

WATER WELL REPORT
STATE OF OREGON

DESC 580

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OCT 12 1983

PLEASE TYPE WATER RESOURCES DEPARTMENT
SALEM, OREGON

State Well No. 215/8E-33ad

State Permit No. _____

(1) OWNER:

Name U.S.D.A. Forest Service
Address P.O. Box 3623
City Portland State OR. 97208

(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
 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 ft. to 225 ft. Gauge 250
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

" Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS:

Perforated? Yes No
Type of perforator used air
Size of perforations 1/4 in. by 1 1/2 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 _____
Type _____ Model No. _____
Diam. _____ Slot Size _____ Set from _____ ft. to _____ 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?
_____ 93 gal./min. with 50 ft. drawdown after 8 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 5% bentonite
Well sealed from land surface to 15 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 25 sacks
How was cement grout placed? pumped
Was pump installed? no Type _____ HP _____ Depth _____ ft.
Was a drive shoe used? Yes No Plugs Cement size: location 210 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.

(10) LOCATION OF WELL:

County Deschutes Driller's well number _____
S.E. 1/4 N.E. 1/4 Section 33 T. 21 S R. 8 E. W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____

Address at well location: S. Twin Guard Station
Deschutes National Forest-211 NE Revere, Bend, OR.

(11) WATER LEVEL: Completed well.

97701
Depth at which water was first found 40 ft.
Static level 24 ft. below land surface. Date 9-25-83
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8 in.
Depth drilled 257 ft. Depth of completed well 210 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	4	
consolidated cobbles	4	40	
clay brown	40	132	
sandstone water	132	142	24'
clay with seams of sand	142	190	24'
clay	190	235	
sand very fine	235	257	

Work started 9-16 1983 Completed 9-26 1983
Date well drilling machine moved off of well 9-26 1983

(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] _____ Date _____, 19____

Bonded Water Well Constructor Certification:
Bond 9197179 Issued by: Fidelity & Deposit Co.
(number) Surety Company Name
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Donnelly Drilling Co.
(Person, firm or corporation) (Type or print)
Address P.O. Box 5, Aurora, OR. 97002
[Signed] David Donnelly
Water Well Constructor
Date 10-3, 1983.