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

WATER RESOURCES DEPT. # 94009  
SALEM, OREGON

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

(1) OWNER: Well Number \_\_\_\_\_  
Name Klippel Water Inc.  
Address 19185 Buck Dr.  
City Bend State Ore Zip 97701

(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 830 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
14"	0 50'	Bentonite	0 50'	27sks	
10"	50 908'				

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

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 10"	+2'	-50'	.150	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 8"	-2'	830'	.188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:  
 Perforations Method factory  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
709'	729'	1/8x3	300	8"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
749'	769'	1/8x3	300	8"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
789'	809'	1/8x3	300	8"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
Yield gal/min 60 GPM Drawdown unknown Drill stem at 830' Time 1 hr.

Temperature of water 52 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 Deschutes Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 17S N or S Range 11E E or W. WM.  
Section 14 SE 1/4 NE 1/4  
Tax Lot 99 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 19185 Buck Dr.

(10) STATIC WATER LEVEL:  
702' ft. below land surface. Date 12-17-96  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 757'

From	To	Estimated Flow Rate	SWL
757'	890'	60GPM	702'

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
sandy top soil	0	4'	
brwn clay congl	4'	32'	
brwn clay ss & pumice	32'	60'	
hard clay lava	60'	86'	
brwn rock congl	86'	165'	
brwn ss congl	165'	189'	
gray lava-crevis n.r.	189'	240'	
2 yds cement			
brkn gray lava-loose blds	240'	269'	
fract gray lava	269'	274'	
loose brkn rock & red cinders	274'	293'	
2 yds cement			
hard gray lava	293'	308'	
1 yd cement			
sand & gravel & blds	308'	336'	
gray lava	336'	344'	
loose brkn rock congl	344'	365'	
3 yds cement			
mild lava	365'	370'	

Date started 10-16-96 Completed 12-18-96

(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.  
WWC Number \_\_\_\_\_  
Signed \_\_\_\_\_ 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.  
WWC Number 1658  
Signed *John Miller* Date 12-21-96

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

(START CARD) # 94009

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 WATER RESOURCES DEPT.  
 SALEM, OREGON

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 Address 19185 Buck Dr.  
 City Bend State Ore. Zip 97701

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 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 \_\_\_\_\_ ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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:

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

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

<input type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water \_\_\_\_\_ 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 \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township \_\_\_\_\_ N or S Range \_\_\_\_\_ E or W. WM.  
 Section \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) \_\_\_\_\_

(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
Red cinders	370'	403'	
hard gray lava	403'	414'	
brkn rock congl	414'	480'	
hard gray lava	480'	491'	
fract gray lava	491'	508'	
brkn rock congl	508'	540'	
brwn congl-brwn sand	540'	570'	
brkn lava void	570'	647'	
7 yds cement			
brkn rock brwn	647'	670'	
red cinders	670'	688'	
brwn rock red cinders	688'	710'	702'
brkn gray lava	710'	736'	
red cinders	736'	757'	
brwn coarse congl	757'	780'	
brkn rock congl	780'	810'	
brkn rock brwn	810'	890'	
hard gray basalt	890'	908'	

Date started 10-16-96 Completed 12-18-96

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 Signed \_\_\_\_\_ Date \_\_\_\_\_

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 WWC Number 1658  
 Signed *John Skil* Date 12-21-96