

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

MALH 52545

WELL ID. # L 61641
START CARD # 166992

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

(1) LAND OWNER Name Bob Gressley Well Number 61641
Address 4010 Fizzle Lane
City Vale State OR Zip 97148

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

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 260 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
12	+1	260 cement Grout	0	75	2 Yds

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:

Casing:	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
	12	+1	75	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Drive Shoe used Inside Outside None
Final location of shoe(s) 75 ft

(7) PERFORATIONS/SCREENS:

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

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 250 Drawdown 140 ft Drill stem at _____ Time 1 hr.

Temperature of water 64.8 Deg. Fahrenheit
Was a _____ Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Color Other
Depth of _____

(9) LOCATION OF WELL by legal description:
County Malheur Latitude _____ Longitude _____
Township 18S N or S Range 46E E or W. WM.
Section 21 SW 1/4 SW 1/4
Tax Lot 2401 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Oninque & Avation Ave Intersection

(10) STATIC WATER LEVEL:
54 1/2 ft. below land surface. Date 11-4-04
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
we installed 76ft of 12" 1/4 wall steel casing from +1 to 75ft and pumped cement grout (neat) from 75 to ground level and tried to pull 16" outer well casing, which we could not pull. we applied for & received special standards to leave the 16" casing in the well.			
we received the final order on this well on 11-22-04 from Kristopher Byrd.			

Date started 11-4-04 Completed 11-4-04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, 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 _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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 1485
Signed Jon M Ho Date 12-03-04

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Oregon Water Resources Department

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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, 725 Summer Street NE, Suite "A", Salem OR 97301-1271. Requests may also be considered by the appropriate Regional Manager.

