ORIGINAL
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MAR 4050

WATER WELL DRILLERS REPORT
STATE OF OREGON

Do Not Fill In — State Well No. 4/2W - 15 H(1)
State Permit No. APP G 253

(1) OWNER:
Name: Mrs Areta V. Harper
Address: Brooks
Oregon

(2) LOCATION OF WELL:
County: Marion — Owner's number, if any—
R. F. D. or Street No.
Bearing and distance from section or subdivision corner:
The Well is located 2419 ft. North and 1915 feet East from the SW. corner of the NW ¼ of the SE.¼ of Sec. 15; T.6 S; R.2 W of Willamette Meridian; Marion County, Oregon

(3) TYPE OF WORK (check):
New well X ☐ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

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

(5) EQUIPMENT:
Rotary ☐
Cable X
Dug Well ☐

(6) CASING INSTALLED:
Threaded ☐ Welded X

FROM	ft. to	ft.	Diam.	Gage or Wall
Top	to	150	10"	.279
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Type and size of shoe or well ring:
Describe joint: Welded Spring Steel 3/8 X 3

If gravel packed

Diameter of Bore	from ft.	to ft.
	"	"
	"	"
	"	"
	"	"
	"	"

Size of gravel:

(7) PERFORATIONS:
Type of perforator used: MILLS
SIZE of perforations 2 in., length, by 3/8 in.

FROM	ft. to	ft.	perf per foot	No. of rows
" 150 "	140	"	"20 "	" 17 "
" 130 "	125	"	"19 "	" "8 "
" 85 "	100	"	"21 "	" 26 "
" (612 perforations" in all)			" "	"

SCREENS:
Give Manufacturer's Name, Model No. and Size

(8) CONSTRUCTION:
Puddled clay
Was a surface sanitary seal provided? X Yes ☐ No To what depth 20 ft.
Were any strata sealed against pollution? ☐ Yes ☐ No
If yes, note depth of strata

FROM	ft. to	ft.
"	"	"

METHOD OF SEALING

(9) WATER LEVELS:
Depth at which water was first found: 89 ft.
Standing level before perforating: 24 ft.
Standing level after perforating: 24 ft.

Log Accepted by:
[Signed] Areta V. Harper Owner — Dated May 21, 1956

(10) WELL TESTS: Willamette Drilling Co.
Was a pump test made? X Yes ☐ No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
" " " "
Note Pump test below " "
Artesian flow g.p.m.
Shut-in pressure lbs. per square inch.
Bailer test g.p.m. with ft. drawdown
Temperature of water 56 Was a chemical analysis made? ☐ Yes X No
Was electric log made of well? ☐ Yes X No

(11) WELL LOG:
Diameter of well 10 inches.
Total depth 154 ft. Depth of completed well 154 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.*

0 ft. to 1 ft.		Top Soil
1 " 14 "		Yellow clay
14" 73"		Yellow silt & clay
73" 84"		Blue Shale
84" 89"		Sandy blue shale
89" 99"		Black sand & Gravel(Water)
99" 112"		Blue Shale
112" 118"		Sand & Wood
118" 126"		Blue Shale
126" 129"		Coarse gravel & sand(Water)
129" 141"		Shale & coarse gravel
141" 150"		Coarse Gravel & Sand(Water)
150" 153"		Shale & coarse Gravel
153" 154"		Coarse Gravel (Water)
154" ? "		Still drilling in -
- above coarse gravel;		
" "		
" "		
" "		
***Pump Test*		
" 600 G.P.M. & 65 ft.		after 2 hrs.
" 530 G.P.M. & 63 ft.		3 hrs
" 450 G.P.M. & 58 ft		4 hrs.
" "		
" "		
" "		
" "		
" "		

Ground elevation at well site 177 feet above mean sea level
Work started April 4 19 56 Completed May 21 19 56

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: Orville Wymore
(Person, firm, or corporation) (Typed or printed)
Address: Box 101 Brooks, Oregon
Driller's well number: 251
[Signed] Orville Wymore (Well Driller)
License No. 88 Dated May 21, 1956 19

USGS Copy Mailed

STATE ENGINEER
Salem, Oregon

State Well No. 6/2W-15H1

County Marion

Application No.

Chemical Analysis

OWNER Mrs. Areta V. Harper OWNER'S NO.

ANALYST USGS Address Portland, Oregon

Date of Collection 6-1-60

Point of Collection

	P.P.M.	E.P.M.
Silica (SiO_2)	46	
Iron (Fe) Total	.62	
Manganese (Mn)		
Calcium (Ca)	17	
Magnesium (Mg)	8.3	
Sodium (Na)	6.9	
Potassium (K)	1.3	
Bicarbonate (HCO_3)	108	
Carbonate (CO_3)	0	
Sulfate (SO_4)	1.2	
Chloride (Cl)	2.2	
Fluoride (F)	.3	
Nitrate (NO_3)	.1	
Boron (B)		
Dissolved Solids	137	
Hardness as $CaCO_3$	76	
Specific Conductance (Micromhos at 25°C)	172	
pH	7.7	
Percent Sodium	16	
Sodium Absorption Ratio (S.A.R.)	.3	
CLASS		

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