

NOTICE TO WATER WELL CONTRACTOR

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

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

UMAT 3096

RECEIVED

STATE OF OREGON

(Please type or print)

STATE ENGINEER
SALEM, OREGON

(Please type or print)

G-4792
G-4791
G-4790
G-4276

State Well No.

State Permit No.

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4N/35-27

UMAT
3096

(1) OWNER:

Name Robert V. Wood
Address Rt. 3 Box 145A,

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒

~~14~~ " Diam. from 0 ft. to 4.68 ft. Gage 250
" Diam. from 0 ft. to 4.68 ft. Gage 250
" Diam. from 0 ft. to 4.68 ft. Gage 250

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used

Size of perforations in. by in.
2800 perforations from 363 ft. to 4.63 ft.
perforations from 363 ft. to 4.63 ft.
perforations from 363 ft. to 4.63 ft.
perforations from 363 ft. to 4.63 ft.
perforations from 363 ft. to 4.63 ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WATER LEVEL: Completed well.

Static level 275 ft. below land surface Date 6/4/68

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Columbia Pump

Id: 1010 gal./min. with 157 ft. drawdown after 75 hrs.
1155 " 172 " 24 "
" 1350 " 210 " 36 "

Ball test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water 64 Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION:

Well seal—Material used, Cement

Depth of seal 23 ft.

Diameter of well bore to bottom of seal 18 in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth

Was a drive shoe used? ☐ Yes ☒ No

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County Umatilla Driller's well number

NW 1/4 SE 1/4 Section 27 T. 4N R. 35 W.M.

Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing 135 to 56

Depth drilled 1070 ft. Depth of completed well 1070 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Soil DARK	0	9	
BASALT grey	14	38	
BASALT Honeycomb - Black-Brown	38	101	
" grey	101	107	
" FRACTURED Black	107	127	
" Honeycomb	127	164	
" FRACTURED Black-Brown	164	220	
Clay Blue	220	234	
BASALT FRACTURED w/ sandstone	234	275	
" Black HARD	275	306	
" " grey, Brown	306	344	
" grey (HARD)	344	358	
" FRACTURED Red (water bearing)	358	382	
" BLACK (HARD)	382	400	
" Honeycomb Red Cinders	400	463	
" grey-Black HARD	463	542	
" Red Cinders (Loose)	542	565	
" Black	565	591	
" grey (HARD)	591	607	
" Black FRACTURED	607	621	
" " "	621	628	
" FRACTURED	628	692	

Work started 12/5/1967 Completed 5/1/1968

Date well drilling machine moved off of well 6/5/68 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Pamela Lewis Date 7/2/1968
(Drilling Machine Operator)

Drilling Machine Operator's License No. 341

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 INTERVAL Drilling Co.
(Person, firm or corporation) (Type or print)

Address P.O. Box 471

[Signed] Otto Ellsworth
(Water Well Contractor)

Contractor's License No. 398 Date 7/2/68, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

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WATER WELL REPORT

STATE OF OREGON
(Please type or print)

2nd Page 4N/35-27

State Well No. _____
State Permit No. _____

FORMATION LOG CONTINUED
G-4276

(1) OWNER:

Name Robert V. Wood
Address Rt. 3 Box 145A
MILLON EREC WATER

(2) LOCATION OF WELL:

County _____ Driller's well number _____
1/4 1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner

Continued from 1st page

(3) TYPE OF WORK (check):

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

(4) PROPOSED USE (check):

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

(5) TYPE OF WELL:

(6) CASING INSTALLED:

Threaded ☐ Welded ☐
" Diam. from _____ ft. to _____ ft. Gage _____
" 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.
_____ perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed? ☐ Yes ☐ No

Manufacturer's Name _____ 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 _____
Depth of seal _____ ft. Was a packer used? _____
Diameter of well bore to bottom of seal _____ 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 _____ ft. below land surface Date _____
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.
"	"	"	"
"	"	"	"

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 below casing _____

Depth drilled _____ ft. Depth of completed well 1070 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
BASALT BLACK (HARD)	692	704
" " Honeycomb	704	802
" " FRACTURED	802	824
" " HARD	824	895
" " Honeycomb	895	916
" " HARD	916	942
" Red-Brown Honeycomb	942	960
" Honeycomb green-Black	960	972
" " " Soapstone	972	996
BASALT BLACK (HARD)	996	1008
" Broken Black-Green	1008	1029
" HARD	1029	1032
" Broken Red-Brown	1032	1065
" Black (hard)	1065	1070

Work started _____ 19 _____ Completed _____ 19 _____

Date well drilling machine moved off of well _____ 19 _____

(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 INTERVALLEY DRILLING CO
(Person, firm or corporation) (Type or print)

Address _____

Drilling Machine Operator's License No. 282

[Signed] H. Blum
(Water Well Contractor)

Contractor's License No. 398 Date 7/2/68, 19 _____

(USE ADDITIONAL SHEETS IF NECESSARY)

Deepening Log at Dale Wood Well

-From diillers notes

4N 135-27 } PPL
5406 } pole

Date	Formation	FROM	TO
	SWL 375 ft (10" at bottom)		
Sept. 18, 79	Moved In (water Temp 65°)		
Sept. 19, 79	Set rig up		
Sept. 20, 79	11:00 a.m. cleaning out bottom from 1056 to 1062 1 hr. bottom of hole 1062 basalt, Black	1062	1105
	Gray Basalt	1105	1120
	Porous Broken Black Basalt	1120	1170
	Gray Basalt & gray clay	1170	1195
Oct. 24, 1979	SWL 357 ft		
	Water Temp. 57°		
	Hard gray clay	1195	1222
Oct. 31, 1979	Porous black	1222	1243
Nov. 5, 1979	Broken Black w/ seams a/blue S-S	1243	1253
	Dark gray basalt	1253	1272
	Broken black basalt w/ gray clay	1272	1320
	Gray Basalt	1320	1340
	Broken Black Basalt	1340	1355
	Black Basalt w/ gray clay	1355	1366
	Broken black	1366	1375
	dark gray basalt	1375	1385
Jan. 10, 1980	SWL 344 ft. Water Temp 56°		
	Gray clay some rock	1385	1410
	Gray Basalt	1410	1412

Black Basalt w/seams	1412	1419
Gray Basalt SWL 342 ft	1419	1422
Gray Clay w/some rock	1422	1425
Red rock & clay	1425	1445
Black Basalt	1445	1455
SWL 341 ft		
Porous Block	1455	

on ground by rig : 25 length of 20' pump column
 2 lengths of 10' pump column