

UMAT 5180

6N/36-20K

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

AUG 9 1966

WATER WELL REPORT

STATE OF OREGON (Please type or print) G-4664 G-3700

State Well No. 6N/36-20K

State Permit No. 0-277

(1) OWNER: Name D. K. "DON" SMITH Address P.O. BOX 179 WALLA WALLA, WASHINGTON

(2) LOCATION OF WELL: County Umatilla Driller's well number 1/4 Section 20 T. 6N R. 36 E W.M. Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check): New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ] Abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check): Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [X] Test Well [ ] Other [ ] (5) TYPE OF WELL: Rotary [ ] Cable [ ] Dug [ ] Driven [ ] Jetted [ ] Bored [ ]

(6) CASING INSTALLED: Threaded [ ] Welded [X] 1 1/2" Diam. from 0 ft. to 345 ft. Gage stand. 8" Diam. from 329 ft. to 457 ft. Gage stand.

(7) PERFORATIONS: Perforated? [ ] Yes [X] No Type of perforator used Size of perforations in. by in. perforations from ft. to ft.

(8) SCREENS: Well screen installed [ ] Yes [X] No Manufacturer's Name Model No. Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION: Well seal—Material used in seal puddled clay 250' & cement Depth of seal 20 ft. Was a packer used? no Diameter of well bore to bottom of seal 16 in. Were any loose strata cemented off? [ ] Yes [X] No Depth Was a drive shoe used? [X] Yes [ ] No Was well gravel packed? [ ] Yes [X] No Size of gravel: Gravel placed from ft. to ft. Did any strata contain unusable water? [ ] Yes [X] No Type of water Depth of strata Method of sealing strata off

(10) WATER LEVELS: Static level 195 ft. below land surface Date 7/6/66 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? [X] Yes [ ] No If yes, by whom? Yield: 325 gal./min. with 3 ft. drawdown after 4 hrs. 275 " " " " " "

Baller test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Date Temperature of water 55 Was a chemical analysis made? [ ] Yes [X] No

(12) WELL LOG: Diameter of well below casing 8 ft. Depth drilled 690 ft. Depth of completed well 690 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.

Table with columns MATERIAL, FROM, TO. Rows include Soil, Brown clay & soil, Hard clay & gravel brown, Brown clay, Small gravel & brown clay (water), Hard clay & gravel brown, Soft brown clay & gravel, Hard brown clay, sand & gravel, Brown clay (sticky), Hard grey clay, Dry clay, covey, Hard grey clay, Grey clay, broken black rock atk., Blue clay (sticky), Grey clay & broken black rock, Dry clay covey, Black basalt & grey clay, Black basalt, Broken brown basalt & clay, Black basalt, Grey clay, Black basalt, Broken black basalt, Grey basalt.

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

(13) PUMP: Manufacturer's Name Cont. 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 (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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# RECEIVED

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## WATER WELL REPORT

STATE OF OREGON  
 (Please type or print)

State Well No. **6N/36-20K**  
 State Permit No. \_\_\_\_\_  
**G-3700**

### (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 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   
 " 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. \_\_\_\_\_  
 Diam. 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.  
 " " " " " "  
 " " " " " "  
 Baller 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
Black basalt	569	574
Broken black basalt (water bearing)	574	625
Gray basalt	625	681
Black basalt (water bearing)	681	690

Work started Oct. 15 19 64 Completed 7/10/66 19  
 Date well drilling machine moved off of well 7/10/66 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. "DON" SMITH**  
 (Person, firm or corporation) (Type or print)

Address **P.O. BOX 179**

Drilling Machine Operator's License No. **309,367**

[Signed] *D. K. Smith*  
 (Water Well Contractor)

Contractor's License No. **204** Date **8/4/66**, 19