Date of request: 11-⁵04 Oral approval date (if applicable): _____

Bonded Well Constructor (name, license #, and mailing address): Jon Fife,

1485, 4732 Sunday Hwy Vale, OR 97918

(1) Location of Well: SW 1/4 SW 1/4 Tax lot 2401 Section 21,

Township 18S N, Range 46E W, Malheur County

Address at well site: Corner of Alameda + Onion Ave
Ontario, OR

(2) Start Card Number(s) (for work to be done): 166992 / original 154995

(3) Name and Address of Land Owner: Bob Gressley 4010 Freese Lane
Vale, OR 97918

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

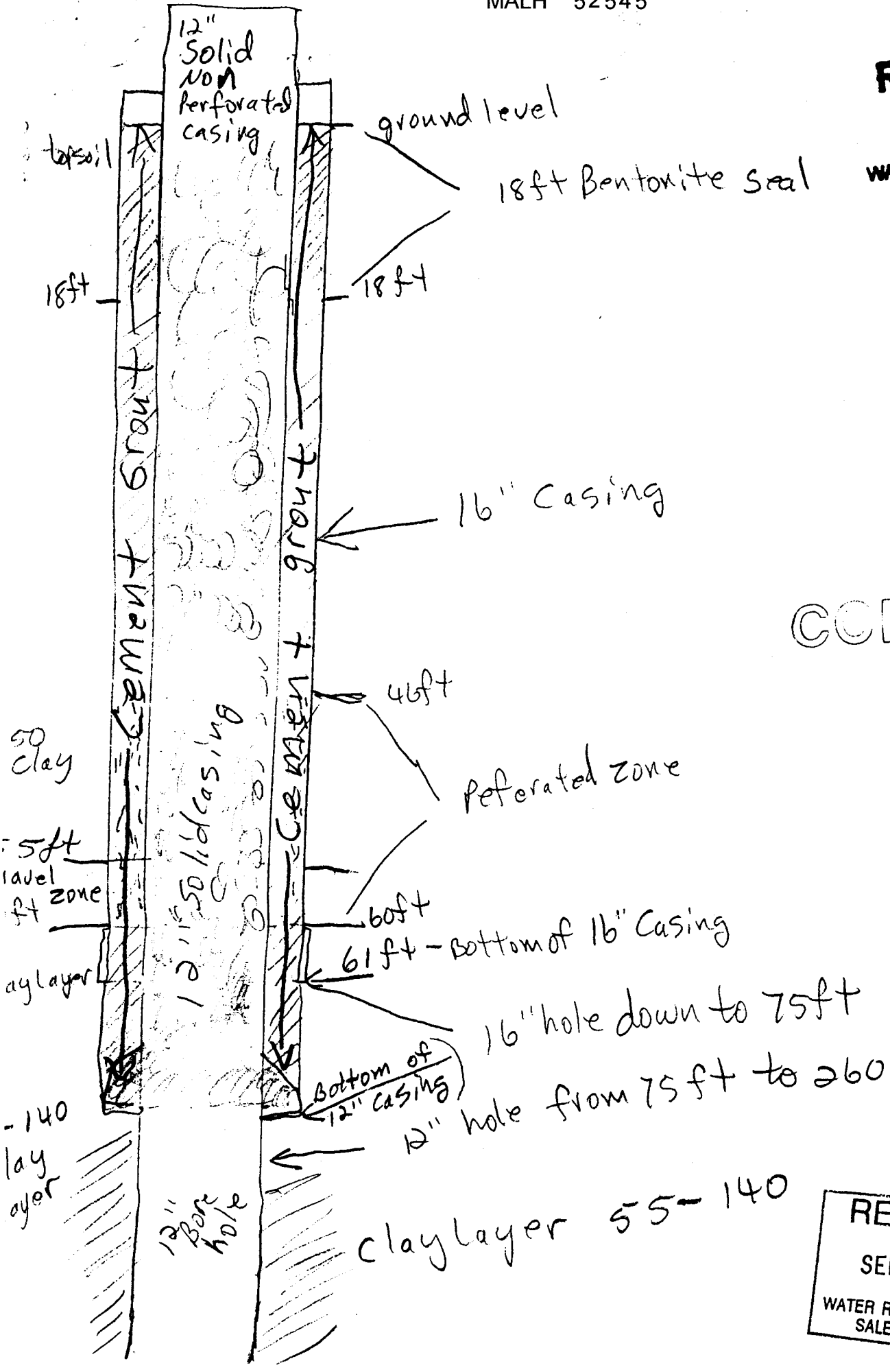
(5) The unusual site conditions which necessitate this request: would like to
request leaving the 16" casing in this well
as we were unable to pull the casing out.

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

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September 16, 2004

Water Resources Department
Eastern Region—Robert D. Maynard
1995 3rd Street, Suite 180
Baker City, Or. 97814

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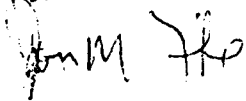
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Mr. Maynard

My plan for a repair on the Gressley well is to install a 12" steel, watertight, non-perforated, casing with a drive shoe down to the 75ft level where the well bore reduces from 16" to 12" and drive the shoe solidly into the clay. Next, I would like to fill the annular space between the 16" casing and the 12" casing with a cement grout slurry up to ground level and pull the 16" casing out of the ground. In the event I cannot pull the 16" casing out of the ground, I would like to ask for special standards at that time to leave the 16" casing in the ground as the well would still meet the standards in OAR 690-210-0140 "Shall have a watertight, non-perforated, permanent well casing extending and being sealed at least five feet into a clay or other impermeable stratum overlying the water-bearing zone". We would be sealed at least fifteen feet into the clay layer overlying the water-bearing zone, keep any water from co-mingling, and restore artesian pressure to the water-bearing zone.

I would like to request your presence, Mr. Maynard, while we are repairing the well so that in the event we cannot pull the 16" well casing and need to acquire approval for special standards at that time. I would also like to apologize for any inconvenience this has caused the Department.

Sincerely,



Jon M. Fife
Willow Creek Irrigation

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