

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

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FEB - 4 1994

FEB 18 1994

WATER RESOURCES DEPT #46238

WATER RESOURCES DEPT SALEM, OREGON

(1) OWNER: Well Number SALEM, OREGON  
 Name Circle V Farms  
 Address 4889 Mahony Rd NE  
 City St. Paul State OR Zip 97137

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

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

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

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval  Yes  No Depth of Completed Well 297 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
20	0	29	Bent. Grout	0	18	31 sks
17	29	301	H.P. Bent & native clay	18	211	79 sks & As req'd

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

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Filter pack placed from 182 ft. to 301 ft. Size of gravel CSST 6x9 & 4x8

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing:	16	+2	211.6	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	12	182	207	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12	287	301	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_  
 (7) PERFORATIONS/SCREENS:  
 Perforations Method \_\_\_\_\_  
 Screens Type V shape wire wrap Material 304 SS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
207	287	.065	cont	12	PS	<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  
 see attached constant rate graph  
 Pump  Bailer  Air  Flowing  Artesian  
 Step Test:  

Yield gal/min	Drawdown	Drill stem at	Time
500	11		1 hr.
1000	25		3rd hr.
1500	38		5th hr.
2000	52		6th hr.

Temperature of Water ~53°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 9403

(9) LOCATION OF WELL by legal description:  
 County Marion Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 5S N or S. Range 2W E or W. WM. \_\_\_\_\_  
 Section 5 NW  SW   
 Tax Lot 600 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) OWNER

(10) STATIC WATER LEVEL:  
21 ft. below land surface. Date 1/21/94  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES: Drilling method  
 utilizes flooded hole to maintain stability.  
 Depth at which water was first found 1st significant probably @ 56'  
 guesstimates:

From	To	Estimated Flow Rate	SWL
56	60	not measured (NM)	NM
74	90	NM	NM
109	135	NM	NM
211	286	see (8)	see (10)

(12) WELL LOG:  
 Ground elevation approx. 170

Material	From	To	SWL
Top soil	0	2	
Clay, brown, med-soft	2	15	
Clay, gray, soft	15	56	
Sand, blk, md-fine, & some grvl, pea	56	60	
Clay, gray, med	60	74	
Sand, blk, md-fine, w/wood & grvl, 1 1/2"	74	90	
Clay, gray, med, silty	90	109	
Grvl, 2"- & sand, crse, w/wood	109	120	
Sand, blk, fine	120	135	
Clay, gray-brn, sandy/silty	135	147	
Clay, blue-gray, med	147	162	
Clay, gray, med-sft, silty/sandy	162	211	
Sand, blk, med	211	228	
Grvl, 6"- & sand, blk, med	228	242	
Sand, blk, med	242	260	
Gravel, 2"- & sand, blk, med-crse	260	286	
Clay, blue, med	286	294	
Clay, gray, soft-hd, sandy	294	301	

Date started 10/28/93 Completed 1/26/94

(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 [Signature] WWC Number 1367  
 Date 1/31/94

(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 [Signature] WWC Number 649  
 Date 1/31/94

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WATER RESOURCES DEPT.  
SALEM, OREGON

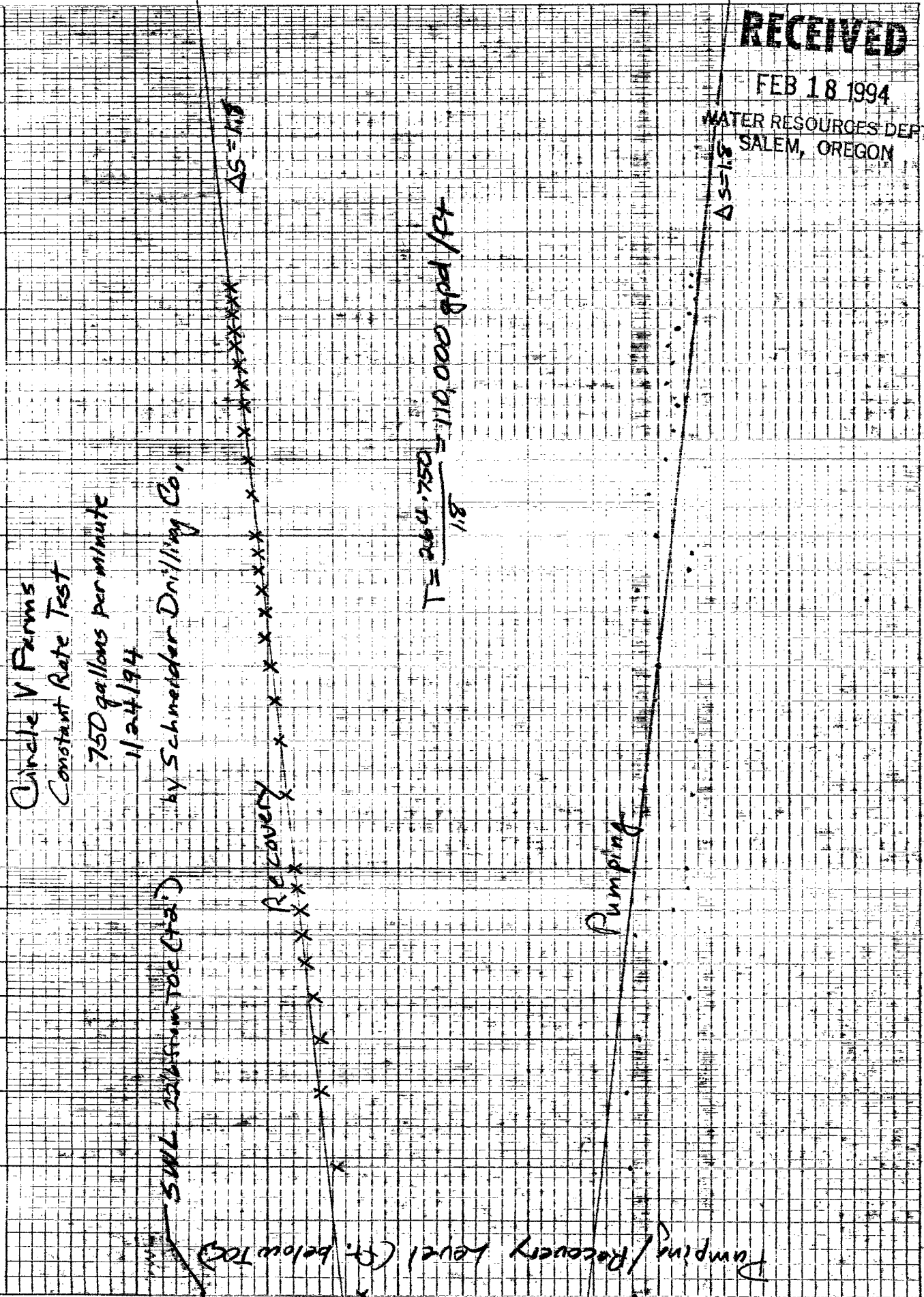
Time (minutes)

1000

100

10

1



Circle V Farms  
Constant Rate Test

750 gallons per minute  
11/24/94  
by Schneider Drilling Co.

S.W.L. 22 ft. from TOS (72.5)

Recovery

Pumping

$$121 / pdd 000 011 = 0.52 * 750 = 390 = 1.5'$$

$\Delta S = 1.5'$

$\Delta S = 1.5'$

20

30

40