



Oregon

Theodore R. Kulongoski, Governor

✓ 11-9-04

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

November 8, 2004

TED PULLIAM WELL DRILLING
TED PULLIAM # 616
9480 SE 172nd
BORING OR 97009

FINAL ORDER

Dear Ted:

The Special Standard request you submitted for owner: Kelso Water Association Inc., Start Card number 162182, is approved for the following: You may abandon this well using the following method. Bentonite chips (3/4 inch) shall be placed from 374 feet bgs to 495 feet bgs and then pea gravel shall be placed from 374 feet bgs to 220 feet bgs. Cement grout that meets the requirements listed in OAR 690-210-0310 shall then be placed in the well from 220 feet bgs to land surface. The cement grout shall be placed in the well by the use of a grout pipe and pump or a bailer. The well casing to be abandoned may be severed below land surface and removed. This abandonment method was approved by Juno Pandian on 11/1/2004. Your Special Standard request form is enclosed.

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions concerning this letter, I may be contacted at (503) 986-0851, or by e-mail at Kristopher.R.Byrd@wrdd.state.or.us.

Sincerely,

Kristopher Byrd
Well Construction Program Coordinator
Enforcement Section

enclosure

cc: Ken Wilcke, NW Region Well Inspector
File

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137.004-0080 and OAR 690-01-0005 you may either petition for judicial review or petition the Director for reconsideration of this order.

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NOV 01 2004

WATER RESOURCES DEPT
SALEM, OREGON

Oregon Water Resources Department

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

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Specialist, Water Resources Department, 158 12th Street NE, Salem OR 97301. Requests may also be considered by the appropriate Regional Manager.

Date of request: 11-1-04 Oral approval date (if applicable): 11-1-04

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

#616 9480 SE. 17th Boring OR 97009

(1) Location of Well: SE 1/4 SW 1/4 of Section 3 TL 3200
Township 2S N/S, Range 4E E/W, 3200 Clack County

Address at well site: Kelso Rd. & Nicholas SW corner,
Boring

(2) Start Card Number(s)(for work to be done): Clack 5432

(3) Name and Address of Land Owner: Kelso Water Ass. Inc.

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)

Bover 100 FT

(5) The unusual site conditions which necessitate this request: well inside
of Building

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)

Ben. chips 495 - 374

Rea GRAVEL 374 - 220

Cement. 220 - TO SURFACE

W
AP

Remarks: inside Bldg

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

-
- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water 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 approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral 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: _____



In Bldg.

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JUL 26 1972

WATER WELL REPORT

CLAC

Well #1

25/4E-3CC

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 ENGINEER OF OREGON (Please type or print)

SALEM, OREGON

State Well No.

State Permit No.

05432

OWNER:

Name FAYETTE NEEDIN
 Address ROUTE 2 BOX 778
TROUTDALE ORE

(2) LOCATION OF WELL:

County Clackamas Driller's well number 4128
S.W. 1/4 SW 1/4 Section 3 T. 25 R. 4E W.M.
 Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
 If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Rotary ☐ Driven ☐
 Irrigation ☒ Test Well ☐ Other ☐ Cable ☒ Jetted ☐
 Dug ☐ Bored ☐

(6) CASING INSTALLED:

Threaded ☐ Welded ☒

8" Diam. from 0 ft. to 49.5 ft. Gage 2.77

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? ☐ Yes ☐ No

Type of perforator used

Size of perforations 1/4 in. by 1 1/4 in.
240 perforations from 152 ft. to 160 ft.
240 perforations from 250 ft. to 258 ft.
240 perforations from 384 ft. to 392 ft.
 perforations from ft. to ft.
 perforations from ft. to ft.

(8) SCREENS:

Well screen installed ☐ Yes ☐ No

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

(9) CONSTRUCTION:

Well seal—Material used in seal CEMENT GROUT
 Depth of seal 30 ft. Was a packer used? YES
 Diameter of well bore to bottom of seal 12 in.
 Were any loose strata cemented off? ☐ Yes ☒ No Depth
 Was a drive shoe used? ☒ Yes ☐ No
 Was well gravel packed? ☐ Yes ☒ No Size of gravel:
 Gravel placed from ft. to ft.
 Do any strata contain unusable water? ☐ Yes ☒ No
 Depth of water? Depth of strata
 Method of sealing strata off

(10) WATER LEVELS:

Static level 140 ft. below land surface Date 7/13/62
 Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level RJ. STRASSER
 Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 148 gal./min. with 70 ft. drawdown after 2 hrs.

