

ICE TO WATER WELL CONTRACTOR
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NOV 27 1972

WATER WELL REPORT

6601
MAR 1972

7S/2W-5 ca

DATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE ENGINEER
SALEM, OREGON
(Please type or print)
(Do not write above this line)

State Well No. 7S/2W-5 ca

State Permit No.

OBSERVATION WELL

(1) OWNER:
Name Bernie Stuart
Address 4374 41st St. NE. Salem Ore.

(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
10" Diam. from 1 ft. to 227 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS: Perforated? Yes No.
Type of perforator used Mills
Size of perforations $\frac{1}{4}$ in. by $2\frac{1}{2}$ in.
240 perforations from 124 ft. to 136 ft.
800 perforations from 151 ft. to 191 ft.
320 perforations from 208 ft. to 224 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? Stettler
Yield: 500 gal./min. with 35 ft. drawdown after 10 hrs.
" " " "
" " " "
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/sand
Well sealed from land surface to 30 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 16 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
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Marion Driller's well number
NE 1/4 SW 1/4 Section 5 T. 7s R. 2W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 25 ft.
Static level 24 ft. below land surface. Date 10/24/72
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 10
Depth drilled 227 ft. Depth of completed well 227 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 |
|--------------------------|------|-----|-----|
| Top soil | 0 | 3 | |
| Brown clay | 3 | 33 | 25 |
| Brown silty clay | 33 | 46 | |
| gray clay | 46 | 49 | |
| sand & gravel | 49 | 71 | 24 |
| sand (black) | 71 | 80 | |
| sandy clay (brown) | 80 | 89 | |
| fine sand (brown) | 89 | 96 | |
| sand & gravel | 96 | 105 | |
| gray clay | 105 | 115 | |
| sand | 115 | 120 | |
| sand & gravel | 120 | 139 | |
| gray clay (sandy) | 139 | 147 | |
| sand & gravel (cemented) | 147 | 195 | |
| sand | 195 | 198 | |
| snd & gravel (cemented) | 198 | 200 | |
| sand | 200 | 204 | |
| sand & gravel (cemented) | 204 | 227 | |

Work started 8/28 1972 Completed 10/26 1972
Date well drilling machine moved off of well 10/26 1972

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] Jack Casey Date 11/6, 1972
(Drilling Machine Operator)
Drilling Machine Operator's License No. 812

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 Howard Duffield
(Person, firm or corporation) (Type or print)
Address 4123 Bluff Ave. SE. Salem
[Signed] Howard Duffield
(Water Well Contractor)
Contractor's License No. 15 Date 11/6, 1972