OREGON

STATE ENGINEER

WATER WELL REPORT

STATE OF OREGON

State Well No. 41/10-11A

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

(1) OWNER: SALEM, OREGON *Page #2*  
Name CITY OF MERRILL  
Address Merrill, Oregon

(2) LOCATION OF WELL:  
County \_\_\_\_\_ Owner's number, if any—  
1/4 1/4 Section T. R. W.M.  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
\*\* abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):  
Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) TYPE OF WELL:  
Rotary  Driven   
Cable  Jetted   
Dug  Bored

(6) CASING INSTALLED: Threaded  Welded   
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

(7) 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.  
perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(8) SCREENS: Well screen installed  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(9) CONSTRUCTION:  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Was a surface seal provided?  Yes  No To what depth? \_\_\_\_\_ ft.  
Material used in seal—  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_

(10) WATER LEVELS:  
Static level \_\_\_\_\_ ft. below land surface Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Log Accepted by: \_\_\_\_\_  
[Signed] \_\_\_\_\_ Date July 5, 1962  
City of Merrill

(11) WELL TESTS: Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? \_\_\_\_\_  
Yield: gal./min. with ft. drawdown after hrs.  
" " " " "  
" " " " "  
Baller test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m. Date \_\_\_\_\_  
Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

(12) WELL LOG: Diameter of well 12 inches.  
Depth drilled 1012 ft. Depth of completed well 1012 ft.  
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Grey Chalk	540	550
Green Chalk	550	880
Grey Chalk	880	891
Sand semi hard grey	891	900
Red Lava Rock	900	905
Grey Lava rock	905	927
Grey Lava (crevice) (Bit left)	927	932
Grey Lava very hard	932	939
Broken Lava	939	942
Grey Lava	942	947
Grey lava broken (w/sand in it)	947	950
Grey <del>lava</del> lava & blue lava	950	975
Lava & Black porous cinders (water)	975	995
Black Lava	995	1000
Lava Broken porous (water)	1000	1012

(Ten inch bit was drilled by at 932 feet)  
(Casing cemented in at bottom of twelve inch from 763 back up to 752. Five yards of cement put in at 184 to 189 feet. The 18 inch hole from 189 to 20 feet was filled with fine gravel around the 12 inch casing. Three yards of cement was put in from 20 feet to ground level.  
A 18 inch hole was drilled from 0 to 390. 14 inch casing is from 240 to 262. 12 inch is run thru the 14 inch to 760 feet.  
Work started July 29 1960. Completed June 1, 1962

(13) PUMP:  
Manufacturer's Name Layne & Bowler  
Type: Turbine H.P. 75

Well Driller's Statement:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME WILSON DRILLING CONTRACTOR.  
(Person, firm, or corporation) (Type or print)  
Address Box 136 Merrill, Oregon  
Driller's well number \_\_\_\_\_  
[Signed] *John L. Wilson*  
(Well Driller)  
License No. 159 Date June 29, 1962