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State Well No. 45/1W-300a

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

SEP 27 1977 STATE OF OREGON
(Please type or print)
WATER RESOURCES DEPT.
(Do not write above this line)
6-7-77 SALEM, OREGON

State Well No.

State Permit No.

(1) OWNER:

Name SCHOOL DISTRICT #91 Clackamas Co
Address Pc 1 Box 106
Hubbard Ore.

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
8" Diam. from 0 ft. to 5.65 ft. Gage 2.50
" Diam. from " ft. to " ft. Gage
" Diam. from " ft. to " ft. Gage

(6) PERFORATIONS:

Perforated? Yes No
Type of perforator used Star
Size of perforations 3/8 in. by 1 1/2 in.
12.5 perforations from 17.2 ft. to 17.7 ft.
12.5 perforations from 25.7 ft. to 26.2 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? Driller
Yield: 300 gal./min. with 16.9 ft. drawdown after 21 hrs.
250 " 150 " 22 "
" 200 " 135 " 24 "
Bailer test gal./min. with " ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used PURE CEMENT & GROUT
Well sealed from land surface to HP ft.
Diameter of well bore to bottom of seal 13+ in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 2.5 + 2 Yds Bedrock sacks
How was cement grout placed? From top of surface pipe was removed.
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: 3/8 x 1/2
Gravel placed from 40.5 ft. to 42.0 ft.

(10) LOCATION OF WELL:

County Clackamas — Driller's well number
NE 1/4 SE 1/4 Section 96 T. 45 R. 1W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 88 ft.
Static level 3.5 ft. below land surface. Date 8-16-77
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"
Depth drilled 600 ft. Depth of completed well 420 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
Formations on separate sheets.			
The well was drilled to a depth of 600ft piped to 565ft. Then pipe pulled back to 405. Perforated & developed & tested.			

Work started June 8 1977 Completed Aug 24 1977
Date well drilling machine moved off of well Aug 24 1977

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] John W Beck Date Aug 30, 1977
(Drilling Machine Operator)
Drilling Machine Operator's License No. 437

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 J.W. Beck Well Drilling
(Person, firm or corporation) (Type or print)
Address 2437 S Skyline Dr Canby Ore
[Signed] John W Beck
(Water Well Contractor)
Contractor's License No. 449 Date Aug 30 1977

Formations of well for School District #91

	depth
Surface	0----2
Redish brown silty clay	2----18
Light brown silty clay	18---33
Light gray silty sand	33-37
Blue clay (light and silty)	37---48
Dark blue clay (sticky)	48--55
Lighter blue clay (sticky)	55---74
Cement gravel	74---81
Black clay	81---88
Black sand stone (soft and fine)	88---92
Black sand and silt	92---102
Black course sand	102--106
Black sand and gravel in bottom few inches of sand layer greenish blue clay	106--116
Light brown clay	116--122
Light blue clay	122--140
Light brown clay	140--158
Dark blue clay (silty)(silty)	158--160
Light blue clay (sticky)	160--168
Dark blue clay stone	168--178
Black sand (water)	178--185
Black clay	185--192
Greenish blue clay	192--212
Blue clay	212--254
Dark green clay	254--260
Light blue silty clay	260--263
Sand and clay chunks (water)	263--266
Dark silty clay	266--271
Green clay (sticky)	271--278
Brwon sand stone	278--288
Dark blue clay(sticky)	288--302
Light brwon clay	302--308
Light blue clay	308--338
Dark hard silt	338--352
Black sand stone	352--360
Redish shale hard	360--365
Black silty sand stone	365--374
Dark blue clay (sticky)	374--384
Lighter blue clay (sticky)	384--399
Darker blue clay silty	399-412
Mucky sand stone lots of wood	412--420
Blue clay (sticky)	420--460
Light green clay	460--482
Light blue clay	482--504
Light gray shale	504--520
Dark brown shale	520--528
Light blue clay with streaks of green clay	528--542
Light blue clay (sticky)	542--558
Light brown clay (hard)	558--566
Light blue clay (sticky)	566--571
Blue darker clay	571--591
Dark clay (sticky)	591--602