

OBSERVATION WELL

CLAC

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 JUN 5 1964 STATE OF OREGON (Please type or print)

State Well No. 5/2-5 M

State Permit No. G-2671

STATE ENGINEER
SALEM, OREGON

A-6-2980

(1) OWNER:

Name Norman Simmons
Address Rt. #3, Box 122, Molalla, Ore.

(2) LOCATION OF WELL:

County Clackamas Driller's well number 23-64
NW 1/4 SW 1/4 Section 5 T. 5S R. 2E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

(5) TYPE OF WELL:

Domestic Industrial Municipal Rotary Driven
Irrigation Test Well Other Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded

10" Diam. from 0 ft. to 329 ft. Gage .279
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used Mills knife
Size of perforations 1/4 in. by 1 1/2 in.
120 perforations from 60 ft. to 90 ft.
464 perforations from 90 ft. to 148 ft.
48 perforations from 148 ft. to 160 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed? Yes No

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

(9) CONSTRUCTION:

Well seal—Material used in seal Bentonite and clay
Depth of seal 55 ft. Was a packer used? no
Diameter of well bore to bottom of seal 12 in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 36 ft. below land surface Date 6/2/64
Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Steinman Bros.

| | | | |
|--------|---------------------------|-------------------------------|---------------|
| Yield: | <u>300</u> gal./min. with | <u>109</u> ft. drawdown after | <u>6</u> hrs. |
| " | <u>250</u> " | <u>102</u> " | <u>7</u> " |
| " | <u>200</u> " | <u>93</u> " | <u>8</u> " |

Baller test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water 55° Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled 327 ft. Depth of completed well 327 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 |
|-------------------------------------|------|-----|
| Yellow clay | 0 | 6 |
| Cement gravel, yellow clay seams | 6 | 85 |
| Gravel and yellow clay | 85 | 96 |
| Loosely cemented gravel | 96 | 106 |
| Sandy clay, dark blue | 106 | 114 |
| Granular clay, tan | 114 | 121 |
| Granular clay, brown with some rock | 121 | 134 |
| Water bearing | | |
| Clay, sticky tan | 134 | 142 |
| Clay, yellow silty | 142 | 167 |
| Clay, blue and grey | 167 | 184 |
| Clay, brown sandy | 184 | 186 |
| Clay, grey | 186 | 214 |
| Clay, alternate blue and grey | 214 | 270 |
| Shale, soft grey | 270 | 290 |
| Clay, brown sticky | 290 | 301 |
| Grey shale | 301 | 319 |
| Clay, brown | 319 | 322 |
| Shale, blue sticky | 322 | 327 |

Work started May 8 19 64 Completed June 2 19 64

Date well drilling machine moved off of well June 3 19 64

(13) PUMP:

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

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 Steinman Bros.
(Person, firm or corporation) (Type or print)
Address 15112 S.E. McLoughlin, Milwaukie, Ore.

Drilling Machine Operator's License No. 68

[Signed] Steinman Bros.
(Water Well Contractor)

Contractor's License No. I Date June 3, 19 64