

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.

SHERMAN WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

DEC 3 1973

STATE ENGINEER
SALEM, OREGON

State Well No.

State Permit No.

25/16E-26

G-7608

(1) OWNER:

Name Bill Rolfe
Address Grass Valley 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 ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

6" Diam. from 0 ft. to 20 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) 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: 30 gal./min. with 400 ft. drawdown after 2 hrs.
Air first " "

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

Artesian flow g.p.m.

Temperature of water 50 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Bentonite
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 2 TOPSEAL sacks
Number of sacks of bentonite used in well seal 5 sacks
Brand name of bentonite QUICK GEL
Number of pounds of bentonite per 100 gallons
of water 50 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 Sherman Driller's well number 412
NE 1/4 SW 1/4 Section 26 T. 28 R. 16E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 132 ft.
Static level 200 ft. below land surface. Date 10/19/73
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 600 ft. Depth of completed well 600 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
SOIL - LT BROWN SAND	0	2	
SAND-GRAVEL-BOULDERS	2	12	
BASALT-BLACK FRACTURE	12	14	
BASALT BLACK POROUS	14	33	
BASALT BLACK FRACT	33	52	
BASALT BLACK HARD	52	80	
BASALT BLACK WEATHERED	80	84	
BASALT BLACK HARD	84	132	
BASALT BLACK FRACT	132	150	
WATER BEARING 15 GPM	132	150	
BASALT BLACK HARD	150	193	
BASALT COLUANA WITH			200
QUARTZ-JASPER CONCENT-			
RATIONS & WEATHERED	193	600	

Work started 10-18 1973 Completed 10-25 1973

Date well drilling machine moved off of well 10-25 1973

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] Joe McKnight Date 11/18, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 323

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 Joe McKnight (Person, firm or corporation) (Type or print)

Address 421 - SW 6th Ave Portland

[Signed] Swift Water Well Drilling Inc
(Water Well Contractor)

Contractor's License No. 576 Date 11/18, 1973