

e✓

Oregon Water Resources Department

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

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.

Date of request: June 3, 1997

Bonded Well Constructor (name, license and mailing address): Doug Aiken #1255

Aiken Well Drilling 3923 N.E. 37th Redmond Or. 97756
T.L. 800

(1) Location of Well: SW 1/4 NW 1/4 of Section 10, Township 18S,

Range 10E, Deschutes County.

Address at well site: Skyliners Rd. Bend, Or.

(2) Start Card Number(s): 98313

(3) Name and Address of Land Owner: OMSI 1945 S.E. Water Ave.

Portland, Or. 97214-3354

(4) The distance to the nearest well, septic tank or drainfield (if water supply well): 100' +

(5) The unusual conditions which necessitate this request: Drilling with (ODEX)

System. Drilling 10" hole for seal area, and

Taking 10" casing down to hold annular open. 8" casing for finished hole and surface casing.

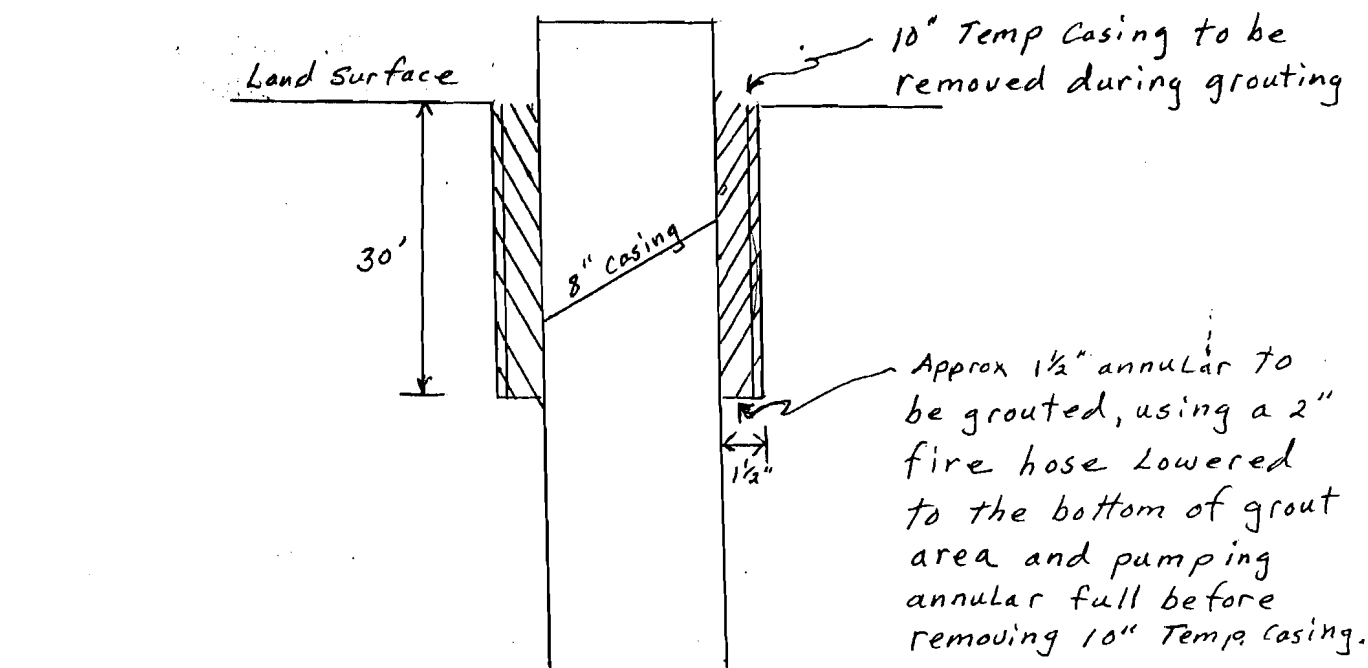
(6) The proposed construction methods that the well constructor believes will be adequate for this well (attach additional pages if needed)

Pressure grout from -30' to L.S., between the 8" and 10" casing and removing 10" temp. casing during

grouting process. (ODEX) Drills approx. 11 1/2" hole with a 10" bit. Grout will be placed by using a 2" Fire
hose between the 8" & 10" casing

w-as✓

- (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 verbal approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of verbal 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: _____

For Water Resources Department Use Only

Date: 6/3/97

Approved by: _____

Denied by: _____

Remarks: Per. Phone conversation with Rob Carter

revised: 4-96

WATER RESOURCES DEPARTMENT WELL INSPECTION FORM

Owner Name O.M.S.I. c/o Rod McDowell
Address 1945 S.E. Water Ave. Portland, OR. 97214-3354
Purpose of Inspection Observe grouting

Well Location T 18 N 10 W R 10 E Section 10 SW 1/4 NW 1/4 County Deschutes
Street Address 5Kyliners Rd. Bend OR.
Distance & direction from house, barn, etc. 7.2.800

Well Type Type of well: Drilled ☒ Dug ☐ Driven ☐ Bored ☐
Use of well: Domestic ☒ Stock ☐ Irrigation ☐ Industrial ☐ Municipal ☐ Test Well ☐

Drilling Machine Type of drilling machine used to construct the well:
Cable tool ☐ Air rotary ☒ Mud rotary ☐ Reverse rotary ☐
Was the drilling machine present at the well site during the inspection: yes ☒ no ☐

Construction Dates Date started 6/2/97 Date completed 6/3/97
Well Contractor Well contractor's name Aiken Well Drilling License number 1255
and Driller Well driller's name Doug Aiken & Vince Mackay License number 1255

Well Inspection Diameter of casing 8 in. Thickness of casing wall 1.250 in. Diameter of drillhole 11 1/2 in.
Maximum thickness of annular space 1 1/2 in. Minimum thickness of annular space — in.
Casing cap or seal (describe) Welded steel plate
Describe the Measuring Point (M.P.) Top of casing
M.P. is 1.5 ft. (above) or below the Land Surface Datum (LSD)

Water Level Measurements		Sounded Well Depth		Sounded Open Annulus	
Tape reading	ft.	Tape reading	ft.	Annulus depth	<u>30'</u>
M.P. (+ or -)	ft.	M.P. (+ or -)	ft.	feet below LSD	
Depth to water	<u>44</u> ft.	Depth of well	<u>125</u> ft.		

Well Seal Dug ☐ ft. + Augered ☐ ft. + Drilled ☐ ft. = ☐ ft.
Describe material found in seal Cement grout

Were seal samples taken: yes ☐ no ☒ Number of photographs taken NO
Apparent deviation from the well construction standards None

Remarks Note: While I was observing the surface seal grouting using a fire hose between the 8" and the 10" Temp. casing, I felt this procedure went very well and the 30' annular took 1 1/2 yards of cement grout and the 10" Temp. casing was removed with no problems.

Pump Type ☐ Make ☐ HP ☐

Inspector Name Tony H. Carey Date 6/3/97 Time of day 10:20AM
Title Well Inspector
Witnesses during the inspection yes ☒ no ☐ Name Drillers & Jeff
Address ☐ Telephone ☐

OFFICE USE ONLY

Was a well log filed yes ☐ no ☐ Date the well log was filed ☐
Was a notice card filed yes ☒ no ☐ Date the notice card was filed Fax 6/2/97
Notes: ☐

