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RECEIVED WELL LOG - DEEPENING

NOTICE TO WATER WELL CONTRACTOR: The original and first copy of this report are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion. STATE OF OREGON WATER RESOURCES DEPT. SALEM, OREGON

UMAT 1291

State Well No. 3N/29E-12 BB State Permit No.

(1) OWNER:

Name: IVAN & VERNON COOK Address: ECHO, OR.

(2) TYPE OF WORK (check):

New Well [ ] Deepening [X] Reconditioning [ ] Abandon [ ]

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded [ ] Welded [ ] Diam. from ... ft. to ... ft. Gage ...

(6) PERFORATIONS:

Type of perforator used Size of perforations in. by in. perforations from ... ft. to ... ft.

(7) SCREENS:

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

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [ ] Yes [ ] No Yield: gal./min. with ft. drawdown after hrs. Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Temperature of water Depth artesian flow encountered ... ft.

(9) CONSTRUCTION:

Well seal—Material used Well sealed from land surface to ... ft. Diameter of well bore to bottom of seal ... in. Diameter of well bore below seal ... in. Number of sacks of cement used in well seal ... sacks How was cement grout placed? Was a drive shoe used? [ ] Yes [ ] No Plugs ... Size: location ... ft. Did any strata contain unusable water? [ ] Yes [ ] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [ ] Yes [ ] No Size of gravel: Gravel placed from ... ft. to ... ft.

(10) LOCATION OF WELL:

County: UMATILLA Driller's well number: 010-78 NW 1/4 NW 1/4 Section 12 T. 3N R. 29 E. W.M. Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found ... ft. Static level 51.3 ft. below land surface. Date 7-10-78 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 16" to 6 1/2" Depth drilled 1281 ft. Depth of completed well 1281 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 and indicate principal water-bearing strata.

Table with columns: MATERIAL, From, To, SWL. Entries include: 16" to 6 1/2" ft., 10" from 6 1/2" to 1126, 8" from 1126 to 1281 ft., HARD GREY BASALT 1126-1183, MED. BROKEN 1183-1209, MED. GREY 1209-1256, BROKEN 1256-1273, HARD GREY 1273-1281.

Work started 6-13 1978 Completed 6-18 1978 Date well drilling machine moved off of well 6-18 1978

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] Date 7-24, 1978 (Drilling Machine Operator) License No. 886

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: WALLACE WELL DRILLING CO. (Person, firm or corporation) (Type or print) Address: PENNINGTON, OR. 97801 [Signed] (Water Well Contractor) Contractor's License No. 583 Date 7-24, 1978