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STATE OF OREGON
WATER SUPPLY WELL REPORT WATER RESOURCES DEPT.
(as required by ORS 537.765) SALEM, OREGON

WELL I.D.# L 33783
START CARD # /27582

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

(1) OWNER: Well Number _____
Name Four Mile Nursery (Ryan Smith)
Address 27027 South Hwy 170
City Canby State OR Zip 97013

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 160 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
16	0	21	Bentonite	0	25	48 sks
12	21	424	Cement w/ Bent	25	84	106 sks

How was seal placed: Method A B C D E
 Other bent. was poured & probed clay slough.
Backfill placed from 166 ft. to 424 ft. Material pea gvl. bentonite
Pack placed from 84 ft. to 166 ft. Size of Pack CSSI6X9

Diameter	From	To	Gauge	Steel				Plastic		Welded		Threaded	
				Steel	Plastic	Welded	Threaded	Plastic	Welded	Threaded	Plastic	Welded	Threaded
Casing:	8	+3	160	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	except @ screen												
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:

Perforations Method _____
 Screens Type V shape wire Material 304SS

From	To	Slot size	Number	wrap Diameter	Tele/pipe size	Casing	Liner
93	140	.040	cont	8	PS	<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
See Attached graphs			1 hr.

Temperature of water 55 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 diff. SWL &
Depth of strata: all above 78' insufficient drawdown avail.

(9) LOCATION OF WELL by legal description:
County Clack Latitude _____ Longitude _____
Township 5 S N or S Range 1 W E or W. WM. _____
Section 13 SW 1/4 NE 1/4
Tax Lot 502 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 5719 S Schneider Rd Woodburn, OR

(10) STATIC WATER LEVEL:
33 ft. below land surface. Date 3/3/00
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 19±

From	To	Estimated Flow Rate	SWL
19	54	10±	25
59	66	50±	33
69	78	50±	33
92	139	See (8)	See (10)

(12) WELL LOG:
Ground Elevation 195'

Material	From	To	SWL
see attached log			

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SALEM, OREGON

Date started 1/13/00 Completed 3/7/00

(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 Maun Wright WWC Number 1577 Date 3/24/00

(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 Stephen Schneider WWC Number 649 Date 3/28/00

**Four Mile Nursery
by Schneider Drilling Co.
SC# 127582 - Label #L33783**

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	19	Clay
19	34	Sand, grey, medium
34	54	Sand, brown, medium
54	59	Clay, brown, soft
59	66	Gravel, 1.5"-, and sand
66	69	Clay, brown, soft
69	78	Gravel, 1.5"- and sand
78	82	Clay, brown, medium
82	92	Clay, grey, soft-medium
92	95	Gravel, 1.5"-, cementation, w/clay, grey & tan
95	113	Gravel, 0.75"-, and sand, green-grey
113	116	Gravel, green-grey, medium to large
116	117	Clay, green, medium
117	119	Clay, green & grey, sandy
119	121	Gravel, blue-green, w/cementation w/clay, green-grey
121	128	Gravel, 1"- and sand, green-grey, w/cementation
128	132	Wood & clay, brown & grey, medium-hard
132	138	Gravel, green-blue, med-small, w/clay, grey
138	139	Gravel, pea w/clay, blue-grey
139	142	Clay, grey, medium
142	148	Clay, green, medium
148	152	Clay, grey, medium
152	158	Clay, blue-green, medium
158	160	Clay, green, medium & some wood
160	162	Clay, brown & grey, medium-hard & gravel, pea
162	168	Clay, brown, hard-medium
168	170	Clay and sand, brown-grey, some cementation
170	173	Clay, brown and sand, medium
173	177	Clay, grey and brown, medium & hard
177	209	Clay, grey & green & brown, medium
209	214	Clay, green, hard
214	224	Clay, green-blue green
224	232	Clay, grey, medium & hard
232	246	Clay, grey, brown, blue-grey
246	250	Clay, grey & brown, sandy
250	255	Clay, grey clay

