

WATER WELL REPORT
STATE OF OREGON

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WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. 73/1W-20cc

State Permit No.

(1) OWNER:

Name Richard Kuenzi
Address 6199 NE Topaz N.E.
City Brooks, Oregon 97305 State _____

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

R Air Driven
Mud Dug
Cable 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 1/2 ft. to 27 ft. Gauge .250
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

6" Diam. from 0 ft. to 390 ft. Gauge 160PSI

(6) PERFORATIONS:

Perforated? Yes No Liner Only

Type of perforator used XXXXXX Skillsaw

Size of perforations 1/8 in. by 8 in.

360 perforations from 270 ft. to 390 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

Is a pump test made? Yes No If yes, by whom?

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

Air test 100+ gal./min. with drill stem at 415 ft. 6 hrs.

Water 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 Portland Cement

Well sealed from land surface to 27 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 17 sacks

How was cement grout placed? Pumped to bottom of annulus

Was pump installed? _____ 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.

(10) LOCATION OF WELL:

County Marion Driller's well number 2670

SW 1/4 SW 1/4 Section 20 T. 7S R. 1W W.M.

Tax Lot # _____ Lot _____ Blk _____ Subdivision _____

Address at well location: 10570 Sunnyview Rd.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 218 ft.

Static level 179 ft. below land surface. Date 2/20/87

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8

Depth drilled 422 ft. Depth of completed well 415 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
Topsoil	0	2	
Brown Clay	2	18	
Black Basalt	18	95	
Soft Black Basalt	95	103	
Brown Crumbling Rock and Shale	103	110	
Weathered Brown Basalt	110	115	
Slightly Weathered Brown Basalt	115	199	
Black Basalt	199	218	
Weathered Basalt W.B.	218	226	
Black XXXXXX Basalt	226	265	
Slightly Broken Basalt W.B.	265	274	
Black XXXXXX Basalt	274	298	
Slightly Weathered Basalt	298	308	
Soft Brown Shale	308	312	
Slightly Weathered Basalt W.B.	312	325	
Fractured Black Basalt W.B.	325	422	

from 418 to 422 rests what is left of an IR model 360 D-T-H Hammer. Because of difficulty in removing hammer well was terminated here.

Work started 1/18/87 19 Completed 2/20/87 19

Date well drilling machine moved off of well 2/20/87 19

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] Mark D. Bell Date 2/28/87
(Drilling Machine Operator)

Drilling Machine Operator's License No. 811

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 WILLAMETTE DRILLING CO.
(Person, firm or corporation) (Type or print)

Address 7365 O'Neil Rd. N.E. Salem, Oregon 97303

[Signed] Mark D. Bell
(Water Well Contractor)

Contractor's License No. 753 Date 2/28/87, 19