

STATE ENGINEER
Salem, Oregon

CLAC
012907

Well Record

STATE WELL NO. 4/1-4N
COUNTY CLACKAMAS
APPLICATION NO. GR-2959

OWNER: John I. Gale

MAILING ADDRESS: Rt. 3, Box 64

LOCATION OF WELL: Owner's No. _____

CITY AND STATE: Canby, Oregon

SW 1/4 SW 1/4 Sec. 4 T. 4 ~~N.~~ S. R. 1 ~~W.~~ E., W.M.

Bearing and distance from section or subdivision
corner 13 ch. E. and 3 ch. N.

Section _____

Altitude at well _____

TYPE OF WELL: dug Date Constructed 1944

Depth drilled 10 Depth cased 10

CASING RECORD:

48-inch

FINISH:

AQUIFERS:

silt and gravel

WATER LEVEL:

6-feet

PUMPING EQUIPMENT: Type Wyss Centrifugal H.P. 3
Capacity 100 G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F., 19 _____

SOURCE OF INFORMATION GR-2776

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log X Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

Silt 4'
Gravel 10'

Chw

Chris Wheeler

GROUND WATER BRANCH
Box 3087
Portland, Oregon 97208

April 13, 1965

Mr. Ashley Greene
Ashley Building
3-189 Molalla Road
Oregon City, Oregon

RECEIVED
APR 14 1965
STATE ENGINEER
GREGG C. OLSON

Dear Mr. Greene:

Reference is made to your letter of April 8, 1965, requesting information on ground-water levels near the John I. Gale farm, and for comments regarding the possibility of contamination of ground and surface water in that area from a proposed sanitary land-fill refuse dump.

I have enclosed a copy of ground-water-level records, collected in cooperation with the Oregon State Engineer, at a well in the SW 1/4 sec. 4, T. 4 S., R. 1 E. (owned by John W. Beck).

Mr. Beck's property is the nearest place to Mr. Gale's farm, for which we have periodic ground-water-level records. The Beck well is on a terrace about 60 feet higher than the flood plain of the Molalla River, and about three-fourths of a mile back from the river. Consequently, the water table is at a higher altitude beneath the Beck property than it is beneath the Gale property, which I assume is partly on the Molalla River flood plain. The water table is probably only a few feet below the land surface on the lower end of Mr. Gale's farm.

Drillers' records of wells indicate that the proposed sanitary land-fill site and Mr. Gale's farm are underlain by layers of relatively permeable sand and gravel which readily transmit water. Under such conditions, there is ample opportunity for minerals and other materials that are dissolved from refuse incorporated in a sanitary land fill to percolate to the ground-water body. If the water table rises during part of the year and intersects a sanitary land fill, solution of materials in the fill takes place at a rapid rate.

I suggest that you contact the Oregon State Engineer, who has the responsibility of managing the State's water resources, and who should be informed of possible ground-water contamination. You should also contact the Oregon State Sanitary Authority, who is also vitally interested in such matters.

Sincerely yours,

cc: Chris Wheeler, Oreg. State Engineer, ✓
Salem, Oreg. Don Price
Geologist
Jack Weathersbee, Oreg. Sanitarian,
Oreg. Sanitation Board, State Board of Health,
Portland, Oreg.