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STATE ENGINEER,
SALEM, OREGON

STATE ENGINEER WATER WELL REPORT
SALEM, OREGON STATE OF OREGON

State Well No. 2334-226
State Permit No. 742
Harn

(1) OWNER:

Name HOWARD MILLER Bros.
Address STATE OREGON
Lawen

(2) LOCATION OF WELL:

County HARNEY Owner's number, if any—
SW 1/4 NE 1/4 Section 32 T. 23 R. 34 E. W. M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

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

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Rotary ☐ Driven ☐
Irrigation ☒ Test Well ☐ Other ☐ Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED:

Threaded ☐ Welded ☐
"12" Diam. from 0 ft. to 70 1/2 ft. Gage #4 weld
" 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.
perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed ☐ Yes ☒ No
Manufacturer's Name _____ Model No. _____
Type _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ 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 Artesian below land surface Date 3-31-61
Artesian pressure _____ lbs. per square inch Date 3-31-61

Log Accepted by:

[Signed] Miller Bros. Date Apr. 5, 1961
by Howard H. Miller (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? DRILLER
Yield: 225 gal./min. with 80 ft. drawdown after 24 hrs.
" " " "

Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow 18 APM g.p.m. Date 3-31-61
Temperature of water 64 Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:

Diameter of well 12 inches.
Depth drilled 328 ft. Depth of completed well 328 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
SANDY SOIL & FINE CLAY	0	10
MEDIUM GRAVEL	10	14
BOULDERS	14	15
MEDIUM GRAVEL	15	16
BOULDERS & COARSE GRAV	16	22
LAVA ROCK	22	38
MEDIUM CLAY & FINE GRAV	38	60
FINE CLAY (WATER)	60	70
LAVA ROCK	70	80
MEDIUM CLAY & GRAVEL	80	120
COURSE CLAY (BLUE)	120	135
BLACK LAVA ROCK	135	150
COURSE CLAY (BLUE)	150	175
BROWN MEDIUM CLAY	175	210
150' STARTED TO FLOW		
FINE SAND (SANDSTONE)	210	225
RED LAVA ROCK	225	235
GREY LAVA ROCK	235	240
CLAY ROCK (YELLOW)	240	258
RED CYLINDER ROCK	258	263
HARD RED ROCK	263	275
BROWN CLAY ROCK	275	280
BLACK HARD ROCK	280	305
FINE GRAVEL & CLAY	305	310
GREY BASALT	310	328

Work started 1-3- 1961. Completed 3-20 1961

(13) PUMP:

Manufacturer's Name Western
Type: Turbine H.P. 7 1/2

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 W. Rossberg (Person, firm, or corporation) (Type or print)
Address P.O. Box 443 Burns, Ore
Driller's well number _____
[Signed] John W. Rossberg (Well Driller)
License No. 272 Date 3-31-61, 1961