

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

WATER WELL REPORT RECEIVED  
AUG 20 1974

STATE OF OREGON  
(Please type or print)

State Well No. 75/ZW-3bd  
State Permit No. \_\_\_\_\_

G6746 (Do not write above this line)

STATE ENGINEER  
SALEM, OREGON

**(1) OWNER:**

Name Reuben Ditchen  
Address Rt 2 Silverton, Oreg.

**(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 201 ft. Gage 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**PERFORATIONS:**

Perforated?  Yes  No.  
Type of perforator used Mills Knife  
Size of perforations 3/8 in. by 3 in.  
135 perforations from 183 ft. to 168 ft.  
180 perforations from 153 ft. to 133 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?  
Yield: gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
" " " " " "  
" " " " " "  
Air 400 gal./min. with 120 ft. drawdown after 3 hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Bentonite & Puddled Clay  
Well sealed from land surface to 20 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 \_\_\_\_\_ sacks  
Number of sacks of bentonite used in well seal 1 sacks  
Brand name of bentonite National  
Number of pounds of bentonite per 100 gallons  
of water 100 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 \_\_\_\_\_  
S.E. 1/4 N.W. 1/4 Section 3 T.7.S. R.2W W.M. \_\_\_\_\_  
Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 37 ft.  
Static level 45 ft. below land surface. Date 6/11/74  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing none  
Depth drilled 205 ft. Depth of completed well 205 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 brn.	0	3	
Clay brn sandy	3	20	
"""""" blue	20	47	
"""""" brn.	47	59	
"""""" brn sticky	59	69	
Fine sand silty brn.	69	72	
Fine gravel, sandy brn W.B.	72	75	
Med gravel loose blue W.B.	75	88	
Course sand & fine gravel blue	88	101	W.B.
Med sand & gravel Blue W.B.	101	128	
Med conglomerate	128	158	W.B.
Fine gravel & sand W.b.	158	163	
Med Conglom.	163	185	
Fine sand brn. W.B	185	192	
Fine gravel unconsolidated	192	195	
Med conglom. brn.	195	205	

Work started 5/28/74 19 Completed 6/11/74 19  
Date well drilling machine moved off of well 6/11/74 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] R. Stadel 7/3/74 1974  
(Drilling Machine Operator) Date

Drilling Machine Operator's License No. 738

**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 R. Stadel & Sons Inc. \_\_\_\_\_  
(Person, firm or corporation) (Type or print)

Address Silverton, Oreg

[Signed] Paul R. Stadel \_\_\_\_\_  
(Water Well Contractor)

Contractor's License No. 296 Date 7/3/74 1974