

WATER WELL REPORT
STATE OF OREGON

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UNIO
1853

State Well No. 3N/40E-18
State Permit No. _____

WATER RESOURCES DEPT

(1) OWNER:
Name Department of Fish and Wildlife
Address 506 S.W. Mill Street PO. Box 3503
City Portland State Oregon.

(10) LOCATION OF WELL:
County Union Driller's well number _____
1/4 SW 1/4 Section 18 T. 3N R. 40E W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____

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

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
C. Well Bored Thermal: _____ Withdrawal Reinjection

(5) CASING INSTALLED: Steel Plastic
10" Diam. from +1 ft. to 20 ft. Gauge .0250
Threaded Welded

LINER INSTALLED:
6" Diam. from 5 ft. to 245 ft. Gauge Sch 160 PVC

(6) PERFORATIONS: Perforated? Yes No
Type of perforator used Router
Size of perforations 1 in. by 1 in. round
600 perforations from 160 ft. to 245 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ 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? Driller
1: SEE ATTACHED hrs.
2: _____ hrs.
Air test 225 gal./min. with drill stem at 235 ft. 1 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: Special standards: Yes No
Well seal—Material used Cement
Well sealed from land surface to _____ ft.
Diameter of well bore to bottom of seal 8 in. 12 in.
Diameter of well bore below seal _____ in. 18 in.
Number of sacks of cement used in well _____ sacks
How was cement grout placed? Mud Pump
Was pump installed? _____ Type _____ HP _____ Depth _____ ft.
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.

(11) WATER LEVEL: Completed well.
Depth at which water was first found 160 ft.
Static level _____ ft. below land surface. Date _____
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 8
Depth drilled 245 ft. Depth of completed well _____ 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 |
|---|------|-----|-----|
| Chunk Rock Basalt | 0 | 7 | |
| Sand and River Gravel | 7 | 10 | |
| Red Brown Clay | 10 | 15 | |
| Medium black basalt | 15 | 32 | |
| Black Basalt Fractured | 32 | 50 | |
| Brown basalt Fractured | 50 | 54 | |
| Black basalt Fractured | 54 | 60 | |
| Red - Brown Basalt w/ | | | |
| Clay layers | 60 | 74 | |
| Hard black basalt dense | 74 | 90 | |
| Red Clay med hard | 90 | 96 | |
| Black Basalt Fractured | 96 | 107 | |
| Black basalt w/Red | | | |
| streaks of clay 3Gpm. | 107 | 117 | WB |
| Black basalt fractured | | | |
| with soft blue clay | | | |
| deposits. 50 Gpm. | 117 | 167 | WB |
| Soft to medium hard | | | |
| very porous black and | | | WB |
| grey XX lava type rock. | 167 | 238 | WB |
| Very hard Black basalt | 238 | 245 | |
| Work started <u>7-27</u> 23 19 81 Completed <u>7-27</u> 19 81 | | | |
| Date well drilling machine moved off of well _____ 19 _____ | | | |

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) _____ Date 7-27, 1981
(Drilling Machine Operator) _____
Drilling Machine Operator's License No. 1298

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 Goral LaPorte Well Drilling
(Person, firm or corporation) _____ (Type or print)
Address Rt 1 Box 101 Mt Oregon
(Signed) _____
Contractor's License No. 756 Date 7-27, 1981