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JUL 11 2003

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 form.

WELL ID # L **55484**

START CARD # **141243**

(1) OWNER:

Name **City of Arlington**
Address **P.O. Box 68**
City **Arlington** State **OR** Zip **97812**

(2) TYPE OF WORK:

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well **470** ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
16"	0'	228'	Bentonite	0'	6'	12 sacks
12"	228'	470'	cement	6'	228'	325 sacks

How was seal placed: Method A B C D E
 Other

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

(6) CASING/LINER:

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12"	+2'	224'	3/8"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	10"	195'	470'	3/8"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method **Machine cut**
 Screens Type **v-slot** Material **304SS**

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
195'	265'			10"	PS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
265'	280'	.250		10"	PS	<input type="checkbox"/>	<input type="checkbox"/>
375'	385'	.250		10"	PS	<input type="checkbox"/>	<input type="checkbox"/>
450'	455'	.250		10"	PS	<input type="checkbox"/>	<input type="checkbox"/>
280'	470'	3x3/1	6680	10"	PS	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
200	N/A	468'	1 hr.

Temperature of Water **64deg.** 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 **Gilliam** Latitude _____ Longitude _____
Township **3N** N or S. Range **21E** E or W. of WM. _____
Section **28** **NW** 1/4 **NW** 1/4
Tax lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) **By the green reservoir at end of 3rd St.**

(10) STATIC WATER LEVEL:

204 ft. below land surface. Date **4/10/2003**
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
191'	213'	50 gpm	173'
251'	284'	100 gpm	204'
376'	406'	100 gpm	204'
449'	466'	50 gpm	204'

(12) WELL LOG:

Material	From	To	SWL
Claystone	15'	20'	
Claystone, clay and large cobbles, greenish brown	20'	26'	
Basalt, gray and weathered w/ green claystone	26'	31'	
Basalt, gray and weathered w/ green clay	31'	36'	
Boulders & clay	0'	15'	
Basalt, red and brown, med. hard	36'	38'	
Basalt, gray some red, med. hard	38'	40'	
Basalt, gray, hard	40'	73'	
Basalt, gray, hard w/ white crystal fractures	73'	76'	
Basalt, dark gray, hard w/ white and crystal	76'	90'	
Basalt, dark gray, hard	90'	102'	
Basalt, black, med. hard, some fractures	102'	110'	
Basalt, dark gray, soft w/ some gray clay	110'	114'	
Basalt, black and dark gray, vesicular, med. hard	114'	130'	

Continued on next page

Date started **11/25/2002** Completed **5/9/2003**

(unbonded) Water Well Constructor Certification:

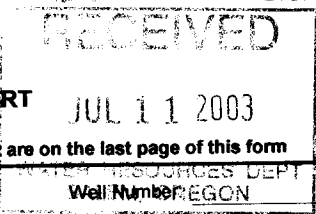
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed _____ WWC Number _____
Date _____

(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 *Michael Waldrop* WWC Number **633**
Date **6/13/2003**



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HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method A B C D E
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Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

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Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
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Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
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						<input type="checkbox"/>	<input type="checkbox"/>
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(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
Basalt, black, med. hard, some fractures	130'	153'	
Basalt, dark gray, hard	153'	173'	
Basalt, gray and dark gray, med. hard, fractured, some vesicular	173'	177'	
Basalt, gray, hard	177'	185'	
Basalt, gray, hard, some fractures	185'	191'	
Basalt, gray and black, soft, broken, vesicular	191'	213;	173'
Basalt, black, gray and brown, med. hard, some vesicular	213;	218'	
Basalt, dark gray, hard	218'	251'	
Basalt, black, redish brown and gray, soft and vesicular w/ white, clear and green crystal and pyrite	251'	258'	
Basalt, red, black and gray, broken, vesicular and pyrite	258'	284'	204'
Basalt, brown and hard	284'	285'	
Basalt, gray, hard	285'	376'	

Continued on next page

Date started **11/25/2002** Completed **5/9/2003**

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