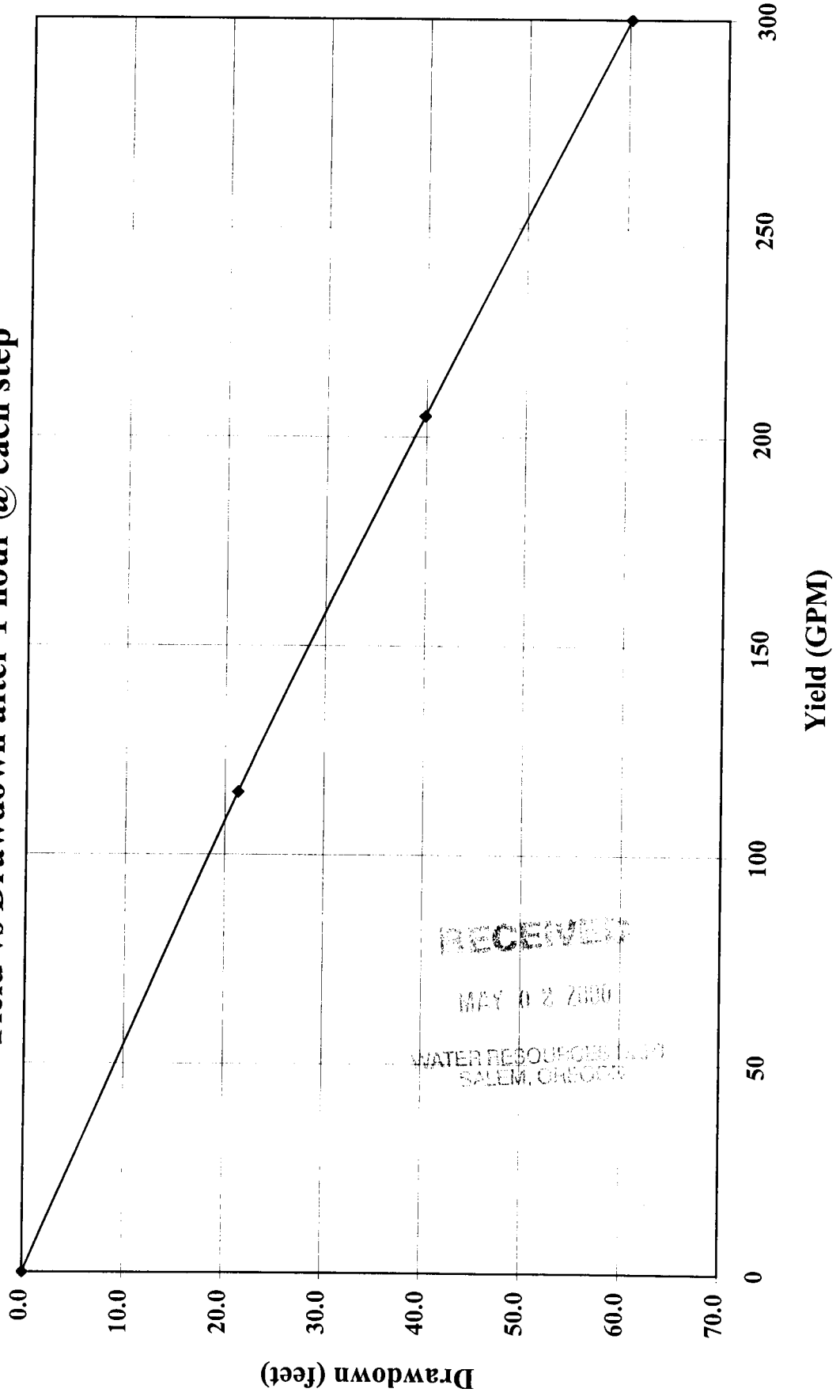
255 259 Clay, grey & multi-colored, medium & hard
259 266 Clay, brown, medium
266 288 Clay, grey & brown, medium & hard
288 302 Clay, grey-green, hard
302 304 Clay, green, hard
304 306 Clay, grey, hard
306 309 Clay, dark grey, hard, sandy-silty
309 316 Clay, grey & brown, hard
316 337 Clay, grey, brown & green, hard
337 344 Clay, green-grey-brown, medium
344 347 Clay, brown & grey, medium
347 357 Clay, grey, medium
357 365 Clay, grey, sandy-silty
365 367 Clay, grey, sandy-silty & wood
367 369 Clay, grey & multi-color, medium-hard
369 379 Clay, blue-grey, medium
379 385 Clay, light grey, gritty-sandy
385 388 Clay, grey & brown, medium, sandy-silty, with some wood
388 417 Clay, grey, brown, med-hard
417 419 Clay, grey, sticky
419 424 Clay, grey, medium

