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# WATER WELL DRILLERS REPORT

STATE OF OREGON

Do Not Fill In — State Well No. 1N/5E-27M(1) MULT — State Permit No. 9C1364

## (1) OWNER:
Name CITY OF FAIRVIEW

Address Main and First Street
Block 5, Lot 7, City of Fairview

## (2) LOCATION OF WELL:
County Multnomah Owner's number, if any—

R. F. D. or Street No.

Bearing and distance from section or subdivision corner
From a center point Main & First Sts., north 200 ft., thence 30 ft. east to well

## (3) TYPE OF WORK (check):
New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

## (4) PROPOSED USE (check):
Domestic [ ] Industrial [ ] Municipal [XX]
Irrigation [ ] Test Well [ ] Other [ ]

## (5) EQUIPMENT:
Rotary [ ]
Cable [XX]
Dug Well [ ]

## (6) CASING INSTALLED:
Threaded [ ] Welded [X]

| FROM | ft. to | ft. | Diam. | Gage or Wall |
|---|---|---|---|---|
| 0 | 82 | | 12" | Std. |
| 82 | 800 | | 10" | Std. |
| | | | | |
| | | | | |
| | | | | |

Type and size of shoe or well ring

Describe joint weld

### If gravel packed

| Diameter of Bore | from ft. | to ft. |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

Size of gravel:

## (7) PERFORATIONS:
Type of perforator used Mills Knife

SIZE of perforations 2" in., length, by 1/4 in.

FROM 320 ft. to 340 ft. — perf per foot — No. of rows

4 ross "of 30 each

## SCREENS:
Give Manufacturer's Name, Model No. and Size

## (8) CONSTRUCTION:
Was a surface sanitary seal provided? [X] Yes [ ] No To what depth 82 ft.

Were any strata sealed against pollution? [X] Yes [ ] No

If yes, note depth of strata

FROM 0 ft. to 82 ft.

METHOD OF SEALING Back fill cuttings

## (9) WATER LEVELS:
Depth at which water was first found 10 ft.

Standing level before perforating 90 ft.

Standing level after perforating 90 ft.

Log Accepted by:

[Signed] ..... Dated ....., 19.....
Owner

## (10) WELL TESTS:
Was a pump test made? [X] Yes [ ] No If yes, by whom? Bettner

Yield: gal./min. with ft. draw down after hrs.

" " " "

" " " "

Artesian flow ..... g.p.m.

Shut-in pressure ..... lbs. per square inch.

Bailer test none g.p.m. with none ft. drawdown

Temperature of water Was a chemical analysis made? [ ] Yes [X] No

Was electric log made of well? [ ] Yes [X] No

## (11) WELL LOG:
Diameter of well, 12 inches.

Total depth 1060 ft. Depth of completed well 1060 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.*

ft. to ft.

" " SEE EXHIBIT "A" ATTACHED

" " Turbine - 4" inch - 10HP

" " Static Level 60'

Ground elevation at well site ..... feet above mean sea level.

Work started March 12 19 56 Completed Aug. 12 19 56

**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 BARRON & STRAYER (Person, firm, or corporation) Janice Strayer (Typed or printed)

Address Route 1, Box 254, Beaverton, Oregon

Driller's well number Hal Gossett

[Signed] 35 Hal Gossett (Well Driller)

License No. 191 Dated Sept 6, 1956

RECORDER'S OFFICE

1N/3-27M(1)
MULT.

# CITY OF FAIRVIEW
## OREGON

NURSERIES, FRUIT AND DAIRYING INDUSTRIES

July 18, 1958

State Engineer
Salem, Oregon

Attention: Jack Sceva, Geoligist

Dear Mr. Sceva:

In reply to your letter bearing file #G-529 in regards to re-perforating our well by Hakkon Bottner.

Mr. Bottner reperforated this well with 765 perforations. Perforating was done between the 275 foot and 340 foot levels.

Test Pumping was done over a two day period with the following results:

Static water level before reperforation----------93 feet
Static water level after reperforation----------87 feet

| | | | | |
|---|---|---|---|---|
| 340 | G.P.M.- - - | -11 | foot | draw down |
| 380 | G.P.M.- - - | -13 | " | " " |
| 430 | " - - - | -15 | " | " " |
| 480 | " - - - | -17½ | " | " " |
| 580 | " - - - | -22⅝ | " | " " |
| 780 | " - - - | -38 | " | " " |
| 850 | " - - - | -45 | " | " " |

850 G.P.M. was the capacity of the test pump used by Mr. Bottner

Enclosed find Form B and Form C, covering completion and application of this well.

Sincerely

Thomas L Shaw

Thomas L. Shaw
Water Superintendent

1N/3E-27M(1)



| | | |
|---|---|---|
| 0 | to 5 | Clay |
| 5 | 10 | bolders |
| 10 | 20 | shot bolders, gravel caving |
| 20 | 25 | gravel |
| 25 | 36 | " |
| 36 | 59 | " |
| 59 | 77 | cement, gravel |
| 77 | 83 | " " |
| 83 | 105 | Blue silt, surface water shot off |
| 105 | to 125 | river silt |
| 140 | 175 | cement, gravel |
| 175 | 185 | " ", hole caving |
| 185 | 203 | " " |
| 203 | 265 | silt |
| 265 | 280= | Clean gravel, doesn't show much water |
| 280 | 300= | Gravel |
| 300 | 320 | tight clean gravel, pipe driving slow |
| 320 | 345 | gravel muddy |
| 345 | 360= | cement gravel |
| 360 | 370 | yellow clay, some sand |
| 370 | 380 | sandy yellow clay= |
| 380 | 400 | fine sand, pipe going good |
| 400 | 420 | sand keeps heaving |
| 420 | 445 | corse rock |
| 445 | 455 | sandy silt can't get ahead of pipe |
| 455 | 465 | " ", driving pipe |
| 465 | 495 | " " |
| 495 | 520 | heaving sand |
| 520 | 535 | " " |
| 535 | 540 | blue shale |
| 540 | 550 | black sand |
| 550 | 560 | " ", heaving pipe |
| 560 | 575 | sand, some gravel |
| 575 | 600 | white fine sand still heaving |
| 600 | 630 | fine flower sand |
| 630 | 670 | " silk sand |
| 670 | 690 | fine sand, gravel |
| 690 | 705 | fine sharp sandy rock |
| 705 | 715 | blue shale |
| 715 | 725 | fine sand |
| 735 | 745 | sandy small gravel caving |
| 745 | 755 | " gray clay |
| 755 | 760 | yellow clay |
| 760 | 789 | " " |
| 789 | 800 | " " |
| 800 | 810 | hard gray rock |
| 810 | 820 | broken rock, clay in at |
| 826 | 850 | hard black rock |
| 860= | 875 | hard rock blue clay |
| 890 | 900 | black rock |
| 900 | 910 | blue clay |
| 910 | 915 | " " |
| 915 | 920 | gray rock |
| 920 | 935 | blue clay |
| 935 | 937 | hard shell |
| 937 | 950 | clay |
| 950 | 965 | hard clay sand rock |
| 965 | 975 | hard gray sand shows water |
| 975 | 980 | hard sand, some rock in it |
| 980 | 992 | " " " " " " |
| 992 | 998 | hard sand |

| | | |
|---|---|---|
| 998 | to 1000 | pink shale sand |
| 1000 | 1002 | red clay |
| 1002 | 1015 | broken rock |
| 1015 | 1020 | hard sand |
| 1020 | 1030 | broken rock, drilling muddy |
| 1030 | 1045 | " blue clay |
| 1045 | 1060 | gray sand, clay |



EXHIBIT "A"