

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 537.765)

**RECEIVED** LANE 9644 1/6/5E-14  
 PLEASE TYPE or PRINT IN INK  
 FEB 5 - 1985

(for official use only)

**(1) OWNER:**

Name WILLAMETTE NATIONAL FOREST  
 Address COUGAR ENGINEERING ZONE  
 City EUGENE State ORE

**LOCATION OF WELL by legal description:**

SALEM, CLATSOP COUNTY 1/4 1/4 of Section 14 of  
 Township 16 SOUTH, Range 5 EAST, W.M.  
 (Township is North or South) (Range is East or West)

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven  Domestic  Industrial  Municipal   
 Thermal:  Withdrawal  ReInjection   
 Rotary Mud  Dug  Other:   
 Cable  Bored  Piezometric  Grounding  Test

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Thermal:  Withdrawal  ReInjection   
 Other:  Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
6" Diam. from 1 1/2 ft. to 80 ft. Gauge 250  
 " Diam. from " ft. to " ft. Gauge "

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
 " Diam. from " ft. to " ft. Gauge "

**(6) PERFORATIONS:**

Perforated?  Yes  No  
 Size of perforations in. by in.  
 perforations from " ft. to " ft.  
 perforations from " ft. to " ft.  
 perforations from " ft. to " ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
 Manufacturer's Name COOK  
 Type STAINLESS STEEL Model No. \_\_\_\_\_  
 Diam. 6" Slot Size .070 Set from 77 ft. to 84 1/2 ft.  
 Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level  
 Was a pump test made?  Yes  No If yes, by whom?  
 Rate: 22 gal./min. with 1 ft. drawdown after 6 hrs.  
 Air test gal./min. with drill stem at " ft. hrs.  
 Bailer test gal./min. with " ft. drawdown after " hrs.  
 Artesian flow g.p.m.  
 Temperature of water " Depth artesian flow encountered " ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
 Well seal—Material used CEMENT GROUT  
 Well sealed from land surface to 18' ft.  
 Diameter of well bore to bottom of seal 10 in.  
 Diameter of well bore below seal 6 in.  
 Amount of sealing material 28 sacks  pounds   
 How was cement grout placed? PRESSURE GROUT AS 10"  
STARTER PIPE PULLED  
 Was pump installed? YES Type HAND PUMP Depth 65 ft.  
 Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
 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) WATER LEVEL of COMPLETED WELL:**

Depth at which water was first found 72 ft.  
 Static level 36 ft. below land surface. Date 1-16-85  
 Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_  
 Depth drilled 85 ft. Depth of completed well 85 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 and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
TOP SOIL	0	2	
CLAY - BROWN	2	5	
BOULDERS w/CLAY	5	12	
SAND & GRAVEL w/CLAY	12	41	
SAND & GRAVEL w/SILT	41	72	
SAND & GRAVEL	72	85	36'
WATER BEARING			

Date work started 1-7-85 /completed 1-18-85  
 Date well drilling machine moved off of well 1-18 1985

**(unbonded) Water Well Constructor Certification (if applicable):**

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

[Signed] Charles D. Nugent Date 1-18, 1985

**(bonded) Water Well Constructor Certification:**

Bond \_\_\_\_\_ Issued by: TRAVELER'S  
 (number) (Surety Company Name)  
 On behalf of NUGENT DRILLING CO.  
 (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(Signed) Charles D. Nugent  
 (Water Well Constructor)

(Dated) 1-18-85