

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

RECEIVED

STATE OF OREGON
(Please type or print)

DEC 1 1978 Do not write above this line)

State Well No. 8s/38E-166

State Permit No.

WATER RESOURCES DEPT.

(1) OWNER: SALEM, OREGON

Name J. H. Jacobson

Address Heines, 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 ☒ Cable ☐ Dug ☐

Driven ☐ Jetted ☐ Bored ☐

(4) PROPOSED USE (check):

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

CASING INSTALLED:

Threaded ☐ Welded ☒

0" Diam. from 12 ft. to 340 ft. Gage 1250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Factory Mill

Size of perforations 1/8 in. by 3 in.
4600 perforations from 100 ft. to 340 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: 270 gal./min. with 300 ft. drawdown after 2 hrs.

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

Artesian flow g.p.m.

Temperature of water 51 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement Grout

Well sealed from land surface to 25 ft.

Diameter of well bore to bottom of seal 15 in.

Diameter of well bore below seal 15 in.

Number of sacks of cement used in well seal 35 sacks

How was cement grout placed?

Pump thru pipe

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 3/4 minis

Gravel placed from 25 ft. to 340 ft.

(10) LOCATION OF WELL:

County Baker Driller's well number

NW 1/4 NW 1/4 Section 1 T. 8S R. 38E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft.

Static level 20 ft. below land surface. Date 11-6-78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 520 ft. Depth of completed well 340 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	1 1/2	
Rocky fine sand			
Fine sand - med gravel			
Medium to small boulders	1 1/2	16	
Sandy clay br with medium gravel	16	29	
Coarse granite with hard streaks	29	241	20
Granite sand fine	241	280	
Coarse granite with hard streaks	280	339	
Granite sand medium	339	520	20

Work started 10-4 1978 Completed 11-5 1978

Date well drilling machine moved off of well 11-6 1978

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] Ernest Johnson Date 11-15, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 604

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 Ube Drilling, Inc.
(Person, firm or corporation) (Type or print)

Address Haystack, Oregon

[Signed] Bond J. J. (Water Well Contractor)

Contractor's License No. 382 Date 11-27, 1978