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OCT 27 1961

STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON

UMAT
647

State Well No. 2N/32-22J

State Permit No.

File Original and
First Copy with the
STATE ENGINEER,
SALEM, OREGON

(1) OWNER:

Name Robert A. & Mary E. Helfrecht

Address 1008 S.W. Fraser
Pendleton, Oregon

(2) LOCATION OF WELL:

County Umatilla Owner's number, if any—

1/4 1/4 Section 6.77A. T. 2N R. 32E W.M.

Bearing and distance from section or subdivision corner

900' WEST OF EAST 1/4 COR.
SOUTH
SECTION 22

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

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

(5) TYPE OF WELL:

Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:

8" Diam. from 0 ft. to 18 ft. Gage 317
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(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.		
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.

Slot size Set from ft. to ft.

(9) CONSTRUCTION:

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

Gravel placed from ft. to ft.

Was a surface seal provided? ☐ Yes ☐ No To what depth? ft.

Material used in seal—

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? Depth of strata

Method of sealing strata off

(10) WATER LEVELS:

Static level 295 ft. below land surface Date Oct 18

Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] R.A. Helfrecht Date Oct. 20, 1961
(Owner)

(11) 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.

" " " "

" " " "

Bailer test 15 gal./min. with 8 ft. drawdown after 1 hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG:

Diameter of well 3 inches.

Depth drilled 313 ft. Depth of completed well 313 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Soil	0	5
Cement Gravel	5	9
Rock hard, gray	9	23
Boulders	23	37
Rock, black	37	41
Rock, red	41	46
Rock hard, gray	46	103
Rock soft, brown	103	112
Red clay	112	120
Rock soft, brown	120	140
Rock hard, black	140	166
Rock medium, red	166	184
Boulders & sand	184	194
Rock hard, black	194	198
Rock medium, red	198	220
Rock hard, black	220	231
Rock medium, red	231	239
Rock hard, black	239	245
Rock, gray	245	281
Boulders & sand	281	297
Rock, black	297	302
Rock soft, red and water	302	313

Work started Aug 29, 1961 Completed Oct 18 1961

(13) PUMP:

Manufacturer's Name

Type: H.P.

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME John Hershey Drilling Contractor
(Person, firm, or corporation) (Type or print)

Address Rt. 1, Box 252-1A, Hermiston, Oregon

Driller's well number

[Signed] John Hershey
(Well Driller)

License No. 315 Date Oct 19, 1961