

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**  
WATER WELL REPORT  
JUN 5 1964  
STATE OF OREGON  
(Please type or print)  
**STATE ENGINEER**  
SALEM, OREGON

UMAT  
94

State Well No. 1132-19P(11)  
State Permit No. \_\_\_\_\_

(1) OWNER: **SALEM, OREGON**  
Name Mr. Arnold Hoeft  
Address Pilot Rock, Oregon

(2) LOCATION OF WELL:  
County Umatilla Driller's well number \_\_\_\_\_  
¼ Section 19 T. 1S. R. 32 W.M. \_\_\_\_\_  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(3) TYPE OF WORK (check):  
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   
12" Diam. from 0 ft. to 109 ft. Gage Standard  
" 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 cement  
Depth of seal 109 ft. Was a packer used? \_\_\_\_\_  
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:  
Static level 50 ft. below land surface Date 4/30/64  
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: 250 gal./min. with 250/170 ft. drawdown after 7 hrs.  
" " 170 " " "  
" " " " "  
" " " " "  
Baller test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
Temperature of water 62 Was a chemical analysis made?  Yes  No

(12) WELL LOG: Diameter of well below casing 10 1/2  
Depth drilled 937 ft. Depth of completed well 937 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
Soil, broken rock & gravel	0	3
Sandy soil	3	7
Sand & gravel, covey	7	16
Gravel & clay	16	20
Hard clay & broken rock	20	70
Broken brown basalt	70	109
Black basalt	109	123
Grey basalt	123	160
Broken red & brown basalt (some H2O)	160	165
Brown basalt, Broken	165	175
Brown basalt	175	180
Red & brown basalt	180	185
Brown basalt	185	200
Black basalt brown seams	200	230
Black basalt porous, some H2O	230	265
Black basalt	265	475
Dark grey basalt	475	508
Black basalt	508	520
Dark grey basalt	520	528
Black basalt brown seams	528	540
Black basalt	540	560
Black basalt porous	560	605
Dark grey basalt	605	645
Black basalt broken	645	665

Work started 19 \_\_\_\_\_ Completed 19 \_\_\_\_\_  
Date well drilling machine moved off of well 19 \_\_\_\_\_

(13) PUMP: Manufacturer's Name \_\_\_\_\_  
Type: \_\_\_\_\_ H.P. \_\_\_\_\_  
*Continue on Page 2*

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 \_\_\_\_\_ (Person, firm or corporation) \_\_\_\_\_ (Type or print)  
Address \_\_\_\_\_  
Drilling Machine Operator's License No. \_\_\_\_\_  
[Signed] \_\_\_\_\_ (Water Well Contractor)  
Contractor's License No. \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_\_

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**STATE ENGINEER**

**NOTICE TO WATER WELL CONTRACTOR**  
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**WATER WELL REPORT**  
**STATE OF OREGON**  
 (Please type or print)

State Well No. 1/32-1990  
 State Permit No. \_\_\_\_\_

**(1) OWNER:**  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

**(2) LOCATION OF WELL:**  
 County \_\_\_\_\_ Driller's well number \_\_\_\_\_  
 1/4 Section T. R. W.M.  
 Bearing and distance from section or subdivision corner \_\_\_\_\_

**(3) TYPE OF WORK (check):**  
 New Well  Deepening  Reconditioning  Abandon   
 Abandonment, describe material and procedure in Item 13.

**(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   
 " 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. \_\_\_\_\_  
 \_\_\_\_\_ in. 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.  
 " " " " "  
 " " " " "  
 Bailor 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 \_\_\_\_\_ 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
Broken brown basalt	665	670
Broken black basalt	670	680
Black basalt	680	725
Grey basalt	725	775
Black basalt	775	850
<b>(Tested-200 GPM from 200 feet, Temp 62)</b>		
Grey basalt	850	885
Black basalt broken brown streaks	885	910
Broken black basalt, gray clay seams	910	914
Conglomerate of black, brown, red rock	914	922
Soft streak red & brown rock	922	925
Black, brown, red & grey clay seams	925	937
12" hole to 242 feet		
10" hole to 937 feet		

Work started 11/20 1963. Completed 4/30/64 19\_\_\_\_  
 Date well drilling machine moved off of well 5/4/64 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 D. K. Smith  
 (Person, firm or corporation) (Type or print)  
 Address P.O. #93 Walla Walla, Washington  
 Drilling Machine Operator's License No. 807-121  
 [Signed] D.K. Smith  
 (Water Well Contractor)  
 Contractor's License No. 204 Date 6/2/64, 19\_\_\_\_