

NOTICE TO WATER WELL CONTRACTOR

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

STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion.

**RECEIVED**  
**SEP 10 1963**  
**STATE ENGINEER**  
**SALEM, OREGON**

**WATER WELL REPORT**

STATE OF OREGON  
 (Please type or print)

**CLAC**  
**01935**

State Well No. 3/8 1/2 E-36  
 State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name U.S. Dept. of Agriculture-Forest Service  
 Address Zigzag Ranger District  
Zigzag, Oregon

**(2) LOCATION OF WELL:**

County Clackamas Driller's well number 41-63  
SW 1/4 NE 1/4 Section 36 T. 3S R. 8 1/2 E W.M.  
 Bearing and distance from section or subdivision corner

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

New Well  Deepening  Reconditioning  Abandon   
 In abandonment, describe material and procedure in Item 12.

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

Domestic  Industrial  Municipal   
 Irrigation  Test Well  Other   
Forest Camp use.

**(5) TYPE OF WELL:**

Rotary  Driven   
 Cable  Jetted   
 Dug  Bored

**(6) CASING INSTALLED:**

Threaded  Welded   
8" Diam. from 0 ft. to 171.3" ft. Gage #322  
 " 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 \_\_\_\_\_ 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 & drill cuttings  
 Depth of seal 60 ft. Was a packer used? yes  
 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:**

15 1/2 feet after test pumping  
 before test pumping  
 Static level 11 ft. below land surface Date Sept 3, 1963  
 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: 43 gal./min. with 197 ft. drawdown after 5 hrs.  
 " 40 " 183 " 7 "  
 " 35 " 168 " 8 "  
 Bailer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow g.p.m. Date \_\_\_\_\_  
 Temperature of water 46 Was a chemical analysis made?  Yes  No

**(12) WELL LOG:**

Diameter of well below casing 8"  
 Depth drilled 350 ft. Depth of completed well 350 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 volcanic ash & broken rock	0	14
Grey volcanic rock-yellow volc. ash	14	24
Grey volcanic rock-brown & yellow	24	37
Grey volcanic rock specks	37	45
Bluish grey volcanic rock	45	57
Bluish grey volc. rock-pink streaks	57	63
Grey volcanic rock-hard & soft	63	95
Grey volcanic ash-broken rock	95	116
Glacial sand & broken rock	116	147
Soft packed pumice or talc	147	153
Broken rock	153	165
Multi-colored volc. rock-grey, pink, yellow and white mixed.	165	189
Semi-consolidated volcanic rock-tan clay seams	189	210
Grey and pink rock, some tan clay seams	210	240
Medium hard bluish grey rock	240	246
Bluish grey rock, grey clay seams	246	250
Soft bluish grey rock-clay seams	250	290
Brown rock (17 GPM)	290	295
Bluish grey volcanic rock	295	311
Red & brown volcanic rock (Water)	311	349
Bluish grey rock	349	350

Work started July 8, 1963. Completed Sept 5, 1963  
 Date well drilling machine moved off of well Sept 5, 1963

**(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 Sept 6, 1963