

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

MULT
4372

SEP 30 1994

WATER RESOURCES EPI.
 SALEM, OREGON

(START CARD) # 56053

1N/3E/3600

(1) OWNER: Well Number 8
 Name City of Troutdale
 Address 104 SE Kibling St.
 City Troutdale State OR Zip 97060

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 548 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
24	0	362	Bentonite	0	50	161 sks
20	362	432	also backfilled:			
16	432	550	Bentonite	50	94+	83 sks
			slough/squeeze	94±	362	as req'd

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

Backfill placed from 548 ft. to 550 ft. Material sand/slough
 Gravel placed from 378 ft. to 548 ft. Size of gravel CSSI 8x12

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 20	+3	426	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
remnant w/shoe:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: 16	537	550	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12 & bell	376	384		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	384	548	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 426 & 550
 except at screens

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type V Shape Material 304 SS
wire wrap

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

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
See attached graphs	of pumping		1 hr.
& recovery.			

Temperature of Water ~60°F 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: _____ SEI 9436

(9) LOCATION OF WELL by legal description:
 County Multnomah Latitude _____ Longitude _____
 Township 1N N or S. Range 3E E or W. WM. _____
 Section 36 SE 1/4 SE 1/4 _____
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) Sandee Palisades Park

(10) STATIC WATER LEVEL:
185 ft. below land surface. Date 8/23/94
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 1st significant @ 371'

From	To	Estimated Flow Rate	SWL
371	375	30±?	185±
381	385	30±?	185±
417	426	70±?	185±
445	534	see (8)	see (10)

(12) WELL LOG: Ground elevation approx. 195'

Material	From	To	SWL
SEE ATTACHED LOG			
Screen & Liner Assembly:			
12" Liner .375 wall	376	377	
12" Liner .250 wall	377	385	
10" Liner	385	410	
10" PS Screen .040 slot	410	415	
10" Liner	415	435	
10" PS Screen .040 slot	435	450	
10" Liner	450	454	
10" PS Screen .040 slot	454	474	
10" Liner	474	485	
10" PS Screen .040 slot	485	495	
10" Liner	495	505	
10" PS Screen .040 slot	505	515	
10" Liner	515	528	
10" PS Screen .040 slot	528	533	
10" Liner w/plate bottom & bail	533	548	

Date started 5/31/94 Completed 9/2/94

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Donald G. Davis WWC Number 1085
 Date 9/26/94

(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 well construction standards. This report is true to the best of my knowledge and belief.

Signed Stephen Schneider WWC Number 649
 Date 9/26/94

RECEIVED

SEP 30 1994

WALDEN
SALEM, OREGON

CITY OF TROUTDALE WELL #8
Start Card No. 56053
by Schneider Drilling Co.

