

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

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

State Well No.

State Permit No.

WATER RESOURCES DEPT.
SALEM, OREGON

DEC 20 1976

235/32 1/2 F-3 d

(1) OWNER:

Name **HARVEY & MARION ARNOLD**

Address **255 SOUTH FENTON**

LAKEWOOD, COLO.

(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 ☒
16" Diam. from +1 ft. to 332 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used **FACTORY SAW**

Size of perforations 3 in. by 1/8 in.
6480 perforations from 61 ft. to 332 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? **W.W.W.**
Yield: 447 gal./min. with 132 ft. drawdown after 11 hrs.
" " " " " " " " " " " "

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

Artesian flow **NO** g.p.m.

Temperature of water 63 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used **CEMENT GROUT**
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well bore below seal 24 in.
Number of sacks of cement used in well seal 21 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? **GOOD** depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18 ft. to 332 ft.

(10) LOCATION OF WELL:

County **HARNEY**

Driller's well number

1/4 SE 1/4 Section 3 T.23S R.32E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 75 ft.

Static level 12 ft. below land surface. Date 12/10/76

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled 332 ft. Depth of completed well 332 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, BROWN	0	12	
CLAY, GREEN	12	30	
CLAY, BROWN & BLACK	30	72	
CLAY, GRAY	72	75	
SHALE, SMALL GRAVEL	87	82	
SHALE, BLUE	82	86	
PUMIS & SMALL GRAVEL	86	92	
SHALE, BLUE	92	95	
PUMIS & SMALL GRAVEL	95	112	
SANDSTONE, GREEN	112	155	
ROCK, BLACK	155	159	
SHALE, SANDSTONE LAYERS	159	227	
CLAYSTONE, GREEN	227	262	
CLAYSTONE, TRACES OF PUMIS	262	329	
PUMIS	329	331	
SHALE, GREEN & HARD	331	332	

Work started 11/29 1976 Completed 12/4/1976

Date well drilling machine moved off of well 12/4 1976

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] *Burdell P. Hauer* Dated Dec 22, 1976
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

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 *Western Drilling Co.*
(Person, firm or corporation) (Type or print)

Address *Box 251*

[Signed] *John W. McAllister*
(Water Well Contractor)

Contractor's License No. 426 Date 12-23, 1976