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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

JEFF 50654 JUL 27 2000

WELL I.D. # L 38435
START CARD # 129512

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

WATER RESOURCES DEPT.

(1) OWNER: Well Number 3 SALEM, OREGON
Name Deschutes Valley Water District
Address 881 SW Collier Hwy
City Madras State OR Zip 97741

LOCATION OF WELL by legal description:
County Jefferson Latitude Longitude
Township 12 N or S Range 12 E or W. WM.
Section 33 SW 1/4 NE 1/4
Tax Lot 280 Lot Block Subdivision
Street Address of Well (or nearest address) 7675 SW Hasallehn

(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 665 ft.
Explosives used Yes No - Type Amount

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
20"	0	17	Cement	0	60	34 sacks
18"	17	270	Cement	250	270	200 sacks
15"	270	665				

How was seal placed: Method A B C D E
 Other Bottom Seal Pumped inside out
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 16"	0	270	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem at Time
3-4000 1 hr.

Temperature of water 48 Depth Artesian Flow Found 297
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:

(10) STATIC WATER LEVEL:
ft. below land surface. Date
Artesian pressure 48 lb. per square inch. Date 7-2-01

(11) WATER BEARING ZONES:
Depth at which water was first found 17'

From	To	Estimated Flow Rate	SWL
17'	260	500-1000 GPM	12'
297	665	3-4,000 GPM	

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Circles, Gravels	0	1	
lg Basalt boulders & gravels	1	66	
Basalt gravels & brown sandstone	66	90	
Course Basalt Gravel	90	100	
Course Basalt Gravel, F/Bales	100	110	
Basalt Gravel, sandstone, conc.	110	240	
Weathered Basalt	240	247	
W/Basalt - Hard - Sm Brcks	247	250	
W/Basalt - soft & gravels	250	256	
W/Basalt - mac gravels	256	260	
Tuff w Basalt	260	270	
Fine Sand, Silts, Tuff w Basalt & Fragments	270	272	
Hard Basalt	272	276	
Basalt w/brown clay	276	280	

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See Attached - SEP 24 2001
WATER RESOURCES DEPT.
SALEM, OREGON

Date started 5-31-2000 Completed 7-2-2000

(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 Gordon E. B... WWC Number 1751 Date 7-11-2000

(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 WWC Number 1464 Date 7/26/00

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Well Log (Cont.) WATER RESOURCES DEPT.
SALEM, OREGON

Basalt with Brown Silty Clay	276	277
Basalt some tan clays, gray to dark red	277	278
Basalt some silts, black and red	278	282
Basalt darken, less clay and silts	282	283
Basalt, dark gray, some weathered	283	284
Hard Dense Basalt	284	293
Hard Dense Basalt, some fractured	293	295
Hard Dense Basalt with tan clays	295	297
Fractured, broke basalt	297	300
Weathered red coarse sandstone & basalt gravel	300	304
Coarse Basalt and Gravel	304	308
Coarse Brown Sandy Silts, w/light brown ash	308	317
V. Coarse Basalt and Gravel	317	321
Weathered Basalt, w/some gravel	321	324
Hard Dense Basalt, weathered	324	335
Tan Sandy Silt and Clay	335	338
Less Weathered Hard Basalt	338	345
Coarse Sand and Gravel	345	353
Dark Gray Coarse Soft Sand and Silts	353	363
Some Hard Basalt	363	365
Sand and Gravel, Soft	365	370
Sand and Gravel	370	388
Hard Weathered Basalt, Small Fractured	388	410
Hard Dense Basalt	410	431
Weathered Broken Basalt, Some Tan Class Filling	431	437
Broken Basalt With Red Cinders	437	440
Broken Weathered Basalt, Hard	440	445
Hard Dense Basalt	445	448
Broken Weathered Basalt	448	450
Some Tan Clay	450	453
Hard Dense Basalt	453	500
Hard Fractured Basalt w/Tan Clay	500	505
Weathered Red Basalt With Tan Clay	505	510

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Hard Weathered Basalt With Tan Clays	510	521
Slightly Softer Basalt	521	530
Some Tan Clay	530	542
Cinders, Weathered Basalt, Tan Clay	542	545
Very Cindery, Weathered	545	547
Hard, Fractured Basalt With Tan Clay	547	572
More Fractured Broken Weathered Basalt	572	587
More Fractured Basalt, Tan Clay	587	591
Decreasing Fractured Basalt	591	600
Medium to Hard Basalt	600	601
U. Hard Basalt	601	607
Fractured, Weathered Basalt, With Tan Clay	607	611
Red Cinders, Weathered Basalt With Lots of Clay	611	620
Red Cinder, Weathered Basalt & Tan Clay	620	625
Decreasing Cinders	625	627
Decreasing Clay	627	630
Weathered Basalt	630	638
Large Fractured Tan Clay	638	640
Weathered Basalt and Tan Clay	640	650
Fractured Basalt, Tan Clay	650	652
Some Fractured Basalt, Clay	652	655
Harder Basalt, Some Fractured	655	660
Dense Hard Basalt	660	665

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