

NOTICE TO WATER WELL CONTRACTOR

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

RECEIVED JUL 28 1969 STATE ENGINEER SALEM OREGON

WATER WELL REPORT

STATE OF OREGON

Please type or print

(Do not write above this line)

State Well No. 14/13-31 da

State Permit No.

DESU 2620

(1) OWNER:

Name H. Helmholtz Address 838 W. Glacier Redmond Ore

(2) TYPE OF WORK (check):

New Well [x] Deepening [] Reconditioning [] Abandon []

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

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

CASING INSTALLED:

16" Diam. from 0 ft. to 20 ft. Gage 2250 19" Diam. from 105 ft. to 225 ft. Gage 1188

PERFORATIONS:

Perforated? [x] Yes [] No.

Type of perforator used Pre Perforated - SAW Size of perforations in. by in. 2700 perforations from 125 ft. to 228 ft.

(7) SCREENS:

Well screen installed? [] Yes [x] No

Manufacturer's Name Type Model No. Diam. Slot size Set from ft. to ft.

(8) WATER LEVEL: Completed well.

Static level 105 ft. below land surface Date 6-26-69 Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [] Yes [x] No If yes, by whom? Field: gal./min. with ft. drawdown after hrs. Bailer test 50 gal./min. with 0 ft. drawdown after 4 hrs. Temperature of water 52 Was a chemical analysis made? [] Yes [] No

(10) CONSTRUCTION:

Well seal-Material used CEMENT Depth of seal 20 ft. Diameter of well bore to bottom of seal 18 in. Were any loose strata cemented off? [] Yes [x] No Depth Was a drive shoe used? [] Yes [x] No Did any strata contain unusable water? [] Yes [x] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [] Yes [x] No Size of gravel: Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County Deschutes Driller's well number 9 NE 1/4 SE 1/4 Section 31 T. 14 R. 13 W.M. Bearing and distance from section or subdivision corner

100 ft SE from NW corner

(12) WELL LOG:

Diameter of well below casing 16"

Depth drilled 225 ft. Depth of completed well 225 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

Table with columns: MATERIAL, From, To, SWL. Rows include: OVERBURDEN (0-7), MILD GRAY LAVA (7-45), BROWN CONGLOMERATE (45-57), SANDSTONE (57-105), BROWN WATER BEARING SAND (105-220), MILD BROWN ROCK (220-225).

Work started 5-7 19 69 Completed 6-26 19 69 Date well drilling machine moved off of well 6-26 19 69

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Ray Hanna Date 7/24, 19.69 (Drilling Machine Operator)

Drilling Machine Operator's License No. 555

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 TRUSSELL WELL DRILLING (Person, firm or corporation) (Type or print)

Address RT 2 BOX 1215 BEND

[Signed] James C. Trussell (Water Well Contractor)

Contractor's License No. 466 Date 7-24, 19.69