

WATER WELL REPORT
STATE OF OREGON

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FEB 23 1981

WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 178/12w-10

State Permit No. LANE 14645

(1) OWNER:

Name Davidson Industries
Address 09766 Highway 126
City Mapleton, OR. 97453 State _____

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal ReInjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
" Diam. from Plus 1 ft. to 59 ft. Gauge .250 (1/4")
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

" Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS:

Perforated? Yes No

Type of perforator used _____
Size of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ 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.
_____ 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? Sweet, Edwards & Assoc. Inc. Kelso, Wash.
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Well output may fluctuate
_____ test 60 gal./min. with drill stem at 176 ft. 1 hrs.
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Cement
Well sealed from land surface to 59 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 18 sacks
How was cement grout placed? Pumped into seal area

Was pump installed? NO 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.

(10) LOCATION OF WELL:

County Lane Driller's well number 8105
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: Southview PUD

(11) WATER LEVEL: Completed well.

Depth at which water was first found 72 ft.
Static level 25 ft. below land surface. Date 1-22-81
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 178 ft. Depth of completed well 178 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
Topsoil	0	3	
Lt. Brn. Weathered Clay	3	15	
Clay & Boulders	15	48	
Fractured Basalt	48	53	
Blue Gray SS (Soft)	53	57	
Blue Gray SS (Firm)	57	63	
Basalt	63	15	
Fractured Basalt (water bear)	15	24	
Basalt	24	32	
Blue Green Clay	32	67	
Basalt	67	78	

Work started 1-20 1981 Completed 1-22 1981
Date well drilling machine moved off of well 1-28 1981

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] Paul Christensen Date 1-28, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. 612

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 Mark Christensen (Person, firm or corporation) (Type or print)
Address 33132 Coleman Rd., Eugene, Oregon 97401

[Signed] Mark Christensen (Water Well Contractor)

Contractor's License No. 97 Date 1-28, 1981