

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED**

SEP 26 1984

WATER RESOURCES DEPT

State Well No. 265/5E-14

State Permit No. \_\_\_\_\_

SALEM, OREGON

**(1) OWNER:**

Name Umpqua National Forest  
Address P.O. Box 1008  
City Roseburg State Oregon

**(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   
Rotary Mud  Dug   
Cased  Bored

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

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal  Withdrawal  Reinjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded   
8" Diam. from 1.3 ft. to 6.3 ft. Gauge 2.80  
6" Diam. from 1.2 ft. to 1.50 ft. Gauge 2.80

**(6) LINER INSTALLED:**

" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(7) PERFORATIONS:**

Perforated?  Yes  No  
Type of perforator used Cutting torch  
Size of perforations 1/8 in. by 12 in.  
122 perforations from 6.7 ft. to 145 ft.  
perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) 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.

**(9) WELL TESTS:**

Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? Driller  
20 1/2 gal./min. with 38 1/2 ft. drawdown after 4 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 41° Depth artesian flow encountered \_\_\_\_\_ ft.

**(10) CONSTRUCTION:**

Special standards: Yes  No   
Well seal—Material used CEMENT  
Well sealed from land surface to 40 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 47 sacks  
How was cement grout placed? Grout Pump  
Was pump installed? No Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ 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) LOCATION OF WELL:**

County Douglas Driller's well number \_\_\_\_\_  
1/4 \_\_\_\_\_ 1/4 Section 14 T. 265 R. 5-E W.M. \_\_\_\_\_  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_

Address at well location: Diamond Lake Ranger District - Poole Creek Campground

**(12) WATER LEVEL: Completed well.**

Depth at which water was first found 1.23 ft.  
Static level 98.5 ft. below land surface. Date 9-20-84  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(13) WELL LOG:**

Diameter of well below casing 8  
Depth drilled 150 ft. Depth of completed well 150 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
Soil - Brown	0	2	
Clay - Pumice	2	17	
Basalt - Med - Broken	17	23	
Basalt - Med	23	28	
Basalt - Soft - Broken	28	34	
Basalt - Med Hard	34	41	
Basalt - Med - Broken	41	48	
Basalt - Med	48	53	
Basalt - Med - Broken	53	58	
Basalt - Med	58	77	
Basalt - Med - Fractured	77	78	
Basalt - Med - Gray	78	82	
Basalt - Hard - Gray	82	93	
Basalt - Med Hard - Red	93	97	
Basalt - Hard - Light Gray	97	105	
Basalt - Med Hard - Red	105	111	
Basalt - Soft - Red - Fractured	111	123	98.5
Basalt - Soft - Red - Broken	123	124	
Basalt - Med - Gray	124	134	
Basalt - Hard - Gray	134	141	
Basalt - Hard - Gray - Fractured	141	143	
Basalt - Hard - Gray	143	150	

Work started 9-12 1984 Completed 9-21 1984  
Date well drilling machine moved off of well 9-21 1984

**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] Bruce H. Moon Date 9-23, 1984  
(Drilling Machine Operator)

Drilling Machine Operator's License No. wave 629

**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 Mohr Well Drilling  
(Person, firm or corporation) (Type or print)  
Address 250 Half Mile Rd. Roseburg, Ore.

[Signed] Bruce H. Moon  
(Water Well Contractor)  
Contractor's License No. 629 Date 9-23, 1984

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP\*12658-690