

MAR 15 1964

OBSERVATION WELL

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

APR 28 1964 WATER WELL REPORT

State Well No. 9/1-3E(1)

STATE ENGINEER, SALEM 10, OREGON STATE ENGINEER (Please type or print)

State Permit No.

(1) OWNER:

Name Etzel Bros. Address Rt. 1 Box 300 Stayton, Ore.

(2) LOCATION OF WELL:

County Marion Driller's well number 9/1-3E 1/4 Section T. R. W.M. Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well [x] Deepening [ ] Reconditioning [ ] Abandon [ ] If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [x] Test Well [ ] Other [ ]

(5) TYPE OF WELL:

Rotary [ ] Driven [ ] Cable [x] Jetted [ ] Dug [ ] Bored [ ]

(6) CASING INSTALLED:

10 3/4" Diam. from 140 ft. to 60 ft. Gage 250 Threaded [ ] Welded [x]

(7) PERFORATIONS:

Perforated? [ ] Yes [x] No Type of perforator used Size of perforations in. by in. perforations from ft. to ft.

(8) SCREENS:

Well screen installed? [ ] Yes [x] No Manufacturer's Name Model No. Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Cement Depth of seal 60 ft. Was a packer used? Yes Diameter of well bore to bottom of seal 13 in. Were any loose strata cemented off? [ ] Yes [x] No Depth Was a drive shoe used? [x] Yes [ ] No Was well gravel packed? [ ] Yes [x] No Size of gravel: Gravel placed from ft. to ft. Did any strata contain unusable water? [ ] Yes [ ] No Type of water? Depth of strata Method of sealing strata off

(10) WATER LEVELS:

Static level 61 ft. below land surface Date 4-24-64 Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [x] Yes [ ] No If yes, by whom? Stettler Yield: 325 gal./min. with 232 ft. drawdown after 3 1/2 hrs. 300 214 3/4 250 166 1/4 Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Date Temperature of water Was a chemical analysis made? [ ] Yes [ ] No

(12) WELL LOG:

Diameter of well below casing 10 Depth drilled 400 ft. Depth of completed well 400 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.

Table with columns MATERIAL, FROM, TO. Rows include Clay (red), Clay (yellow), Tuffs (gray), Basalt (fresh), Basalt with volcanic ash, old land surface, Basalt (fresh), Old land surface, Basalt (fresh), Buckshot gravel & sand cemented in volcanic ash, Clay (brown).

Water table dropped from 25 ft to 55ft when hole was 225 ft deep.

Work started 2-20-64 19 Completed 4-22 1964 Date well drilling machine moved off of well 4-27-64 19

(13) PUMP:

Manufacturer's Name Type: H.P.

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 Harry A. Robinson (Person, firm or corporation) (Type or print)

Address 221 1/2 Front St. NE Salem, Ore.

Drilling Machine Operator's License No. 63

[Signed] Harry A. Robinson (Water Well Contractor)

Contractor's License No. 22 Date 4-27-64 19