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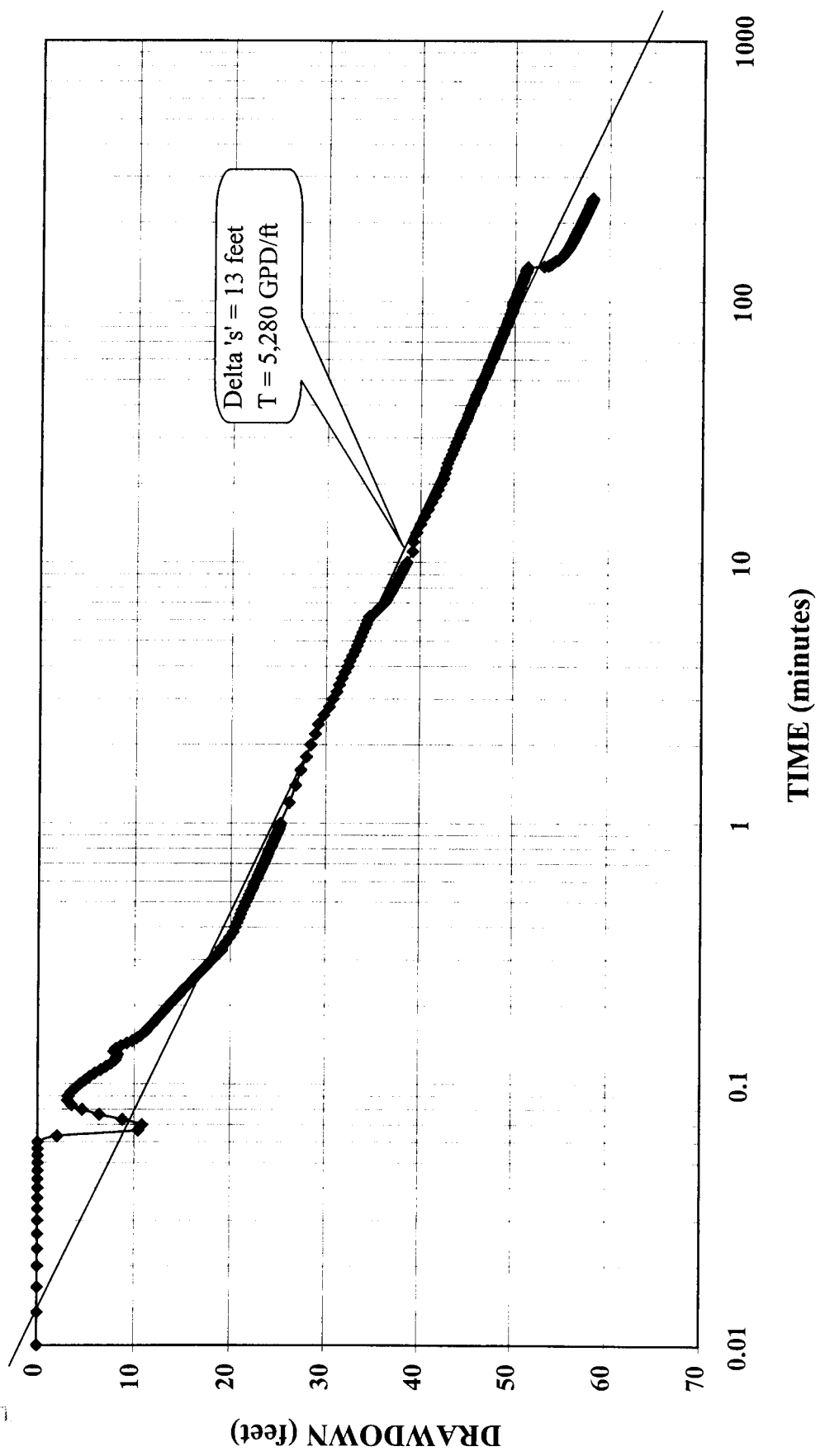
WATER RESOURCES DEPT
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**Four Mile Nursery Step Test 3/1/00
Yield vs Drawdown after 1 hour @ each step**



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Four Mile Nursery Pump Test @ 260 GPM on 3/2/00



**Four Mile Nursery Recovery
beginning 3/2/00**

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WATER RESOURCES DIVISION
HALEM, OREGON

