

(1) OWNER:

Name Francis Hammelman
Address Rt 1 Box 94 B. Mt Angel, Oreg

(2) TYPE OF WORK (check):

New Well [X] Deepening [] Reconditioning [] Abandon []
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [X] Driven []
Cable [] Jetted []
Dug [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal []
Irrigation [X] Test Well [] Other []

(5) CASING INSTALLED:

10" Diam. from 0 ft. to 307 ft. Gage 250
Threaded [] Welded [X]

(6) PERFORATIONS:

Perforated? [] Yes [X] No

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [] Yes [X] No

Manufacturer's Name
Type Model No.
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? [X] Yes [] No If yes, by whom?
Yield: 575 gal./min. with 120 ft. drawdown after 5 hrs.

(9) CONSTRUCTION:

Well seal-Material used Cement & Bentonite
Well sealed from land surface to 307 ft.
Diameter of well bore to bottom of seal 16" to 20' 12 1/4" to 307
Diameter of well bore below seal 8" in.
Number of sacks of cement used in well seal 2 Yds sacks
Number of sacks of bentonite used in well seal 10 sacks
Brand name of bentonite Int. high yield
Number of pounds of bentonite per 100 gallons of water 100 lbs./100 gals.

(10) LOCATION OF WELL:

County Marion Driller's well number
S.W. 1/4 N.W. 1/4 Section 1 T. 6.S. R. 1.W. W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 38 ft.
Static level 124 ft. below land surface. Date 9/24/73
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 386 ft. Depth of completed well 386 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated.

Table with columns: MATERIAL, From, To, SWL. Rows include Topsoil brown, Clay brown, clay grey, Sand fine grey, Clay yellow, Med. cong. brn., Fine packed sand brown, clay green, med sand few blk. gravel, clay grey, rotten wood, Clay grey, Clay green grey sandy, Clay grey, Clay sandy & wood gry. brwn, clay grey, Clay brwn., clay grey, Clay brown and wood.

Work started 8/6/73 19 Completed 9/24/73 19
Date well drilling machine moved off of well 9/24/73 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] K. Stadel Date 9/29/73, 19...
(Drilling Machine Operator)

Drilling Machine Operator's License No. 84

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 K. Stadel & Sons Inc.
(Person, firm or corporation) (Type or print)

Address Silverton, reg

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

Contractor's License No. 296 Date 9/29/73, 19...

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED
OCT 19 1973

WATER WELL REPORT
STATE OF OREGON
(Please type or print) STATE ENGINEER
SALEM, OREGON

State Well No. 65/1w-1bc
State Permit No. _____

(1) OWNER:
Name F. Hammelman CONT.
Address _____

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

(3) TYPE OF WELL: Rotary Cable Dug
Driven Jetted Bored
(4) PROPOSED USE (check): Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED: Threaded Welded
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

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.
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.
" " " " " "
" " " " " "
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 _____
Well sealed from land surface to _____ ft.
Diameter of well bore to bottom of seal _____ in.
Diameter of well bore below seal _____ in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal _____ 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 _____ Driller's well number _____
¼ Section _____ T. _____ R. _____ W.M. _____
Bearing and distance from section or subdivision corner _____

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

(12) WELL LOG: Diameter of well below casing _____
Depth drilled 386 ft. Depth of completed well 386 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
Clay grey sandy	170	189	
Clay brown	189	207	
Clay grey	207	225	
Clay red	225	247	
Clay brown	247	260	
Clay red gritty	260	274	
Clay brown	274	292	
Claystone red	292	303	
Med. Basalt black	303	307	
Hard basalt grey	307	307	357
H. basalt grey & seams brn W.B.	357	386	

Work started 8/6/73 19 _____ Completed 9/24/73 19 _____
Date well drilling machine moved off of well 9/24/73 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] C. E. Stadel Date 9/29/73, 19_____
(Drilling Machine Operator) _____
Drilling Machine Operator's License No. 84

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 9/29, 1973