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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: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Row 1: 20", 0, 125, cement, 8.5, 0, 125, 106 sacks cement. Row 2: 16", 125, 161, bentonite, , , 11 sacks bent.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E [ ] Other Backfill placed from 125 ft. to 161 ft. Material 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. Casing: 16", 127, 127, 375, [X], [ ], [X], [ ]. Liner: [ ], [ ], [ ], [ ], [ ], [ ], [ ], [ ].

Final location of shoe(s) 127

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Row 1: 127.4, 155, .075, , 12", p.s., [ ], [ ]. Row 2: 155, 161, , , 12", pipe, [X], [ ].

(8) WELL TESTS: Minimum testing time is 1 hour [X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian Yield gal/min Drawdown Drill stem at Time

Temperature of water 53 Depth Artesian Flow Found Was a water analysis done? [ ] Yes By whom [ ] Too little Did any strata contain water not suitable for intended use? [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata:

(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: Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 79, 83, 1.0 gpm, 35. Row 2: 129, 156, 600 gpm, 85.

(12) WELL LOG: Table with columns: Material, From, To, SWL. Rows include: Topsoil (0-1), Clay brown (1-26), Clay silty brown (26-32), Clay tan silty (32-36), Sand fine, silty (36-46), Clay dark gray, sandy (46-59), Sand & clay brown (59-79), Sand brown coarse gravel (79-83), Clay brown sandy (83-89), Clay brown & sand (89-101), Clay dark gray silty (101-109), Fine sand & clay gray (109-112), Clay dark gray silty (112-114), Clay blue-gray sticky (114-122), Clay & claystone blue (122-129), Cemented gravel (129-141), Gravel & sand (141-146), Sand & gravel (146-156), Clay sandy green (156-161).

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. Materials used and information reported above are true to the best of my knowledge and belief. Signed [Signature] WWC Number 1704 Date 10/15/03 (bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. Signed [Signature] WWC Number 783 Date 10/15/03

APR 20 2012

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WELL #

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.  
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MAY 25 1966  
STATE OF OREGON  
WATER WELL REPORT  
Please type or print

State Well No. 4/1w-19  
State Permit No.

(1) OWNER:

Name Erwin Nyquist  
Address Rte 1 Box 377  
Hubbard, Oregon

(2) LOCATION OF WELL:

County Marion Driller's well number  
1/4 Section 19 T. 4S R. 1W W.M.  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

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

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal  Irrigation  Test Well  Other   
(5) TYPE OF WELL:  
Rotary  Driven  Cable  Jetted  Dug  Bored

(6) CASING INSTALLED:

Threaded  Welded   
8" Diam. from 0 ft. to 130 ft. Gage 1/4"  
" Diam. from ft. to ft. Gage  
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated?  Yes  No  
Type of perforator used  
Size of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

(8) SCREENS:

Well screen installed?  Yes  No  
Manufacturer's Name  
Model No.  
Diam. Slot size Set from ft. to ft.  
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Puddled Mud  
Depth of seal 20 ft. Was a packer used? no  
Diameter of well bore to bottom of seal 12 in.  
Were any loose strata cemented off?  Yes  No Depth  
Was a drive shoe used?  Yes  No  
Was well gravel packed?  Yes  No Size of gravel;  
Gravel placed from ft. to ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? depth of strata  
Method of sealing strata off

(10) WATER LEVELS:

Static level 40 ft. below land surface Date 5/20/66  
Artesian pressure lbs. per square inch Date

(11) 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: 160 gal./min. with 15 ft. drawdown after 6 hrs.  
" " " " " "  
" " " " " "  
" " " " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m. Date  
Temperature of water Was a chemical analysis made?  Yes  No

(12) WELL LOG:

Diameter of well below casing 8  
Depth drilled 140 ft. Depth of completed well 140 ft.  
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Soil	0	3
Brown sandy clay	3	47
Blue clay	47	61
Hard brown sand	61	87
Brown clay	87	99
Grey sandy clay	99	116
Blue clay	116	132
Broken sand and gravel	132	140

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WATER RESOURCES DEPT  
SALEM, OREGON

Work started May 17 1966 Completed May 20 1966  
Date well drilling machine moved off of well May 21 1966

(13) PUMP:

Manufacturer's Name  
Type: H.P.

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 Truman Miller  
(Person, firm or corporation) (Type or print)

Address P.O. Box 42 Hubbard, Oregon

Drilling Machine Operator's License No. 26

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

Contractor's License No. 277 Date May 23 1966

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.

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**WATER WELL REPORT**  
**STATE OF OREGON**  
(Please type or print)  
(Do not write above this line)

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WELL # 2  
45/W-19

NOV 15 1977

WATER RESOURCES DEPT.  
**(10) LOCATION OF WELL:**  
SALEM, OREGON

County Marian Driller's well number \_\_\_\_\_  
1/4 Section 19 T. 48 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, 19.77  
(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)  
Address 1780 Tomlin Ave. Woodburn, Ore  
[Signed] John T. Miller (Water Well Contractor)  
Contractor's License No. 277 Date Nov. 10, 1977

**(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

**(6) CASING INSTALLED:**

Threaded  Welded   
12 " Diam. from 0 ft. to 173 ft. Gage 1/4"  
20 " Diam. from 0 ft. to 20 ft. Gage 1/4"  
" Diam. from \_\_\_\_\_ ft. to (cemented) Gage \_\_\_\_\_

**(7) PERFORATIONS:**

Perforated?  Yes  No.  
Type of perforator used Pre-perforated pipe  
Size of perforations 1/4 in. by 2 in.  
1920 perforations from 133 ft. to 173 ft.  
1920 perforations from 129 ft. to 169 ft.  
perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_ Model No. \_\_\_\_\_  
Type \_\_\_\_\_  
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  
Well: 500 gal./min. with 30 ft. drawdown after 8 hrs.  
800 " 49 " " 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 Pigs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ dept of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: 3/4  
Gravel placed from 20 ft. to 173 ft.

