

WATER WELL REPORT
STATE OF OREGON

COLU
3274

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State Well No. 4W/1W-7

JUL 15 1982

State Permit No. 6-9812

WATER RESOURCES DEPT.
SALEM, OREGON

(1) OWNER:

Name Mc Naulty Water Assn
Address P.O. Box 177
City St Helens State ORE

(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
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

10" Diam. from 1 ft. to 9.7 ft. Gauge 2.50
" Diam. from ft. to ft. Gauge

(6) LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(7) 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.

(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?
Yard: gal./min. with ft. drawdown after hrs.
" " " " " "
Air test 450 gal./min. with drill stem at 350 ft. 3 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(10) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Cement + 5% Bentonite
Well sealed from land surface to 9.7 ft.
Diameter of well bore to bottom of seal 1.4 in.
Diameter of well bore below seal 1.0 in.
Number of sacks of cement used in well seal 9.5 sacks
How was cement grout placed? pumped

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) LOCATION OF WELL:

County Columbia Driller's well number
1/4 Section 7 T. 4N R. 1W W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: Rt 4 Box 4272
St Helens, ORE

(12) WATER LEVEL: Completed well.

Depth at which water was first found 90 ft.
Static level 56 ft. below land surface. Date 7-9-82
Artesian pressure lbs. per square inch. Date

(13) WELL LOG:

Diameter of well below casing 10
Depth drilled 410 ft. Depth of completed well 410 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
Fill material	0	2	
Top Soil	2	4	
BAN CLAY	4	8	
Blue CLAY	8	14	
BAN CLAY	14	23	
Blue CLAY	23	41	
GREY CLAY	41	67	
BAN CLAY	67	80	
GRAVEL	80	91	
BAN Rock	91	95	
BIR Rock	95	157	
BAN Porous Rock	157	164	
BIR Rock	164	205	
GREY Rock	205	211	
BIR Rock	211	230	
BIR/BAN Porous Rock	230	231	
BIR Rock	231	238	
BIR Porous Rock	238	349	
GREY Rock	349	397	
BIR Porous Rock	397	401	
GREY Rock	401	404	

Work started BIR Porous Rock 7-1 19 82 Completed 404 410 7-9 1982
Date well drilling machine moved off of well 7-8 1982

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] Don Feakin Date 7-13, 1982
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1217

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 TURNER DRILLING Co INC (Type or print)
(Person, firm or corporation)
Address Rt 1 Box 522 Portland ORE

[Signed] Don Feakin (Water Well Contractor)

Contractor's License No. 715 Date 7-13, 1982