E TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

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MAY 3 - 1971
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

MAR 1061

State Well No. 4/2W-4
State Permit No.

(1) OWNER:
Name Jay Ben James
Address Star Rt Box 88
St Paul Ore 97137

(2) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:
Threaded ☐ Welded ☒
18" Diam. from +2'2" ft. to 349'10" ft. Gage .250 *
6" Diam. from +1'7" ft. to 128 ft. Gage .250
" Diam. from ft. to ft. Gage

PERFORATIONS:
Perforated? ☒ Yes ☐ No.
Type of perforator used torch
Size of perforations 3/8 in. by 6" in.
640 perforations from 136'6" ft. to 176'6" ft.
640 perforations from 196'6" ft. to 236'6" ft.
320 perforations from 256'6" ft. to 276'6" ft.
640 perforations from 296'6" ft. to 336'6" ft.

(7) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? drillers
Yield: gal./min. with ft. drawdown after hrs.
* see attached sheet
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 128' ft.
Diameter of well bore to bottom of seal 36" in.
Diameter of well bore below seal 24 in.
Number of sacks of cement used in well seal 77 sacks
Number of sacks of bentonite used in well seal 0 sacks
Brand name of bentonite —
Number of pounds of bentonite per 100 gallons of water — lbs./100 gals.
Was a drive shoe used? ☐ Yes ☒ No Plugs — Size: location — ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? — Depth of strata
Method of sealing strata off Pumped grout up
Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/4 - 3/8
Gravel placed from 128 ft. to 349'10" ft.

(10) LOCATION OF WELL:
County Marion Driller's well number 7102
¼ ¼ Section 4 T. 4S R. 2W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 42' ft.
Static level 35' ft. below land surface. Date 3-16-71
Artesian pressure — lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 36"
Depth drilled 355 ft. Depth of completed well 349'10" ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
See sheet attached			
* perforated casing is .375 wall			
6" is gravel feed			

Work started 10-29 1970 Completed 3-18 1971
Date well drilling machine moved off of well 3-18 1971

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Edgar J Muller (Drilling Machine Operator) Date ....., 19.....
Drilling Machine Operator's License No. 581

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Milo Schneider Equipment Co. (Person, firm or corporation) (Type or print)
Address Star Rt Box 97 St Paul Ore 97137
[Signed] Milo Schneider (Water Well Contractor)
Contractor's License No. 387 Date 4-12, 1971

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

1970 - 71

Sar Ben Farm Reverse Cycle Well
36" Bit

top soil	0 - 3
brown clay	3 - 31
blue soft clay	31 - 40
brown clay	40 - 42
brown sand	42 - 45
blue soft clay	45 - 48
brown sand	48 - 51
blue soft clay	51 - 58
brown sand	58 - 60
gray sandy clay	60 - 64
brown cemented sand	64 - 68
blue soft clay	68 - 70
brown sand	70 - 75
brown clay	75 - 78
brown cemented sand	78 - 88
blue clay	88 - 92
black sand	92 - 100
blue clay	100 - 130
blue silty clay	130 - 140
black sand & gravel (1½")	140 - 148
blue clay	148 - 160
black sand coarse	160 - 162
blue clay	162 - 190
black sand	190 - 196
gray clay	196 - 208
blue clay	208 - 210
blue clay & sand layers	210 - 214
blue clay	214 - 219
blue sand & clay	219 - 225
blue clay	225 - 236
brown clay	236 - 244
blue silty clay	244 - 250
blue clay	250 - 258
blue clay & sand layers	258 - 261
blue clay	261 - 283
brown silty clay	283 - 290
dark brown silty clay black sand & pea gravel layers	290 - 309
gray clay	309 - 312
black sand & gravel	312 - 315
sand stone	315 - 321
brown silty clay & pea gravel	321 - 327
black sand & gravel (1½")	327 - 329
brown silty clay	329 - 333
brown clay	333 - 355

Henry Hazenberg
Irrigation Well
1971

Material	From	To	
top soil	0	3	
Boulder 5'			
brown clay	3	11	
brown silty clay	11	16	
brown clay	16	30	
brown cemented sand	30	35	
blue clay	35	39	
brown silt	39	50	
black sand	50	54	
brown cemented sand	54	56	
brown clay	56	58	
brown sand	58	63	
blue clay	63	66	
black sand & gravel	66	70	
blue sandy clay	70	73	
black coarse sand	73	76	
blue clay	76	87	Perf 178-218 238-298
brown clay	87	98	
brown silty clay	98	100	
blue clay	100	110	
brown sandy clay	110	116	6
blue clay	116	124	
brown clay	124	127	
blue clay	127	130	
blue silty clay	130	133	
blue clay	133	154	
blue silty clay	154	157	* 3
blue clay	157	168	
brown silty clay	168	180	
blue sandy clay	180	183	* 3
blue silty clay	183	196	
blue clay	196	201	
brown sandy clay	201	206	* 5
sand blue clay	206	209	* 3
brown clay	209	216	
blue clay	216	239	
black coarse sand & pea gravela	239	244	* 5
blue clay	244	246	
blue sandy clay	246	250	* 4
blue clay	250	259	
black coarse sand	259	261	* 2
blue clay	261	264	
blue silty clay	264	278	* 14
brown clay	278	282	
brown silty clay	282	290	* 8 42'
blue clay	290	300	
brown silty clay	300	311	10" - 318'
blue clay	311	353	6" - 107

