

ATT. Mike McCord

002594
Log #

FINAL ORDER
Oregon Water Resources Department

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

RECEIVED

Before request can be considered, the following must be answered. Requests shall be submitted to the Well Construction Specialist, Water Resources Department. Requests may also be considered by the appropriate Regional Manager. MAY 12 2000
WATER RESOURCES DEPT.
SALEM, OREGON

Date of request: 3-27-00 Oral approval date (if applicable): 3-27-00

Bonded Well Constructor (name, license #, and mailing address): Ted Pulliam

LIC # 616 9480 SE 17th and BORING OR 97009

(1) Location of Well: SE 1/4 SE 1/4 of Section 22
Township 1 N.S. Range 4 E.W. CLACK County.
Address at well site: 34826 SE Carpenter Ln
Gresham OR 97080

(2) Start Card Number(s): 099558

(3) Name and Address of Land Owner: R. & H. Nansen
SAME AS LOCATION

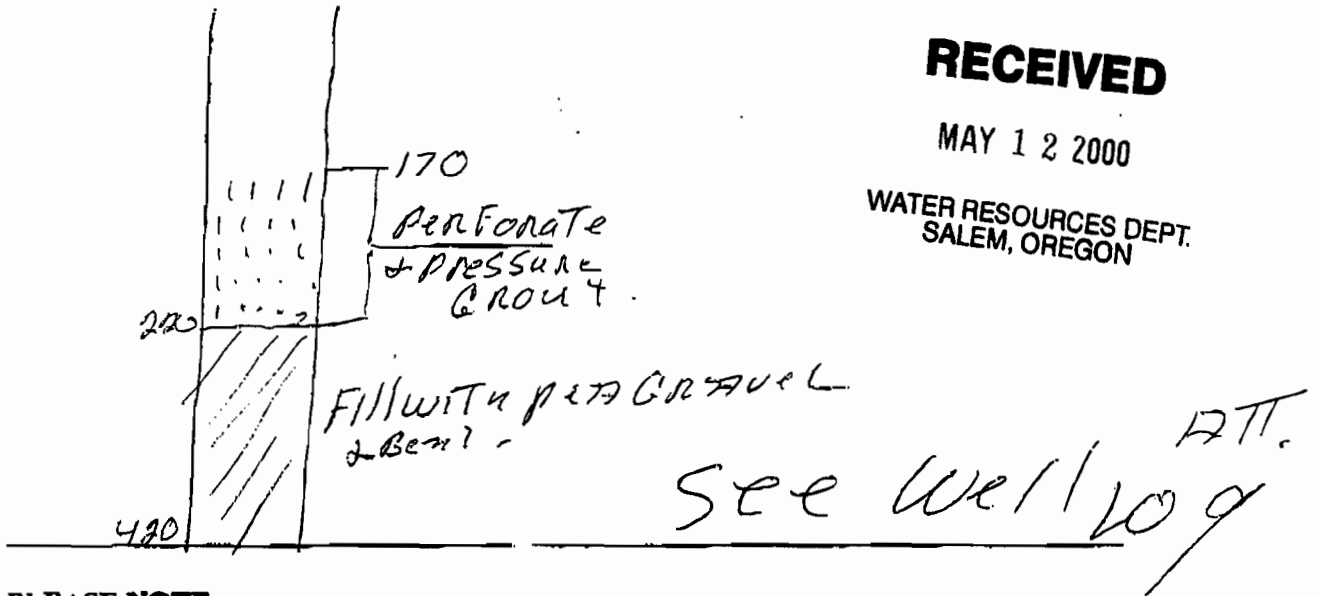
(4) Distance to the nearest well, septic tank or drainfield (if water supply well): 1000

(5) The unusual conditions which necessitate this request: BRING WELL
UP TO 2000 STANDARD'S WELL
WAS DRILLED IN 1972

