

STATE OF OREGON
 WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

WELL I.D. # L

START CARD # 181323

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number MARI 5224
 Name City of Kelzer
 Address 930 Chemewa Rd.
 City Kelzer State OR Zip 97307

(2) TYPE OF WORK New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other abandon in place

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
 Depth of Completed Well 329 ft.
 Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
16"	0	329	Cement	0	65	310 sacks
			Bent Chips	65	73	150 sacks
			Cement	73	170	259 sacks
			Bent Chips	170	329	240 sacks

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Diameter	From	To	Gauge	Steel				Plastic		Welded		Threaded	
				Case	Line	Line	Case	Case	Line	Case	Line		
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Yes No
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL (legal description)
 County Marion
 Tax Lot 4000 Lot _____
 Township 6 S Range 3 W WM
 Section 26 NE 1/4 SW 1/4

Lat 45 ° 1 ' 3 " or _____ (degrees or decimal)
 Long 123 ° 1 ' 16 " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 939 Delta Dr NE, Kelzer, OR 97303

(10) STATIC WATER LEVEL
65.8 ft. below land surface. Date 1-19-2006
 _____ ft. below land surface. Date _____
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
SEE MARI 5224 FOR CONSTRUCTION DETAILS			
16" water well abandoned as per variance.	0	329	
Backfill screen w/ dry bentonite	170	329	
Cut and remove casing from 159 feet to surface			
--remove all gravel pack			
--abandon w/ cement grout	73	170	
--back fill w/ dry bent chips due to cement loss	65	73	
--abandon w/ cement grout	0	73	

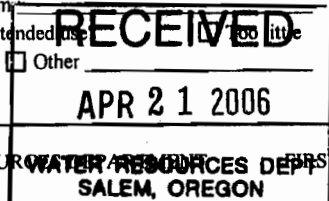
Date Started 1-18-2006 Completed 03-08-2006

(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1672 Date 4-19-06
 Signed [Signature]

(bonded) Water Well Constructor Certification
 I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 10011 Date 4/19/06
 Signed [Signature]



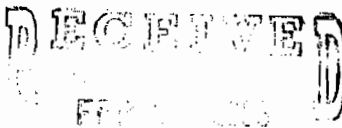


Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

February 2, 2006



GEO TECH EXPLORATIONS
ROBERT STADELI #1523
19700 SW TETON
TUALATIN OR 97062

FINAL ORDER

Dear Robert:

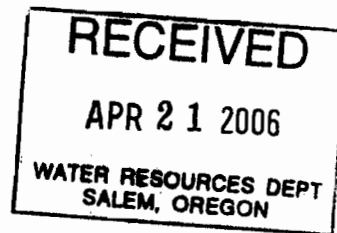
This Special Standard supercedes the previous Special Standard for the same Start Card number issued on January 26, 2006. It clarifies the abandonment method in respect to perforations in the cased intervals due to a misunderstanding between the driller and the Department. The Special Standard request you submitted for owner: Keizer Water District, Start Card number 181323 (original log Mari 5224) is hereby approved for the following: You may abandon this water well in place from a depth of 333 ft bgs to 170 ft bgs with unhydrated bentonite in order to prevent cement grout infiltration into the new production well approximately 50 feet away. Extreme care shall be taken during the placement of the bentonite to prevent voids or bridges. Care shall be taken to minimize the introduction of bentonite dust. Only sodium bentonite chips manufactured to be greater than 1/4 inch or tablets shall be used below the water level in the sealing interval. A 10 foot cement plug shall be placed from 170 ft bgs to 160 ft bgs and shall be allowed to set up. The remainder of the 16 inch casing and the gravel pack material shall be removed from a depth of 160 ft bgs to land surface. The well shall then be grouted up in one continuous operation from 160 ft bgs to land surface. The 30 inch casing that is currently sealed from land surface to 25 ft bgs may remain in place. The 30 inch well casing may also be severed below land surface and removed (See OAR 690-220-0060, 690-220-0030 and 690-220-0090). 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@wrđ.state.or.us.

Sincerely,

Kristopher Byrd,
Well Construction Program Coordinator
Enforcement Section



cc: Joel Jeffery, NW Region Well Inspector
File

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review 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 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

February 24, 2006

GEO TECH EXPLORATIONS
ROBERT STADELI #1523
19700 SW TETON
TUALATIN OR 97062

RECEIVED
FEB 28 2006
FINAL ORDER

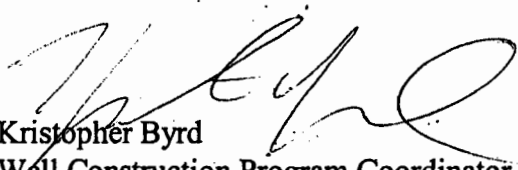
Dear Robert:

The Special Standard request you submitted for owner: Keizer Water District, Start Card number 181323 (original log Mari 5224) is hereby approved for the following: You may abandon this water well from a depth of 160 ft bgs to 70 ft bgs with cement grout as the 16 inch casing is pulled back to 70 ft. All gravel pack material must have been removed from this interval prior to grouting. After the grout has set up, the gravel pack material from land surface to 70 ft bgs shall be removed from the well and it shall be grouted to land surface as the 16 inch casing is removed. The 30 inch casing that is currently sealed from land surface to 25 ft bgs may remain in place. The 30 inch well casing may also be severed below land surface and removed (See OAR 690-220-0060, 690-220-0030 and 690-220-0090). Your Special Standard request form is enclosed.

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Sincerely,


Kristopher Byrd
Well Construction Program Coordinator
Enforcement Section

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