CLAC 50991

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WATER RESOURCES DEPT.
SALEM, OREGON

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

WELL I.D. # L01707

(START CARD) # 87121

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

(1) OWNER: Well Number _____
Name J. Frank Schmidt & Son Co.
Address PO Box 189
City Boring State OR. Zip 97009

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

(3) DRILL METHOD:
[ ] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger
[X] Other Reverse circulation rotary

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval [ ] Yes [X] No Depth of Completed Well 408 ft.
Explosives used [ ] Yes [X] No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
20	0	212	Bentonite	0	50	62sks
16	212	547	Open annulus below 50' was filled with 35 sks cement grout & 137 sks bentonite.			

How was seal placed: Method [ ] A [ ] B [XX] C [ ] D [ ] E
[X] Other Bentonite was poured & probed
Backfill placed from 416 ft. to 547 ft. Material Slough & pea gravel
Filter pack placed from 184 ft. to 331 ft. Size of gravel cssi 8x12

(6) CASING/LINER: 331 to 408 cssi 6x9

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16	+2	212	.375	[X]	[ ]	[XX]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:	10	+2.5	416	.250	[X]	[ ]	[X]	[ ]
	except at screens				[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
[ ] Perforations Method _____
[X] Screens Type V shape wire wrap Material 304ss

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
227	238	.050		10	PS	[ ]	[ ]
252	260	.050		10	PS	[ ]	[ ]
291	308	.050		10	PS	[ ]	[ ]
310	324	.050		10	PS	[ ]	[ ]
386	396	.065		10	PS	[ ]	[ ]

(8) WELL TESTS: Minimum testing time is 1 hour
[X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
250	See attached		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 _____
Depth of strata: _____

S&I 9623

(9) LOCATION OF WELL by legal description:
County Clackamas Latitude _____ Longitude _____
Township 4S N or S Range 1E E or W. WM.
Section 8 SE 1/4 SE 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 7855 S. Lone Elder Rd. Canby, OR. 97013

(10) STATIC WATER LEVEL:
89 ft. below land surface. Date 8-15-96
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found Probably 139'

From	To	Estimated Flow Rate	SWL
Screened intervals :			
227	396	See (8)	See (10)
Other sand zones			
below SWL		Unknown	N.D.

(12) WELL LOG:
Ground Elevation Approx. 170

Material	From	To	SWL
See attached			

Date started 6-28-96 Completed 8-20-96

(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 1367
Signed _____ Date 9-12-96

(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 649
Signed Stephen Schmeder Date 9-12-96

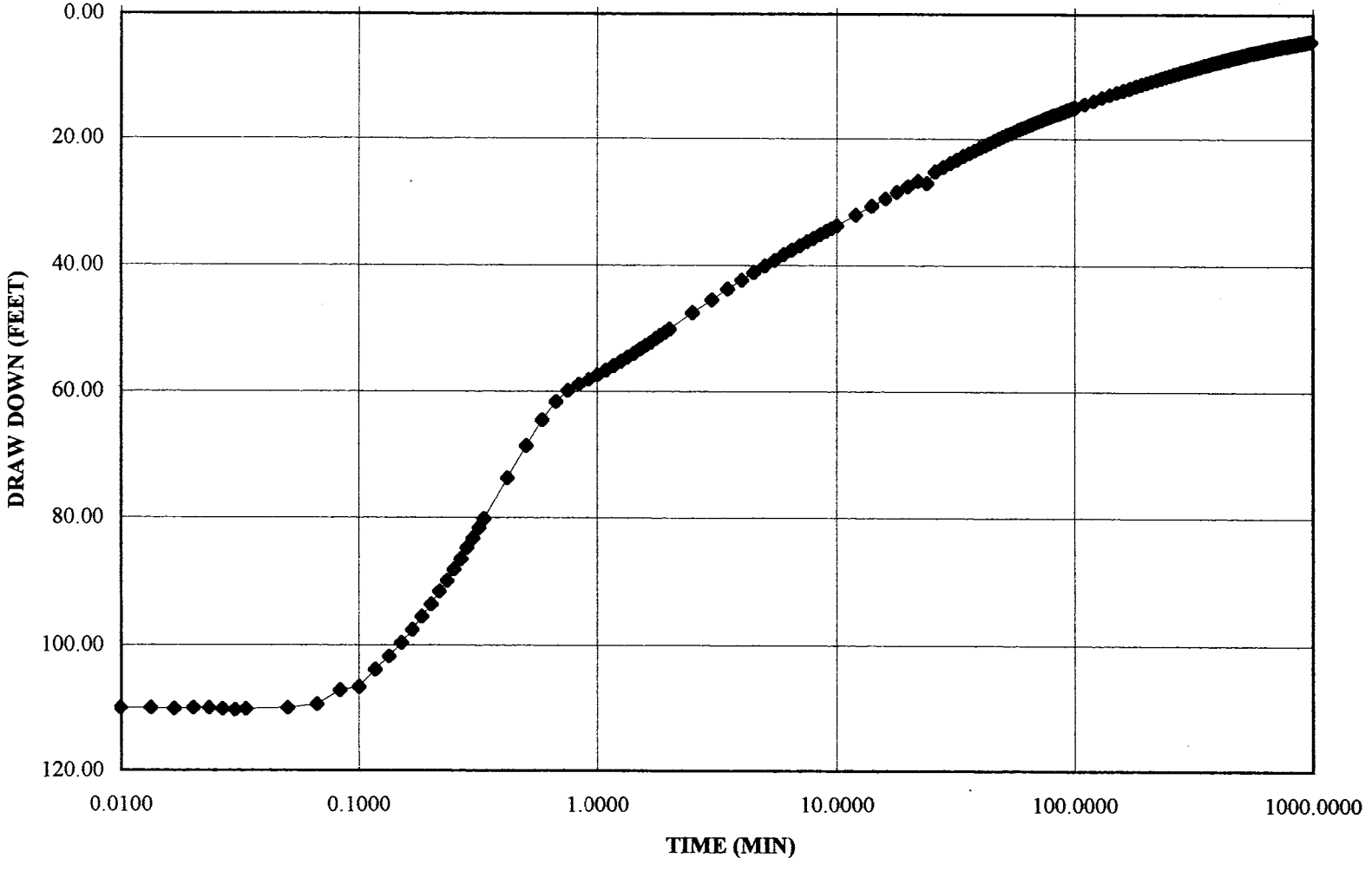
ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