(6) The proposed construction methods that the well constructor believes will be adequate for this well (attach additional pages if needed)
PERFORATE 8" WELL CASING FOR
170 FT. TO 220 FT. PRESSURE
GROUT. ~~LEFT~~ CEMENT SET UP
& THEN DRILL OUT CEMENT

WAS OT
remarks - repair

- (7) Diagram showing the pertinent features of the proposed well design and construction (attach additional pages if needed):



PLEASE NOTE:

- (1) If approved, all other phases of well construction must comply with the appropriate standards described in OAR 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing groundwater contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: *[Signature]*

For Water Resources Department Use Only

Date: 4-20-00

Approved by: *[Signature]*

Denied by: _____

Remarks: _____

FRONT

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MAY 12 2000

RECEIVED JUL 10 1972 WATER WELL REPORT STATE OF OREGON STATE ENGINEER SALEM OREGON

MULTI-RESOURCES DEPT. E-20 SALEM, OREGON State Permit No. G-5838

NOTICE TO WATER WELL CONTRACTOR: The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

(1) OWNER: Name Moller Nursery Inc Address 977 1/2 Box 535

(2) TYPE OF WORK (check): New Well X Deepening Bore conditioning Abandonment

(3) TYPE OF WELL: Rotary Cable Dug (3) (4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other

(5) CASING INSTALLED: 8" Diam. from 0 ft. to 381 ft. Gage 250 7" Diam. from 376 ft. to 420 ft. Gage 10 10" Diam. from 0 ft. to 170 ft. Gage 279

(6) PERFORATIONS: Type of perforator used Ford cutt Size of perforations 1/4 in. by 8 in. 102 perforations from 415 ft. to 420 ft. 140 perforations from 325 ft. to 370 ft.

(7) SCREENS: Well screen installed? Yes X No Manufacturer's Name Johnson Type 8241055 Model No. 2-76 Slot size 3.5 Set from 381 ft. to 420 ft. Diam. 7 1/2 Slot size 4.0 Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? Yes X No If yes, by whom? cvillen Yield: 540 gal./min. with 1 ft. drawdown after 2 hrs. 225 " 1 " 3 " 145 " 1 " 1 1/2 "

(9) CONSTRUCTION: Well seal-Material used Cement Well sealed from land surface to 170 ft. Diameter of well bore to bottom of seal 10" driven pipe Diameter of well bore below seal 10 in. Number of sacks of cement used in well seal 2 sacks Brand name of bentonite National - Baroid Number of pounds of bentonite per 100 gallons of water Mixed with drill cuttings Was a drive shoe used? Yes X No Plugs Size: location ft. Did any strata contain unflowable water? Yes X No Type of water? Mon depth of strata 40-50 Method of sealing strata off cased off

(10) LOCATION OF WELL: County Clackamas Driller's well number SW 1/4 Section 22 T. 15 R. 4E Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well. Depth at which water was first found 40 Static level 20 ft. below land surface. Date May. Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 7" SW Depth drilled 420 ft. Depth of completed well 420 Formation: Describe color, texture, grain size and structure of material and show thickness and nature of each stratum and aquifer penetrated with at least one entry for each change of formation. Report each change position of Static Water Level and indicate principal water-bearing strata

Table with columns: MATERIAL, From, To, SWL. Rows include: Top soil, red clay, cobbles cemented, cement gravel, boulders, cement gravel, hard slab, cement gravel, red clay, Voladric rock, sand stone, brown sandstone, black cement, coarse sand & few gravel, sand stone, yellow clay, heavy water bearing, 12" pipe to 50' removed.

Work started March 26 is 72 Completed May 27 19 Date well drilling machine moved off of well May 27 19

Drilling Machine Operator's Certification: This well was constructed under my direct supervisory Materials used and information reported above are true to the best knowledge and belief. [Signed] G.O. Olsen Date June 24 1997 Drilling Machine Operator's License No. 1214

Water Well Contractor's Certification: This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief. Name H.O. Olsen (Person, firm or corporation) Address 18211 SE Powell Gresham [Signed] H.O. Olsen