" " " "

" " " "

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water 53 Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:

Diameter of well below casing

Depth drilled 49.5 ft. Depth of completed well 49.5 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.

MATERIAL	FROM	TO
TOP SOIL	0	3
CLAY	3	32
CLAY AND GRAVEL	32	38
RED CLAY	38	102
BROWN SILT	102	151
SAND GRAVEL AND SILT (water)	151	165
SANDY CLAY	165	270
BLUE CLAY	270	250
SAND GRAVEL AND SOME		
BINDER (water)	250	259
BROWN CLAY	259	270
YELLOW CLAY	270	285
BROWN SANDY CLAY	285	327
BLUE CLAY	327	384
CONGLOMERATE (water)	384	395
BLACK CLAY	395	430
BLUE GREY CLAY	430	495

Best up to 230' w/ chips
 just concrete up to hard surface

Chips to 374' gravel from 374'-200'
 Cement from 220' Lsf

Work started MAY 29 62 Completed JULY 19 62Date well drilling machine moved off of well JULY 19 1962

(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 RJ. STRASSER DRILLING CO.
 (Person, firm or corporation) (Type or print)

Address 8110 SE SWANSET LANE PORT ORE

Drilling Machine Operator's License No.

[Signed] Paul O. Ridman, MANAGER
 (Water Well Contractor)

Contractor's License No. 10 Date JULY 31, 1962

(USE ADDITIONAL SHEETS IF NECESSARY)

Date Postmarked

Date Hand-Delivered

Date Region Office Rec'd

W 162182

OWRD Receipt

Date Fee Received

Check No.

START CARD

NOTICE OF BEGINNING OF WELL CONSTRUCTION

(as required by ORS 537.762)

This form must be completed and the original mailed or delivered to the Water Resources Department, 158 12th St, NE, Salem OR 97301-4172 for all new construction, conversion, alteration, deepening and abandonments. This original must be mailed or delivered before work is commenced. A \$125 fee shall accompany the original for all new well construction, conversion, and deepening (make checks payable to the Water Resources Department). In addition, the constructor shall provide a legible copy of this notice to the region office within which the well is being constructed, converted, altered, deepened, or abandoned using one of the following methods: (a) by regular mail no later than three (3) calendar days (72 hours) prior to commencement of work; (b) by hand delivery, during regular office hours before work is commenced; or (c) by FAX before work is commenced. If method (c) is used, a legible copy of the start card shall also be mailed or delivered to the region office no later than the day work is commenced. The Water Resources Commission has authority to impose civil penalties for failure to submit the required \$125 fee with the start card, for failure to submit the \$125 fee in a timely manner, and for failure to timely submit start cards.

Owner's name and mailing address:

Home

Phone: ()

Work

Phone: ()

Type of work: Fee

☐ New Construction

No Fee

☐ Alteration (Repair/Recondition)

Required:

☐ Conversion

Required:

☒ Abandonment ~~Orig. Start~~☐ Deepening Orig. Start

Card No.

Proposed Commencement Date:

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Existing or Proposed Well Depth:

Diameter:

Original Well I.D. Label Number:

Use: ☐ Domestic☒ Community (Public System)☐ Industrial☐ Irrigation☐ Thermal☐ Injection☐ Monitoring☐ Other

WATER RESOURCES DEPT

Proposed Well Location:

County

Township

Range

Section

Tax Lot

1/4 SE 1/4 SW Or Latitude

Longitude

Street Address of well, if not assigned, nearest address:

We have read the back of this form and the information provided is accurate to the best of our knowledge.

Owner/Agent Name

Bonded Water Supply/Monitor Well Constructor Name

License No.

Date Signed

Company

Date Signed

OWNER PLEASE NOTE: This is not a water right application. The owner is responsible for obtaining a water right through the Water Resources Department, if required. The Oregon Health Division requires plans to be submitted and approved prior to construction if the well is to be used as a public system.

ADDITIONAL IMPORTANT INFORMATION ON BACK.
