

OBSERVATION WELL

RECEIVED

APR 29 1963

WATER WELL REPORT

NOTICE TO WATER WELL CONTRACTOR

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

STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion.

STATE OF OREGON (Please type or print)

1793 Harney G-4160

State Well No. 39/35-4N

State Permit No.

(1) OWNER: Name Warren McLean Address Andrews, Oregon

(2) LOCATION OF WELL: County Harney Driller's well number 17 SW 1/4 SW 1/4 Section 4 T. 39S R. 35E W.M. Bearing and distance from section or subdivision corner 600 ft east of the S W corner, 75 ft north of south section line

(3) TYPE OF WORK (check): Well [x] Deepening [ ] Reconditioning [ ] Abandon [ ]

(4) PROPOSED USE (check): Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [x] Test Well [ ] Other [ ] (5) TYPE OF WELL: Rotary [x] Driven [ ] Cable [ ] Jetted [ ] Dug [ ] Bored [ ]

(6) CASING INSTALLED: Threaded [ ] Welded [x] 14" Diam. from 0 ft. to 370 ft. Gage 1/4"

(7) PERFORATIONS: Perforated? [x] Yes [ ] No Type of perforator used Mill cut Size of perforations 1/8 in. by 4 in. 5200 perforations from 100 ft. to 360 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 Bentonite Depth of seal 19 ft. Was a packer used? no Diameter of well bore to bottom of seal 30 in. Were any loose strata cemented off? [ ] Yes [x] No Depth Was a drive shoe used? [ ] Yes [x] No Was well gravel packed? [x] Yes [ ] No Size of gravel: 3/4 minus Gravel placed from 0 ft. to 370 ft. Did any strata contain unusable water? [ ] Yes [x] No Type of water? soft Depth of strata Method of sealing strata off

(10) WATER LEVELS: Static level 39 ft. below land surface Date 3/28/63 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 Worthington Yield: 1760 gal./min. with 54 ft. drawdown after 10 hrs.

(12) WELL LOG: Diameter of well below casing Depth drilled 370 ft. Depth of completed well 370 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 brown, gravel fine, clay brown, gravel medium, clay brown, gravel course, clay brown, gravel medium, br clay, gravel course, br clay, gravel medium, clay brown, gravel medium, br clay, clay brown, sand fine black, gravel course, clay brown hard, gravel course, med, clay brown.

a 30" x 3/8" X 19' conductor casing installed at top sealed in clay with bentonite, balance 24" hole 14" casing sealed at bottom, bottom 10' blank casing 260' perforated, Gravel packed Work started Mar 15 19 93 Completed Mar 28 19 63 Date well drilling machine moved off of well Mar 28 19 63

(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 McGuire Drilling Co. Address Box 909 Burns, Oregon Drilling Machine Operator's License No. 81 [Signed] J. L. McGuire (Water Well Contractor) Contractor's License No. 383 Date 3/30, 1963.