

WATER WELL REPORT  
STATE OF OREGON

DESC  
3126

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AUG 5 1983

State Well No.

15510E-20dd

WATER RESOURCES DEPT.  
SALEM, OREGON

State Permit No.

(1) OWNER:

Name George Stroumple  
Address Three Ch. Rd.  
City Sisters State Oregon

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
Cased  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal: Withdrawal  ReInjection

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

8" Diam. from 1 ft. to 20 ft. Gauge 2.50  
" Diam. from ft. to ft. Gauge

(6) LINER INSTALLED:

5" Diam. from 0 ft. to 405 ft. Gauge 1.88

(7) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used Factory  
Size of perforations 1/8 in. by 2 in.  
265 perforations from 885 ft. to 405 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) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
23 gal./min. with 0 ft. drawdown after 4 hrs.

Air test 125 gal./min. with drill stem at 405 ft. 1 hrs.  
Bailer test - gal./min. with - ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 46 Depth artesian flow encountered ft.

(10) CONSTRUCTION:

Special standards: Yes  No

Well seal—Material used Cement  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 14 sacks  
How was cement grout placed? Pressure Grouted

Was pump installed? Yes Type SUR HP 3 Depth 39.5 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: ft.  
Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County Deschutes Driller's well number  
S.E. 1/4 S.E. 1/4 Section 20 T. 15S R. 10E W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location: Three Chickets Rd.

(12) WATER LEVEL: Completed well.

Depth at which water was first found 382 ft.  
Static level 325 ft. below land surface. Date 7-22-83  
Artesian pressure lbs. per square inch. Date

(13) WELL LOG:

Diameter of well below casing Cased to bottom

Depth drilled 415 ft. Depth of completed well 405 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
Overburden	0	1	
BASALT	1	28	
SANDSTONE BRN	28	34	
BASALT	34	93	
SANDSTONE & Cong. Br.	93	164	
BASALT	164	187	
SANDSTONE & Cong. Br.	187	265	
BASALT	265	312	
SANDSTONE - Red	312	351	325
BASALT	351	358	
SANDSTONE BR	358	382	
Waterbearing BASALT	382	405	

Work started 4-14 1983 Completed 7-22 1983  
Date well drilling machine moved off of well 7-22 1983

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] Sh. Gordon Davidson Date 7-28, 1983  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 685

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 Davidson-Smith Drilling  
(Person, firm or corporation) (Type or print)  
Address 68743 Tupping Ln. Redmond, Ore  
[Signed] Sh. Gordon Davidson 97756  
(Water Well Contractor)

Contractor's License No. 548 Date 7-28, 1983