

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

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

State Well No.

NOV 30 1977

State Permit No.

WATER RESOURCES DEPT.

(1) OWNER:

Name Charles M. McDowell

Address Silver Lake 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 ☒ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒

14" Diam. from 0 ft. to 26 ft. Gage 3/8
" 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.

" Air Blow " " " "
" 1000 " 20 " 6 "

Ball test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 56 Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used Cement + Bentonite

Well sealed from land surface to 26 ft.

Diameter of well bore to bottom of seal 18 in.

Diameter of well bore below seal 14 in.

Number of sacks of cement used in well seal 8 sacks

Number of sacks of bentonite used in well seal 2 sacks

Brand name of bentonite Byarid

Number of pounds of bentonite per 100 gallons
of water 500 lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs 1 1/2 in. Bell 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 Lake Driller's well number

SW 1/4 NE 1/4 Section 17 T. 29 S. R. 16 E. W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 64 ft.

Static level 22.8 ft. below land surface. Date 11-25-77

Artesian pressure No lbs. per square inch. Date

(12) WELL LOG: 14 in. To 80 ft. 11 in. To 168 ft. 6 in. To 192 ft.
Diameter of well below casing

Depth drilled 192 ft. Depth of completed well 192 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	0	2	
Hard Broken Grey Rock	2	15	
Hard Solid Grey Lava	15	64	64
Coarse Red sanders	64	68	
Hard Grey Lava	68	110	
Red Broken Lava Rock	110	115	
Broken Hard Grey Lava	115	132	
Hard Solid Grey Lava	132	156	
Grey Broken Lava	156	180	
Solid Grey Lava	180	192	

Work started 8-28-77 Completed 11-26-77

Date well drilling machine moved off of well 11-26-77

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] Silas Blaylock Date 11-27-77
(Drilling Machine Operator)

Drilling Machine Operator's License No. 383

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 Silas Blaylock
(Person, firm or corporation) (Type or print)

Address Box 2 Silver Lake Ore.

[Signed] Silas Blaylock
(Water Well Contractor)

Contractor's License No. 425 Date 11-27-77