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DEC 26 1958

STATE ENGINEER WATER WELL REPORT  
SALEM, OREGON STATE OF OREGON

UMAT  
4351

State Well No. 6N/35-21G

State Permit No. G-857

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

(1) OWNER:  
Name J.G. MERRIFIELD  
Address R.T. NO. 2 Box 261  
MILTON-BREWSTER, ORE.

(2) LOCATION OF WELL: "IRRIGATION WELL"  
County UMATILLA Owner's number, if any—  
NW 1/4 SE 1/4 Section 21 T. 6N R. 35E, W.M.  
Bearing and distance from section or subdivision corner  
640' S AND 440' E. FROM CENTER  
OF SECTION 21.  
MIDDLE MUD CREEK TRIBUTARY TO  
WALLA WALLA RIVER.

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

(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   
1.0" Diam. from 6.5 ft. to 47'6" Gage 33 LBS.  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

(7) PERFORATIONS: Perforated?  Yes  No  
Type of perforator used TORCH SLOT TOTAL 270 LINEAL INCHES  
SIZE of perforations 1/4 in. by 6 in.  
15 L.F. perforations from 28'6" ft. to 43'6" 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. \_\_\_\_\_  
a. Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. 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? 15 ft.  
Material used in seal— CEMENT  
Did any strata contain unusable water?  Yes  No  
Type of water? SEMI-CONTAINED Depth of strata 96'-131'  
Method of sealing strata off \_\_\_\_\_

(10) WATER LEVELS:  
Static level 39 ft. below land surface Date 11/3/1945  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Log Accepted by: \_\_\_\_\_  
[Signed] J.G. Merrifield Date Dec. 27, 1958  
(Owner)

(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.  
" " " " " "  
" " " " " "  
" " " " " "  
Bailer 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 1.0 inches.  
Depth drilled 170 ft. Depth of completed well 170 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
TOP SOIL AND GRAVEL	0	5'
GRAVEL (DRY)	5	25'
GRAVEL (1ST WATER AT 25' SWL 10)	25	<del>38</del> 48'
GRAVEL (S.W.L. 25' @ 50')	42	<del>68</del> 68'
GRAVEL (S.W.L. 30')	68	<del>85</del> 85'
GRAVEL (S.W.L. 35')	85	96'
GRAVEL (SW.L. 39' PRIME AQUIFER)	96	131
GRAVEL W/SOME CLAY	131	170

10" I.D. CASING  
15' 05" PERFORATIONS  
6" 10" SHOE AT 47'6"  
10" OPEN DRILL HOLE  
170'

Work started OCT. 9 1945 Completed NOV. 5 1945

(13) PUMP:  
Manufacturer's Name PEARLESS  
Type: BELT DR. B.O. H.P. 7 1/2

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 A.R. DURAND & SON  
(Person, firm, or corporation) (Type or print)  
Address P.O. Box 437 WALLA WALLA, WA.  
Driller's well number W.V. PAGE - IRRIGATION WELL.  
[Signed] Paul A. Durand  
(Well Driller)  
License No. \_\_\_\_\_ Date 12/22, 1958