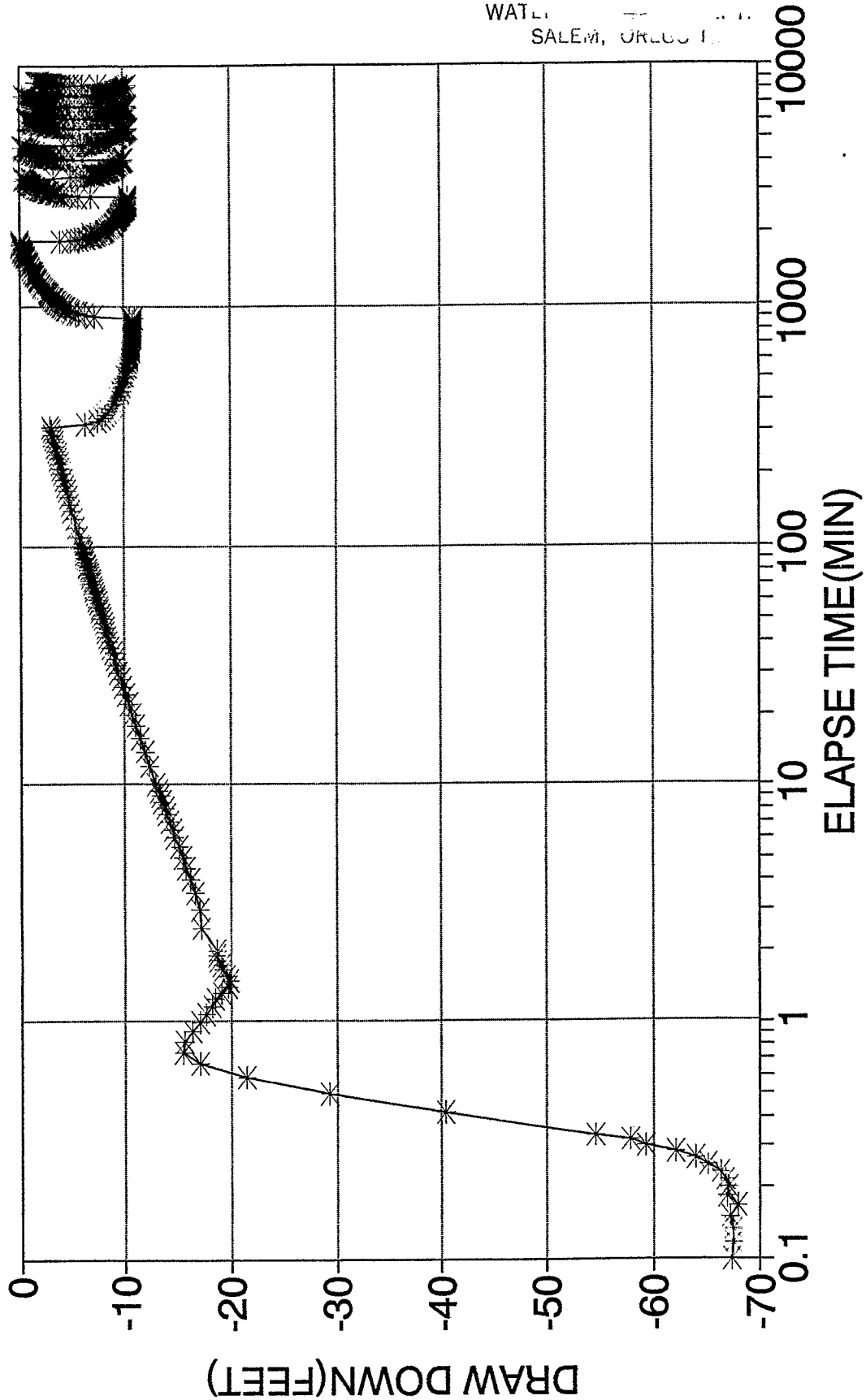
<u>Depth</u>		<u>Description</u>
<u>From</u>	<u>To</u>	
0	4	Top soil & clay, brown
4	10	Gravel 1"- and clay, brown
10	16	Gravel 6"-, w/occasional cobble
16	27	Gravel 6"-, cobbles & boulders
27	31	Gravel, w/clay, brown
31	39	Gravel, w/clay, gray & brown
39	66	Clay, rusty-red, fine, sandy, gritty
66	85	Sand, rusty-red, fine, blk, coarse, w/clay, brown, cemented
85	98	Sand, rusty-red & brown, coarse, cemented
98	106	Sand, brown & blk, cemented, w/some small gravel
106	122	Clay, brown, sandy, w/some small gravel
122	141	Gravel & sand, coarse, w/clay, brown, sandy
141	143	Clay, brown, sandy, w/some gravel
143	169	Clay, brown & gray, sandy, w/some small gravel
169	189	Gravel, 1½"-, w/some clay, brown
189	206	Gravel, 1½"-, w/some cobbles, & some clay, brown
206	225	Clay, brown & gray, w/sand & pea gravel conglomerate
225	230	Clay, gray & tan, sticky w/small gravel
230	238	Clay, gray & drk brown, sandy w/wood
238	258	Clay, blue, sticky, w/small gravel conglomerate
258	265	Clay, blue, med-firm
265	275	Clay, blue, sticky, firm
275	286	Clay, gray, med
286	295	Clay, gray, fine, sandy
295	306	Clay, blue-green & gray, sticky, w/sand conglomerate
306	311	Sand, cemented, & small gravel, w/some clay
311	321	Clay, blue-green, sticky, w/sand conglomerate
321	324	Clay, blue-green, sticky, w/sand
324	327	Clay, blue-gray & brown, sticky
327	330	Clay, drk blue & brown, coarse, sandy & pea gravel
330	338	Clay, drk blue, sandy, w/claystone & cemented sand & pea gravel
338	341	Clay, gray, fine, sandy, soft
341	342	Clay, brown, blue & gray, sticky
342	349	Clay, blue, sticky
349	358	Clay, gray, fine, sandy
358	362	Clay, gray & blue-green, hard-med, sandy
362	371	Gravel 3"-, cemented w/sand, clay & claystone, gray-green
371	375	Gravel 3"-, & sand, coarse, blk

375	379	Sand, gray & white, compacted w/some clay, gray
379	381	Clay, green, sandy, firm
381	385	Gravel 3"-, & sand, coarse, cemented
385	392	Clay, gravel, claystone, & cemented sand, blue-green
392	394	Clay, blue-green, med-sandy
394	400	Clay, gray, fine & sandy
400	405	Clay, blue-gray, med, sandy, soft
405	411	Clay & claystone, gray, fine, & sand, gray, cemented, fine
411	417	Clay, blue-green, med, sandy
417	426	Gravel 1½"-, & sand, med-coarse
426	431	Clay, blue-gray, sticky
431	432	Clay, gray
432	439	Clay, gray, fine, sandy
439	445	Sand, gray, fine-med, w/some claystone & wood
445	457	Sand, med-coarse, w/wood, gray
457	460	Sand, med, gray, w/wood
460	464	Gravel 3"-, & sand, gray, med-coarse
464	467	Gravel 1½"-, & sand, black, med, cemented
467	479	Gravel 2"-, & sand, blk, coarse, cemented
479	483	Gravel 2"-, & sand, blk, med, some cemented
483	499	Gravel 3"-, & sand, med-coarse
499	515	Gravel 1½"-, & sand, med-coarse
515	516	Gravel 1½"-, cemented, & sand, gray, med-coarse
516	518	Gravel 1½"-, & sand, gray, med-coarse
518	522	Gravel 6"-, & sand, gray, med
522	532	Gravel 3"-, & sand, gray, med-coarse
532	534	Gravel 6"-, & sand, med-coarse, gray & rusty
534	537	Clay, blue-gray, fine, sandy
537	545	Clay, blue-gray, sticky
545	549	Clay, gray, green & blue, streaked, very sticky
549	550	Clay, multi-colored, sticky

