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OCT 20 2003

WELL # ZB

STATE OF OREGON WATER SUPPLY WELL REPORT WATER RESOURCES DEPT. SALEM, OREGON

WELL I.D. # L56652 START CARD # 101594

Instructions for completing this report are on the last page of this form.

(1) OWNER: Arthur Spada Well Number Name Address 7251 St. Paul HWY City St. Paul State OR Zip 97137

(2) TYPE OF WORK [X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD: [] Rotary Air [] Rotary Mud [X] Cable [] Auger [] Other

(4) PROPOSED USE: [] Domestic [] Community [] Industrial [X] Irrigation [] Thermal [] Injection [] Livestock [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 161 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: Diameter, From, To, Material, From, To, Sacks or pounds. Rows for 20" and 16" diameters with cement and bentonite materials.

How was seal placed: Method [] A [] B [X] C [] D [] E Backfill placed from 125 ft. to 161 ft. Material 5x8 Gravel placed from 125 ft. to 161 ft. Size of gravel 5x8

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing and Liner.

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele./pipe size, Casing, Liner. Rows for screens at 127.4, 155, and 161 ft.

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump [] Bailor [] Air [] Flowing Artesian. Yield 600 gal/min, Drawdown 44.4", Drill stem at 49.3", Time 3 hrs. Temperature of water 53, Depth Artesian Flow Found.

(9) LOCATION OF WELL by legal description: County Marion Latitude Longitude Township 4S N or S Range 1W E or W. WM. Section 19 SE 1/4 NW 1/4 Tax Lot 1100 Lot Block Subdivision Street Address of Well (or nearest address) 20295 Butteville Rd. NE Hubbard, OR 97032

(10) STATIC WATER LEVEL: 65 ft. below land surface. Date 10/14/03 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found

Table with columns: From, To, Estimated Flow Rate, SWL. Rows for 79-83 and 129-156 ft depths.

(12) WELL LOG: APR 18 2012 Ground Elevation

WELL LOG table with columns: Material, From, To, SWL. Lists soil types like Topsoil, Clay brown, Sand fine, silty, etc.

Date started 7/23/03 Completed 10/14/03 (unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. WWC Number 1704 Date 10/15/03

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

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

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WELL # 2

4511W-19

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MARI.....

(1) OWNER:

Name Wayne Cook
Address Rte 1 Box 469
Hubbard, Oregon 97032

(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
12" Diam. from 0 ft. to 173 ft. Gage $\frac{1}{4}$ "
20" Diam. from 0 ft. to 20 ft. Gage $\frac{1}{4}$ "
" Diam. from " ft. to (cemented) Gage "

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used Pre-perforated pipe
Size of perforations $\frac{1}{4}$ in. by 2 in.
1920 perforations from 133 ft. to 173 ft.
perforations from 129 ft. to 169 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 40 ft.

Was a pump test made? Yes No If yes, by whom? driller
Yield: 500 gal./min. with 30 ft. drawdown after 8 hrs.
800 " 47 ft. " 4 " "
" 950 " 60 " "
Bailer test 1150 gal./min. with 70 ft. drawdown after hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well bore below seal 24 in.
Number of sacks of cement used in well seal 20 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
Was a drive shoe used? Yes No Pile _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depp of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: $\frac{1}{4}$ "
Gravel placed from 20 ft. to 173 ft.

WATER RESOURCES DEPT.

(10) LOCATION OF WELL:

County Marian Driller's well number _____
 $\frac{1}{4}$ Section 19 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 57 ft.
Static level 40 ft. below land surface. Date 11/9/77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled 173 ft. Depth of completed well 173 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
Surface	0	3	
Brown clay	3	42	
Blue clay	42	57	
Sand	57	72	
Sand & small gravel	72	82	
Brown clay	82	103	
Blue clay	103	111	
Black sand	111	115	
Gray clay	115	132	
Sand & gravel	132	162	
Blue sandy clay	162	173	

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WATER RESOURCES DEPT.
SALEM, OREGON

Work started Oct 25 1977 Completed Nov 9 1977

Date well drilling machine moved off of well Nov 10 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 T. Miller Date Nov. 10, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 26

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 John T. Miller (Type or print)
(Person, firm or corporation)

Address 1780 Tomlin Ave. Woodburn, Ore

[Signed] John T. Miller (Water Well Contractor)

Contractor's License No. 277 Date Nov. 10, 1977