

Jan 50112

SEP 29 1997

SEP - 8 1997

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

WATER RESOURCES DEPT.
SALEM, OREGON

WATER RESOURCES DEPT. (STATE CARD) # 097105

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

(1) OWNER:

Well Number LO3378

Name City of Mt. Vernonia
Address P.O. Box 647 199 West Main 97146
City Mt. Vernonia State ORE. Zip 97146

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger
 Other Reverse Rotary

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 377'
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
18"	0'	200'	Cement Grout	0	200	30 yards
18"	200'	398'	Per Gravel	200	398'	40 yards

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

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 200 ft. to 398 ft. Size of gravel 3/8"

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	12"	72'	292'	3/32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12"	377'	398'	3/32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From		To	Slot size	Number	Diameter	Material	Casing	Liner
282'	292'		.040		12"	Factor x Perfor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
292'	311'		.125		12"	Public Row	<input checked="" type="checkbox"/>	<input type="checkbox"/>
311'	321'		.040		12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
321'	352'		.125		12"	Open Well	<input checked="" type="checkbox"/>	<input type="checkbox"/>
352'	377'		.040		12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
206 gpm	360'		4 hr.

Temperature of water 58' Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

SALEM, OREGON

(9) LOCATION OF WELL by legal description:

County Grant Latitude _____ Longitude _____
Township 13 N or S Range 30 E or W. WM.
Section 28 NE 1/4 NE 1/4
Tax Lot 103 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Hwy 26

(10) STATIC WATER LEVEL:

21 ft. below land surface. Date 8-20-97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 2'

From	To	Estimated Flow Rate	SWL
<u>All Sands & Gravels</u>			

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Topsoil	0	2	
Sand & Gravel	2	33	
Blue & Burnt Clay	33	42	
Sand, Gravel, Broken Rock	42	80	
Brown Clay & Broken Rock str.	80	204	
Broken Grey Basalt & Boulders	204	275	
Brown & Blue Clay & Gravel	275	283	
Coarse Sand & Per Gravel	283	286	
Clay & Gravel str.	286	313	
Sand & Gravel with little clay	313	324	
Clay & Gravel str.	324	355	
Loose good gravel clay str.	355	379	
Clay & Gravel	379	425	
Lost Drill steel			
242' Down to Bottom			
6" Drill steel			

Date started 6/10/97 Completed 9-4-97

(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 1506

Signed _____ Date 9/14/97