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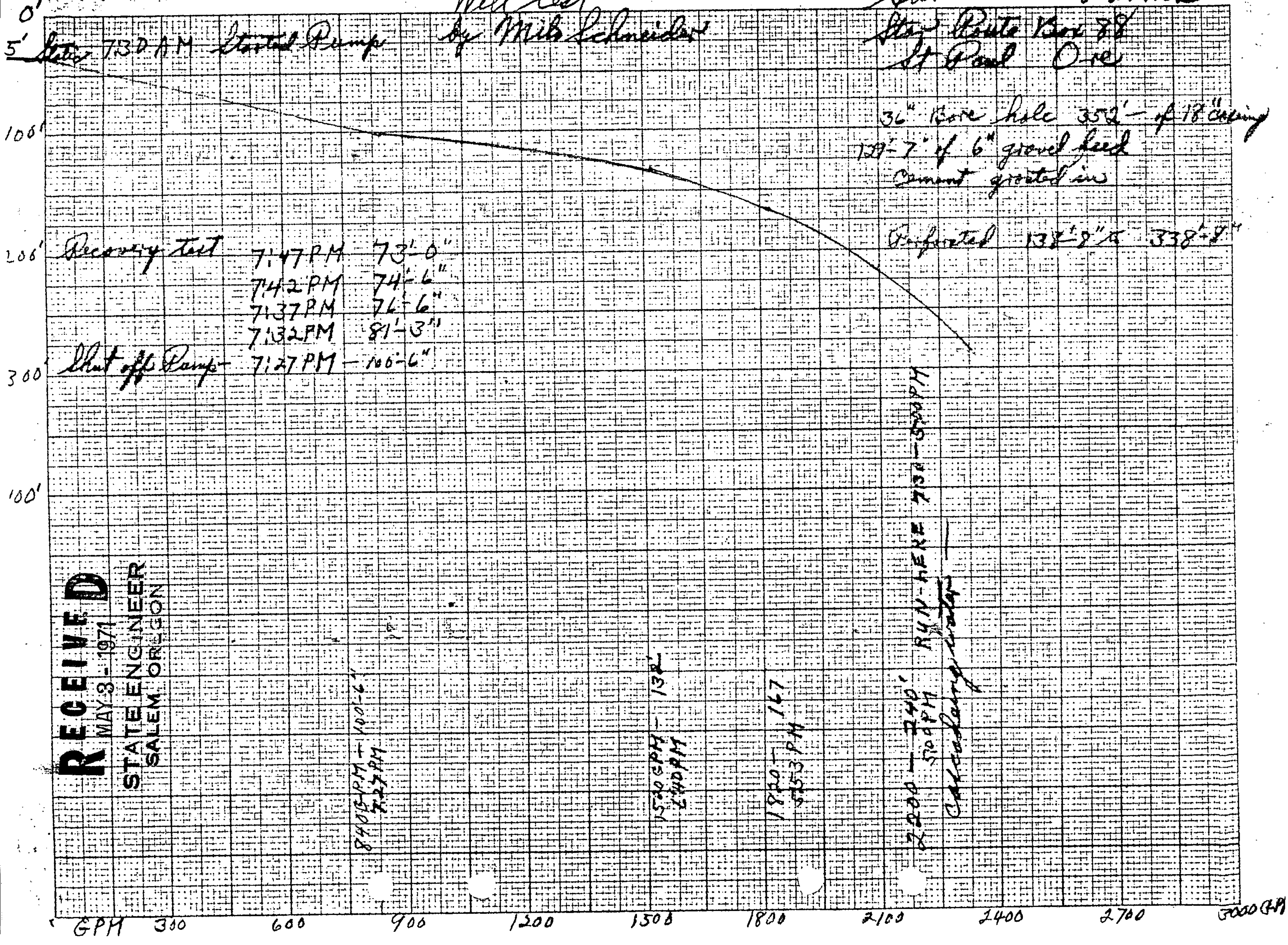
3-16-71

Well test

Sar Ben Farms



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