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STATE OF OREGON

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003537

WATER RESOURCES DEPT.

SALEM, OREGON

WASCO

State Well No.

3816E-33aa

State Permit No.

(1) OWNER:

Name FRED BUETHER

Address RT. 1 - Bx. 54  
GRASS VALLEY, ORE. 97029

(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 ☐  
Aug ☐ Bored ☐

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded ☐ Welded ☐  
8" Diam. from +1 ft. to 21 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?

Well: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
" " " " " "  
" " " " " "

Bailer test 10 gal./min. with 0 ft. drawdown after 1 hrs.

Artesian flow \_\_\_\_\_ g.p.m.

Temperature of water 56 Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT  
Well sealed from land surface to 21 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 5 sacks  
How was cement grout placed? Poured down

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 WASCO Driller's well number \_\_\_\_\_  
N.E. 1/4 N.E. 1/4 Section 33 T. 35 R. 16E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 425 ft.  
Static level 337 ft. below land surface. Date 4-3-78  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 458 ft. Depth of completed well 458 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 |
|-------------------------|------|-----|-----|
| SANDSTONE CONGL.        | 0    | 3   |     |
| LAUA                    | 3    | 75  |     |
| SANDSTONE CONGL.        | 75   | 90  |     |
| LAUA (BLACK & HARD)     | 90   | 260 |     |
| BROKEN LAUA             | 260  | 272 |     |
| LAUA                    | 272  | 325 |     |
| BROKEN LAUA             | 325  | 335 |     |
| LAUA                    | 335  | 338 |     |
| BROKEN LAUA             | 338  | 358 |     |
| LAUA                    | 358  | 425 |     |
| WATER-BEARING SANDSTONE | 425  | 450 |     |
| LAUA                    | 450  | 460 |     |

Work started 3-31 1978 Completed 4-3 1978

Date well drilling machine moved off of well 4-3 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] William D. Allen Date 4-7, 1978  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 800B

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 ORVILLE BUCKNER (Type or print)  
(Person, firm or corporation)  
Address 1186 N.E. NEGUS RD., REDMOND, ORE. 97156

[Signed] Orville Buckner (Water Well Contractor)

Contractor's License No. 608 Date 4-7, 1978