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MARI 57736
Westorberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

NOV 17 2003

STATE OF OREGON
WATER SUPPLY WELL REPORT
WATER RESOURCES DEPARTMENT
(as required by ORS 517.765)
SALEM OREGON

WELL I.D. # L 66756
START CARD # 161144

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

(1) LAND OWNER Well Number _____
Name DELBERT & BARBARA HUPP
Address 19774 GRADE RD. SE
City SILVERTON State OR Zip 97381

(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 700 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
10"	0	562	Bentonite	0	14	17 sacks
8"	562	715	Cement	14	545	247 sacks
	700	715	Hole Slough in bottom			

How was seal placed: Method A B C D E
 Other Bentonite placed dry
Backfill placed from 545 ft. to 562 ft. Material 3/4 round &
Gravel placed from _____ ft. to _____ ft. Size of gravel crushed rock

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	6"	+1	703	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	None				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) 703

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
623	683	1/4x3	1440			<input checked="" 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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
			1 hr.
23	<1'		8-hr.

Temperature of water 54° 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: _____

(9) LOCATION OF WELL by legal description:
County MARION Latitude _____ Longitude _____
Township 7S N or S Range 1E E or W. WM.
Section 26 NW 1/4 _____ SW 1/4 _____
Tax Lot 200 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 19812 POWERS CREEK LOOP RD. SE SILVERTON, OR 97381

(10) STATIC WATER LEVEL:
572 ft. below land surface. Date 10-22-03
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 40'

From	To	Estimated Flow Rate	SWL
40'	47'	11 GPM	21'
53'	73'	3 GPM	N/A
82'	83'	6 GPM	30'
250'	275'	1 GPM	N/A
485'	490'	2 GPM	N/A

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
soil	0	1	
clay brown	1	4	
weathered rock	4	10	
fractured basalt grey	10	40	
basalt brn very wthred	40	53	
basalt grey fractured	53		
& porous		55	
basalt gry hrd crs grain	55	82	
blue claystone & wthrd rock	82	83	
basalt grey hard	83	93	
basalt grey porous	93	103	
basalt gry hrd w fractures	103	109	
basalt grey porous	109	118	
clay brown	118	121	
basalt grey	121	124	
basalt weathered	124	126	
basalt grey hard	126	138	
basalt grey fractured	138	157	
continued on page 2			

Date started 10-1-03 Completed 10-22-03

(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.
Signed [Signature] WWC Number 1358
Date 11-14-03

(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.
Signed [Signature] WWC Number 688
Date 11-14-03



36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

Westerberg Drilling, Inc.
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WELL ID# L 66756
 OWNER: DELBERT & BARBARA HUPP
 ADDRESS: 19774 GRADE RD. SE
 CITY/STATE/ZIP: SILVERTON, OR 97381

WELL ADDRESS: 19812 POWERS CREEK LOOP RD. SE SILVERTON, OR 97381
 COUNTY MARION TOWNSHIP 7S RANGE 1E
 SECTION 26 NW 1/4 SW 1/4 TAX LOT 200

(11) WATER BEARING ZONES CONT'D FROM PREVIOUS PAGE:

FROM	TO	ESTIMATED FLOW RATE	SWL
605'	680'	23 GPM	572'

(12) WELL LOG INFO. CONT'D FROM PREVIOUS PAGE:

MATERIAL	FROM	TO	SWL
basalt weathered & fractured	157	165	
basalt grey w/ wthrd seams	165	180	
clay grey sticky	180	186	
claystone & basalt	186	188	
basalt grey & brown med	188	200	
rock brown	200	203	
basalt grey & brown	203	213	
basalt grey hard	213	240	
basalt weathered & porous	240	250	
large fractures @ 250' lost circulation temporarily			
basalt fractured & weathered	250	275	
basalt grey	275	290	
basalt weathered & porous	290	313	
basalt grey hard	313	325	
basalt weathered & grey	325	340	
basalt grey	340	355	
basalt grey w/ wthred seams	355	425	
basalt grey hard	425	441	
basalt weathered & porous	441	465	
basalt grey fractured	465	485	
basalt very fractrd & wthrd	485	513	
basalt grey w/ brown & green	513	533	
basalt grey some fracturing	533	605	
basalt wthrd fractrs & porous	605	680	
siltstone green	680	685	
claystone blue	685	715	

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 SALEM, OREGON