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JUN 16 1958

WATER WELL REPORT

STATE OF OREGON

State Well No. 7/1W-7(11)

State Permit No. G515

STATE ENGINEER

SALEM, OREGON

(1) OWNER:

Name **DETTWYLER + SCHMIDT-GALE DAIRY**
Address **RT-2 BOX 280 SILVERTON OREGON**

(2) LOCATION OF WELL:

County **MARION** Owner's number, if any— **515**
Bearing and distance from section or subdivision corner
36 1/4 1/4 Section **7** T. **7S** R. **1W** W.M.
986 CHAINSE. FROM N. W CORNER THENCE 445 CHAINS S.

TYPE OF WORK (check):

Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
ation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded
10" 1-8" Diam. from 1' ft. to 140'6" Gage 8
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used **MILLS TYPE**
SIZE of perforations 3/8" in. by 3" in.
30 perforations from 74' ft. to 106' ft.
80 perforations from 61' ft. to 68' ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) 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.

(9) CONSTRUCTION:

Well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? 10" + ft.
Material used in seal— **STEEL PLATE**
Did any strata contain unusable water? Yes No
Type of water? **GOOD** Depth of strata **61 to 68**
Method of sealing strata off **BACK FILL 74 TO 106**

(10) WATER LEVELS:

Static level **35** ft. below land surface Date **5-14-57**
Artesian pressure lbs. per square inch Date

Log Accepted by: **Dettwyler Schmidt-Gale Dairy**
By **Joseph Schmidt-Gale** Date **5-24**, 19**57**
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? **STETTLER SUPPLY**
Yield: **150** gal./min. with **7** ft. drawdown after **2** hrs.
" **310** " " **17** " **1/2** "
" **400** " " **51** " **1** "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water **56°** Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well **10" 1-0** inches.
Depth drilled **140'6"** ft. Depth of completed well **140'6"** ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
TOPSOIL	2'	2'
CLAY YELLOW COLOR	22	24
CLAY BLUE COLOR	16	40
SAND MUCKY YELLOW COLOR	15	55
CEMENTED GRAVEL	6	61
WATER GRAVEL + SAND #2	1	62
CEMENTED GRAVEL	6	68
CLAY YELLOW COLOR	5	73
CEMENTED GRAVEL #1" YELLOW	25	98
CEMENTED GRAVEL #2" BLUE	7'6"	105'6"
GRAVEL + SAND W.B. 60 G.P.M.	6'	106'
CEMENTED GRAVEL BLUE	1'	107'
CLAY BLUE COLOR	4'	111
CEMENTED GRAVEL #4"	8'	114
WATER SAND	1'	115
SAND MUCKY GRAY COLOR	12'	127
SHALE GRAY COLOR	10'	137
MUCKY SAND	3'	140'

CASING PLUGGED AT BOTTOM TO SHUT OUT MUCKY SAND WHICH IS WATER BEARING. (CEMENT PLUG.)

Work started **5-9-1957** Completed **5-14-1957**

(13) PUMP:

Manufacturer's Name **FAIR BANKS PUMP CO.**
Type: **TURBINE** H.P. **20HP**

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME **J.A. SNEED + SONS** (Type or print)

Address **2505 BROOKS ST. SALEM, O.**

Driller's well number

[Signed] **J.A. Sneed** (Well Driller)

License No. **6** Date **5-14-1957**