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KLAM 13538

STATE ENGINEER WATER WELL REPORT
SALEM, OREGON STATE OF OREGON

State Well No. 39/12-16L

State Permit No.

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

(1) OWNER: Name Harold Williams
Address Bonanza Dr.

(2) LOCATION OF WELL: County 17 Tanath Owner's number, if any— 1
S 1/4 E 1/4 Section 16 T. 39 R. 12 E W.M.
Bearing and distance from section or subdivision corner
about 500 ft

(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: Threaded Welded
12" Diam. from 0 ft. to 272 ft. Gage 250
" 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. _____
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? 40 ft.
Material used in seal— Cement
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS: Static level 72 ft. below land surface Date April 10
Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by: _____
[Signed] _____ Date _____, 19____
(Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level interstate
Was a pump test made? Yes No If yes, by whom? 12077P
Yield: 1500 gal./min. with 49 ft. drawdown after 4 hrs.
" 2100 " 63 " 4 "
" " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. Date _____
Temperature of water 53 Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well 12 inches.
Depth drilled 730 ft. Depth of completed well 730 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 |
|-------------------------|------|-----|
| top soil | 0 | 4 |
| chalk | 4 | 100 |
| Black sandstone | 100 | 180 |
| chalk | 180 | 230 |
| dry sand | 230 | 240 |
| chalk | 240 | 275 |
| Lava Rock | 275 | 335 |
| sandstone | 335 | 341 |
| Lava Rock | 341 | 562 |
| red lava rock | 562 | 675 |
| broken lava | 675 | 708 |
| red indurated lava rock | 708 | 730 |

water was encountered in small flows off sides and broken lava

Work started Feb 1961. Completed April 10 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 W.L. Hartley & Son
(Person, firm, or corporation) (Type or print)
Address Bonanza Oregon
Driller's well number _____
[Signed] Robert F. Hartley
(Well Driller)
License No. 164 Date April 10, 1961