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WATER RESOURCES DEPT
SELEM, OREGON

KLAM 13462

39 1/2 E - 10 NW
NE

Log of well for L.J. Horton Ranch Yonna Valley.

App. # 4-246

Permit U-22

Klamath County Oregon. Oct. 1954-Mar. 1955

- 0 ft. to 7 ft. -- Top soil
- 7 ft. to 18 ft. - Hardpan and yellow shale
- 18 ft. to 465 ft. -- Blue shale with trace of sand at 140 ft.,
a trace of punny sand at 170 ft. a trace
of sand at 440 ft.
- 465 ft. to 480 ft. - sandstone
- 480 ft. to 532 ft. - Blue shale
- 532 ft. to 542 ft. -- Volcanic Gravel
- 542 ft. to 547 ft. -- Blue shale
- 547 ft. to 570 ft. -- Lava (very dense)
- 570 ft. to 735 ft. -- Basalt Rock
- 735 ft. to 763 ft. -- Burnt Lava Flow

Well drilled to 570 ft. with 20 inch bit. to 700 ft. with
18" bit and finished with 16" bit.

Well is cased with 27 ft. of 20" O.D. casing.

Drilled by Ken Hartley

Route 7
Box -----

Merrill, Hwy., Klamath Falls, Ore.

The log^{on} 6" test well to 600 ft. same as log of
well above. Arterian flow at this depth about 1" pipe
full 2 ft. above ground level.
Arterian flow. official test on draw down 51 ft. delivered
4620 gallons per. minute.
3000 gallons per. min. 35 foot draw down J.H.

KLAM 13462



STATE OF OREGON
STATE ENGINEER
WATER RESOURCES DEPARTMENT
SALEM

REFER TO FILE NO. U-246

Permit U-220

February 13, 1957

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WATER RESOURCES DEPT
SALEM, OREGON

L. J. and Anne S. Horton
Route 2, Box 798
Klamath Falls, Oregon

Dear Sir and Madam:

In reviewing our available geologic and hydrologic information for the Yonna Valley area of Klamath County, we have noted that we are lacking well logs for your 6-inch test well and 20-inch irrigation well No. 1 covered by Permit U-220. The logs of your 600-ft. test well and your 763 ft. irrigation well will aid us in obtaining an understanding of the geology of the Yonna Valley area.

We would appreciate your sending us the logs of these two wells, or your contacting your well driller so that he may furnish us with this information. For your convenience, we are enclosing two well record report forms. Only the white and blue copies should be filed with this office.

Very truly yours,

LEWIS A. STANLEY
State Engineer

By *Jack E. Sceva*
Jack E. Sceva
Geologist

*650 20
20
670
20
63*

*16*³ JES:lac
Encl. 2

April 30th 1980.

I do not remember of sending you a log of this well but hope this might of some future use to the State water resources.

L. J. Norton