CITY OF TROUTDALE

WELL NO. 8

8/24-30/94 - SWL 185 BGS - 1200 GPM PUMP TEST RECOVERY



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SEP 30 1994

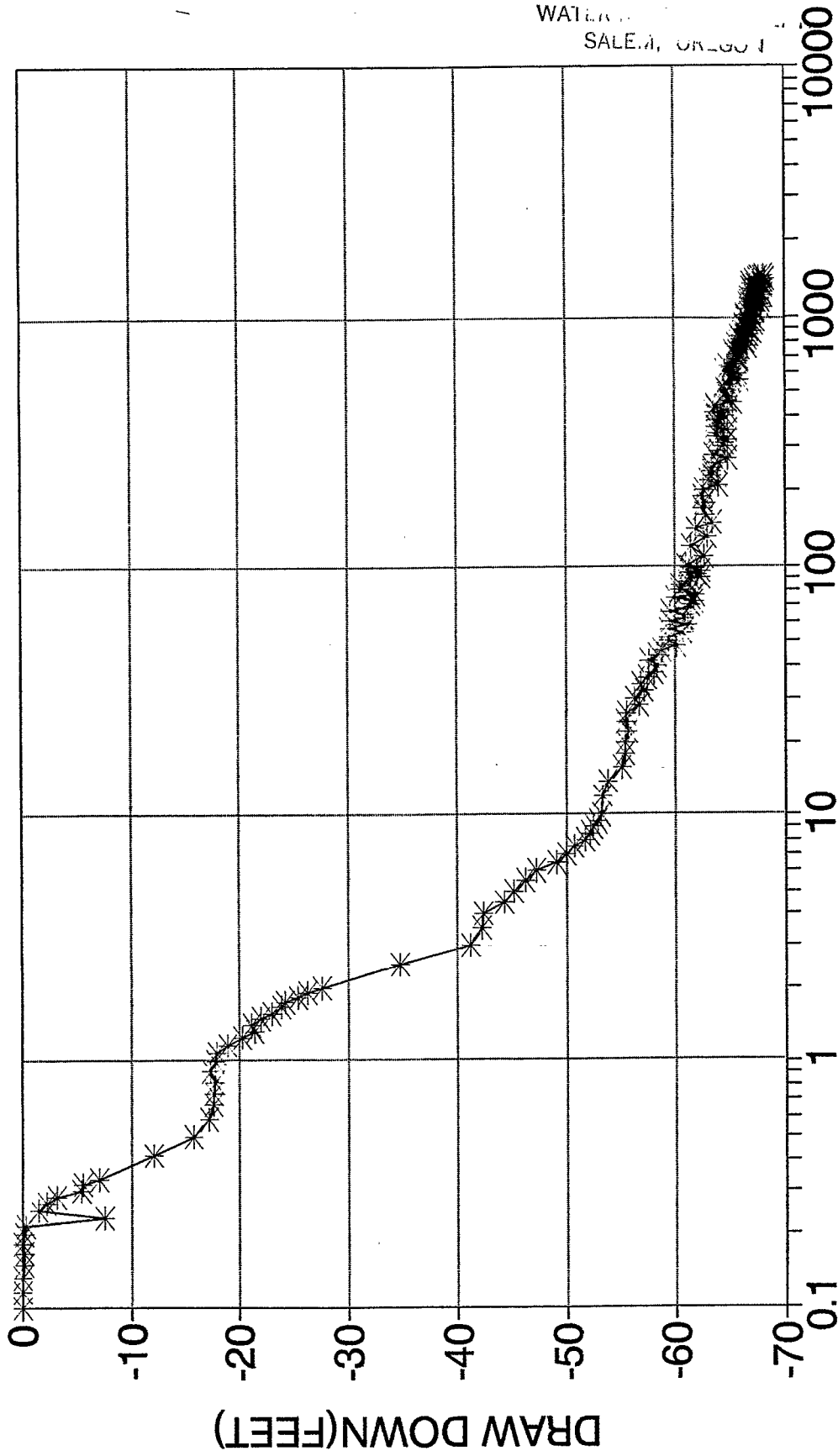
WATER LEVEL (FEET)
SALEM, OREGON

SCHNEIDER EQUIPMENT, INC.
21881 RIVER RD. N.E.
ST. PAUL, OR 97137
PH. (503) 633-2666

CITY OF TROUTDALE

WELL NO. 8

8/23-24/94 - SWL 185 - 1200 GPM PUMP TEST



SCHNEIDER EQUIPMENT, INC.
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