

RECEIVED MIRI... 1225e
 AUG 30 1965 WATER WELL REPORT

NOTICE TO WATER WELL CONTRACTOR

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

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

State Well No. 8/3w-21N
 State Permit No. _____

(1) OWNER:

Name Floyd E. Bates
 Address Rt. 4, Box 324 SALEM, OREGON

(2) LOCATION OF WELL:

County MARION Driller's well number _____
SW ¼ SW ¼ Section 21 T. 8 S. R. 3 W. W.M.
 Bearing and distance from section or subdivision corner
1000' E and 300' N of SW Cor. Sec. 21
BATES ROAD

(3) TYPE OF WORK (check):

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

(4) 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

6" Diam. from 0 ft. to 59 ft. Gage 250
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used Torch perf.
 Size of perforations 3/16 in. by 16 in.
50 perforations from 45 ft. to 58 ft.
 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.
 Diam. Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Bentonite & Cement
 Depth of seal 20 ft. Was a packer used? no
 Diameter of well bore to bottom of seal 10 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: 1/2
 Gravel placed from 30 ft. to 59 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 8 ft. below land surface Date 8/18/65
 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?
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 " " " " "
 " " " " "
 Baller test 50 gal./min. with 14 ft. drawdown after 1 hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 60 ft. Depth of completed well 60 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
Clay-surface	0	5
Basalt-decomposed	5	14
Basaltic boulder or basaltic shell	14	26
Lava-partially decomposed and volcanic ash?	26	57
Lava-Basalt, black, hard	57	60

Aquifer-Production started from 30' and increased to 57'. Casing set in solid basaltic formation on bottom 1/2" gravel placed to 30' 50 lbs bentonite placed on top of gravel. Hole filled to surface with mixture of crushed rock, cement and bentonite.

BECAUSE OF THE NATURE OF THE FORMATION IN THE AQUIFER THE WELL WILL CLEAR SLOWLY

Work started 8/16/65 19 . Completed 8/18/65 19
 Date well drilling machine moved off of well 8/18/65 19

(13) PUMP: Not installed

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 DUFFIELD BROS.
 (Person, firm or corporation) (Type or print)

Address 4123 BLUFF AVE S.E., SALEM, ORE.

Drilling Machine Operator's License No. 46

[Signed] Edward H. Duffield
 (Water Well Contractor)

Contractor's License No. 15 Date Aug. 18, 1965.