

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

APR 10 1981 UMAT 6181

State Well No. 60N/34E-21a State Permit No.

UMAT 6181

(1) OWNER: Name T. O. Williams & Assoc., Inc.

Address 1217 Country Club Rd. Walla Walla, Wa, 99362

(2) TYPE OF WORK (check): New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]

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

(5) CASING INSTALLED: 12" Diam. from 0 ft. to 280 ft. Gage 1/4"

(6) PERFORATIONS: Type of perforator used pre-perforated casing Size of perforations 3 in. by 1/8 in. 6240 perforations from 20 ft. to 280 ft.

(7) SCREENS: Well screen installed? [ ] Yes [X] No Manufacturer's Name Type Model No. Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Was a pump test made? [X] Yes [ ] No If yes, by whom? owner Yield: 550 gal./min. with 201 ft. drawdown after 7 hrs.

(9) CONSTRUCTION: Well seal—Material used Bentonite and cement Well sealed from land surface to 20 ft.

Was a drive shoe used? [ ] Yes [ ] No Plugs Size: location ft. Did any strata contain unusable water? [ ] Yes [X] No

(10) LOCATION OF WELL: County Umatilla Driller's well number S.E. 1/4 NE 1/4 Section 21 T. 6N R. 34E W.M.

Bearing and distance from section or subdivision corner well site Approx. 10' S and 10' W of the NE corner of SE 1/4 NE 1/4 (N.W. corner of Williams' lower 40 acres)

(11) WATER LEVEL: Completed well. Depth at which water was first found 19 ft. Static level 19 ft. below land surface. Date Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12" Depth drilled 303 ft. Depth of completed well 303 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated.

Table with columns: MATERIAL, From, To, SWL. Rows include: brown, silt loam topsoil (0-19), gray, mid-sized gravel (water) (19-21), brown clay, gravel (21-27), rock, gravel (water) (27-33), gravel and clay (33-38), gravel (water) (38-44), predominately gravel, some clay gravel (water) (44-70), predominately clay, some gravel gravel (water) (70-82), predominately clay, some gravel gravel (water) (82-121), creme-colored clay, some gravel (121-140), gravel (water) (140-152), gray clay (152-178), gravel (water) (178-181), predominately clay, some gravel (181-194), predominately gravel, some clay (194-230), rock and gravel (water) (230-250), predominately clay, some gravel (250-255), gravel (water) SEE ATTACHED PAGE 264 (255-264), 264-268

Work started May 15 19 80 Completed Sept. 15 19 80 Date well drilling machine moved off of well Aug 25 19 80

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] Tom Williams Date 3/29, 1981

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 (Person, firm or corporation) (Type or print) Address [Signed] (Water Well Contractor) Contractor's License No. Date

THOMAS O. WILLIAMS & ASSOCIATES, INCORPORATED

Well Log (cont.)

predominately clay, some gravel	268	280
brown clay	280	301
gravel	301	303

**RECEIVED**

APR 10 1981

WATER RESOURCES DEPT  
SALEM, OREGON