

#14

CLAE
4488

3S/1W/12 Cd

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

(START CARD) # 16878

(1) OWNER:
Name City of Wilsonville
Address 30000 SW Town Center Loop East
City Wilsonville State OR Zip 97070

Well Number: M.G.

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

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other Reverse Circulation

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 880 ft.
Explosives used Yes No Type Amount

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
20	0	3.5	Gran Bent	0	3.5	8sks
12	3.5	366	Cement	3.5	366	243 sks
8	507	880				

How was seal placed: Method A B C D E
 Other Bent, was poured & probed
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: 14	+2.5	366	.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) 366

(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"/>
						<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
1000 300 1 hr.
1000 303 2.5 hr
700 See attached graph of test
Temperature of water 62°F Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom Owner
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 Clack Latitude _____ Longitude _____
Township 35 N or S, Range 1W E or W, WM.
Section 12 SE 1/4 of SW 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Mentor Graphics Site Boekman Rd.

(10) STATIC WATER LEVEL:
117 ft. below land surface. Date 3/22/91
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 35

From	To	Estimated Flow Rate	SWL
366	666	*see (12)	*
366	880	see (8)	see(10)

(12) WELL LOG: Ground elevation Approx 223'

Material	From	To	SWL
See attached log			
*With hole @ 666' depth: air tested 500gpm, drill stem @ 660, 2hr air tested 300gpm, drill stem @ 460, 1/2 hr Pump tested 300gpm, 210' DD, 1hr SWL on 4/17/90-119' SWL on 7/23/90-132' SWL on 2/25/91-116'			

RECEIVED
APR 15 1991
WATER RESOURCES DEPT
SALEM, OREGON

Date started 4/3/90 Completed 4/5/91

(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 A. Davis WWC Number 1085 Date 4/8/91

(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 4/8/91

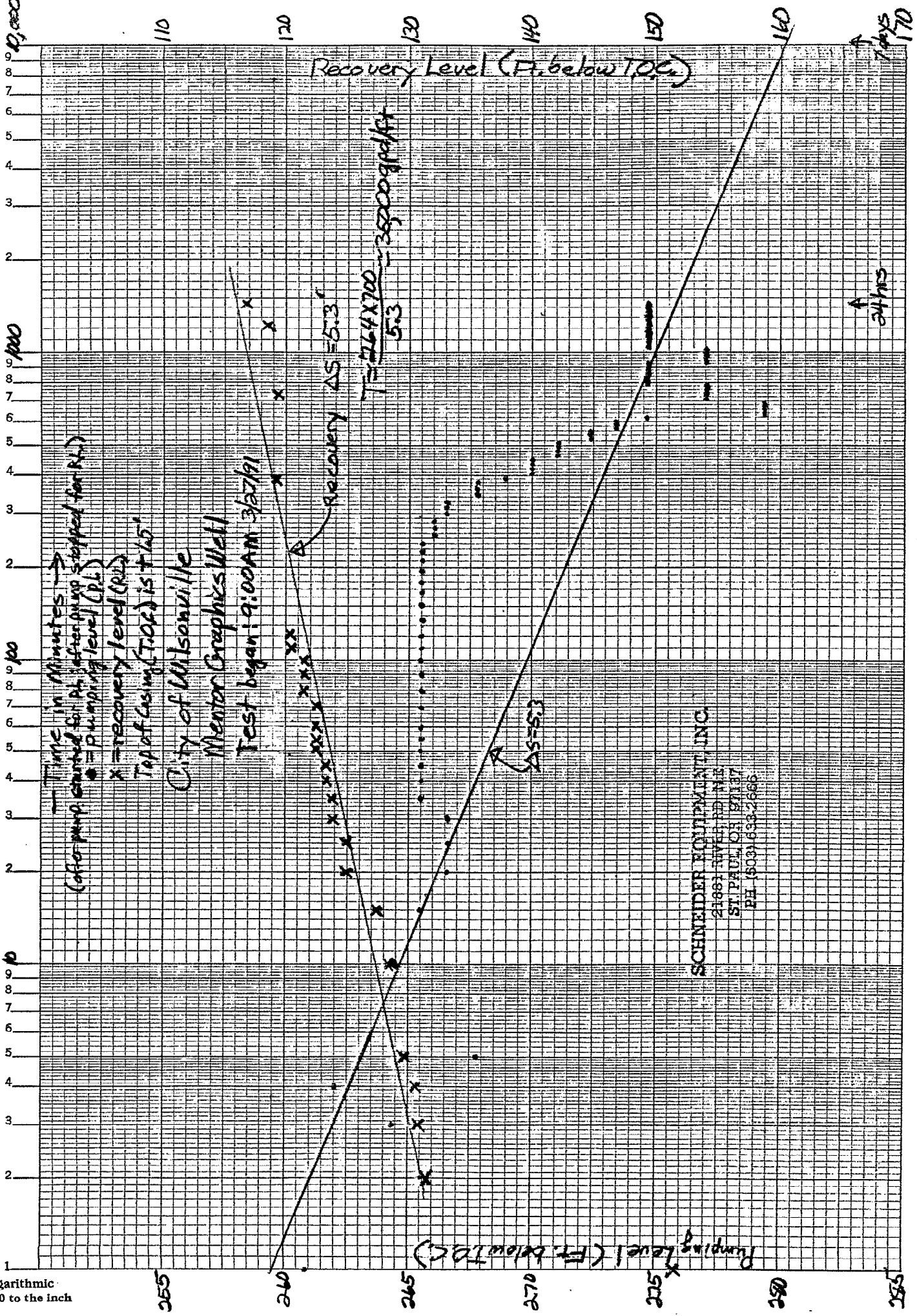
City of Wilsonville
Mentor Graphics Site Well
Start Card 16878
by Schneider Drilling Co.