J. FRANK SCHMIDT & SON CO.
By Schneider Drilling Co.
June 1996
Start Card No. 87121, Well Label No. L01707

Depth From	Depth To	Description
0	2	Top Soil
2	8	Clay, brown, soft, silty
8	20	Sand, brown, medium-fine
20	28	Sand, brown, coarse & gravel 2" minus
28	38	Clay, brown, medium-soft
38	50	Sand, brown, coarse & gravel 2" minus
50	62	Clay, gray, silty, soft
62	65	Clay, dark gray, medium-soft, sandy
65	72	Gravel 2" minus & sand, brown, coarse
72	85	Cobbles 6" minus & sand, coarse
85	87	Clay, brown, medium-soft
87	98	Clay, blue-gray, soft, sandy
98	102	Clay, gray, medium-soft, silty
102	107	Clay, gray & brown, soft, sandy
107	108	Clay, brown, soft, sandy, with wood
108	113	Clay, blue, soft, sandy
113	118	Clay, gray & brown, soft, silty
118	139	Clay, gray, soft, sandy
139	141	Sand, green, coarse, cemented
141	147	Clay, blue, medium-hard, flaky
147	153	Clay, gray, medium-hard, flaky
153	158	Clay, gray & brown, flaky
158	159	Sand & gravel, cemented
159	165	Clay, gray & brown, medium
165	170	Sand, green, cemented
170	176	Clay, green, soft, sandy
176	177	Sand, green, cemented
177	185	Clay, gray, hard & soft layers
185	187	Clay, gray, soft, sandy
187	215	Clay, gray, medium, flaky
215	220	Sand, coarse, with pea gravel & wood
220	228	Clay, blue-green, medium
228	230	Clay, blue, soft, sandy
230	235	Sand, green, medium, cemented
235	237	Sand, medium & gravel 3/4" minus
237	252	Clay, blue-green-gray, medium
252	253	Sand, gray, soft, silty
253	256	Sand, course, pea gravel
256	259	Clay, gray, medium
259	265	Clay, blue-gray, medium
265	268	Clay, blue, sandy

268	272	Sand, medium
272	277	Clay, gray, medium
277	282	Clay, gray, soft, silty
282	290	Sand, gray, fine, cemented
290	293	Clay, gray, medium-soft, silty
293	302	Sand, gray, fine, cemented
302	305	Clay, gray, soft, silty
305	307	Sand, gray, fine
307	309	Clay, brown, medium-hard & wood
309	315	Clay, brown, soft, silty
315	319	Sand, gray, medium
319	332	Clay, brown, soft, silty
332	335	Clay, brown-gray, medium
335	373	Clay, gray, medium-soft
373	381	Clay, gray, soft, sandy
381	383	Clay, dark gray, hard
383	386	Clay, gray, medium
386	390	Clay, gray, soft, sandy
390	395	Sand, coarse & pea gravel
395	405	Clay, gray, medium
405	410	Clay, gray-green, soft, silty
410	417	Clay, blue, medium
417	421	Clay, green, medium-soft
421	447	Clay, gray, medium-soft
447	465	Clay, blue-gray, medium
465	477	Clay, blue, medium
477	492	Clay, gray, medium
492	497	Clay, blue-gray, medium
497	500	Clay, gray, medium
500	510	Clay, blue, medium-soft
510	521	Clay, blue, soft, silty, little sandy
521	547	Clay, blue, medium

SCHMIDT WELL RECOVERY
8/17/96 - 250 GPM



SCHMIDT WELL TEST
8/17/96 @ 250 GPM