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JUN 05 2000

(START CARD) # 101539

WELL # 3

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this SALEM, OREGON

(1) OWNER: Well Number Name Pete Feller Address 21256 Butteville Rd. NE City Aurora State OR Zip 97002

(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 [X] Yes [ ] No Depth of Completed Well 153 ft. Explosives used [ ] Yes [X] No Type Amount

Table with columns: HOLE, SEAL, Diameter, From, To, Material, From, To, Sacks or pounds. Includes entries for cement and gravel.

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entry for 10 inch casing.

Final location of shoe(s) None

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes entries for 128-142, 142-153, and lift bail.

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Includes entries for 600 yield at 74 and 81 drawdown.

Temperature of water 53 Depth Artesian Flow Found Was a water analysis done? [ ] Yes By whom Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Marion Latitude Longitude Township 4S N or S Range 1W E or W. WM. Section 19 SW 1/4 NE 1/4 Tax Lot 800 Lot Block Subdivision Street Address of Well (or nearest address) Butteville Rd. NE Hubbard, OR

(10) STATIC WATER LEVEL: 43 ft. below land surface. Date 5/3/00 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 61:

Table with columns: From, To, Estimated Flow Rate, SWL. Includes entries for 61-80 (50 gpm) and 129-142 (600 gpm).

(12) WELL LOG: Ground Elevation special standards

Table with columns: Material, From, To, SWL. Includes entry for 'See attached well log'.

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WATER RESOURCES DEPT SALEM, OREGON

Date started 10/27/99 Completed 5/3/00

(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. Materials used and information reported above are true to the best of my knowledge and belief.

Signed [Signature] WWC Number 1704 Date 5/30/00

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed [Signature] WWC Number 783 Date 5/30/00

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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JUN 05 2000

WATER RESOURCES DEPT.  
SALEM, OREGONPete Feller  
21256 Butteville Rd. NE  
Aurora, OR 97002

Well I.D.# L30609

Start Card # 101539

Marion County Township: 4S Range: 1W Sec: 19 SW 1/4, NE 1/4

## WELL LOG

Material	From	To	SWL
Topsoil	0	2	
Clay brown	2	28	
Clay gray	28	51	
Clay dark gray,sticky	51	58	
Clay dk gray,crumbly,traces of sand	58	61	
Sand black,trace clay	61	72	17'
Sand brown,coarse	72	80	17'
Clay tan	80	92	
Clay blue-gray,soft	92	99	
Clay brown	99	107	
Clay blue sticky	107	124	
Clay gray sandy	124	129	
Sand & gravel	129	142	43'
Clay green sandy	142	153	
Clay gray sticky	153	166	
Clay green sticky	166	173	
Clay green sandy	173	183	
Clay dark gray,sticky	183	189	
Clay green sandy	189	199	
Clay black sticky	199	204	
Clay gray/green,sticky	204	217	
Clay blue sticky	217	232	
Clay green sticky	232	241	
Clay gray soft	241	247	
Clay gray sticky	247	268	
Clay green sticky	268	271	
Clay green sandy	271	276	
Clay dark gray,sticky	276	279	
Clay blue sticky	279	292	
Clay gray silty	292	309	
Clay gray & blue, silty	309	324	
Clay & claystone	324	326	
Clay brown, silty	326	341	
Clay blue,sticky	341	350	

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WATER RESOURCES DEPT.  
SALEM, OREGON**RECEIVED**

JUL 26 2000

WATER RESOURCES DEPT.  
SALEM, OREGON

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JUN 05 2000

Pete Feller  
21256 Butteville Rd. NE  
Aurora, OR 97002

Well I.D.# L30609 WATER RESOURCES DEPT.  
SALEM, OREGON

Start Card # 101539

Marion County Township: 4S Range: 1W Sec: 19 SW 1/4, NE 1/4

**(5) BORE HOLE CONSTRUCTION**

Special Construction approval Depth of completed well 153'

HOLE			Material	SEAL		Sacks or pounds
Diameter	From	To		From	To	
16"	0	3'	cement	0	3'	5 sacks
16"	3'	12'	bentonite	3'	12'	12 sacks
16"	12'	122'	cement	12'	122'	95 sacks
16"	122'	153'				
16"	153'	163'	cement	153'	163'	23 sacks
16"	163'	350				

How was seal placed: Method C

Backfill placed from 153ft. to 350 ft.

Material: intermittent layers of gravel & cement

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APR 20 2002

WATER RESOURCES DEPT.  
SALEM, OREGON

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JUL 26 2000

WATER RESOURCES DEPT.  
SALEM, OREGON

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