From	To	
0	4	Fill
4	7	Top soil, brn
7	23	Clay, brn
23	39	Clay, brn, sandy
39	42	Sand, fine-med & some pea grvl
42	48	Clay, brown
48	56	Clay, dk grey
56	64	Clay, grey & brn
64	75	Clay, brn, sandy, some cement
75	126	Clay, brn & red
126	166	Clay, grey, soft
166	189	Gravel/rock, rusty brn, bkn w/clay, brn
189	197	Clay, grey
197	236	Clay, claystone & sandstone, multi-colored
236	246	Clay, grey-blue
246	272	Clay, claystone & sandstone, brn
272	277	Clay, grey
277	285	Clay, brn & red; CS & SS, multi-clr
285	296	Clay, red
296	319	Sandstone, red, ves, sloughs
319	333	SS, brn-red, ves w/claystone
333	344	SS, brn-red & basalt, blk, bkn
344	351	Clay & claystone, red
351	359	SS, brn-red w/basalt, blk, med
359	366	Basalt, brn, med
366	369	Basalt, grey, med
369	384	Basalt, grey, hard
384	388	Basalt, grey w/brn, frac, med
388	391	Basalt, grey w/blk, frac, med-hd
391	396	Basalt, grey, hard
396	414	Basalt, brn w/grey, bkn, ves, soft
414	417	Basalt, grey, frac, med-hd
417	447	Basalt, grey, hd
447	459	Basalt, brn, ves, soft
459	477	Basalt, blk, frac, med-hd
477	485	Basalt, blk, well frac
485	505	Basalt, grey, some frac, med-hd
505	519	Basalt, brn, ves, some grey
519	523	Basalt, blk, frac
523	566	Basalt, grey, some frac, hard
566	592	Basalt, blk, ves, bkn, cindery
592	611	Basalt, grey, some frac, hard
611	626	Basalt, blk w/red, ves, bkn, some CS, grey
626	630	Basalt, blk w/grn, bkn
630	637	Basalt, blk w/red, ves, some CS
637	643	Basalt, grey, ves
643	653	Basalt, grey, some frac, hard
653	666	Basalt, grey & blk, ves
666	672	Basalt, grey, hard, frac

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by Schneider Drilling Co.

672	683	Basalt, black, med-soft, ves
683	689	Basalt, grey, hard, frac
689	692	Basalt, black, frac, w/clay, green
692	697	Basalt, grey & brn, hard, frac
697	717	Basalt, black, frac, med-hd
717	735	Basalt, grey, v. hard
735	757	Basalt, blk, hard, occ. frac.
757	765	Basalt, blk, porous
765	780	Basalt, w/claystone, grey
780	820	Basalt, grey, hard
820	830	Basalt, red, porous
830	865	Basalt, black
865	870	Basalt, red, porous
870	880	Basalt, black, v. soft



City of Wilsonville
Mentor Graphics Well

Test began 9:00 AM 3/27/91

SCHNEIDER EQUIPMENT INC
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ST. PAUL, OR 97147
PH (503) 633-2666

Author