

**MARI 64138**  
**Westerberg Drilling, Inc.**  
**36728 S. Kropf Rd.**  
**Molalla, OR 97038**

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

WELL I.D. # L 106353

START CARD # 208139

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

(1) LAND OWNER Well Number \_\_\_\_\_  
 Name Columbia Helicopters Inc.  
 Address PO Box 3500  
 City Aurora State OR Zip 97002

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

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Other \_\_\_\_\_

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

(5) BORE HOLE CONSTRUCTION Special Construction:  Yes  No  
 Depth of Completed Well 147' ft.  
 Explosives used:  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
8"	0	147'	Not Change			
See MARI 230						

How was seal placed: Method  A  B  C  D  E  
 Other Original  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel 8-12 Sand

Casing:	Diameter	From	To	Gauge	Steel				Plastic				
					Welded	Threaded	Welded	Threaded	Welded	Threaded			
See	MARI	230			<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:	5"	85'	125'	.188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5"	145'	147'	.188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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) 5" Shoe on top of riser @ 85'

(7) PERFORATIONS/SCREENS  
 Perforations Method Mills Knife  
 Screens Type \_\_\_\_\_ Material SS

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
125'	145'	.040		5"	PS	<input type="checkbox"/>	<input type="checkbox"/>
129'	145'	1/4 x				<input type="checkbox"/>	<input type="checkbox"/>
		1 1/2	192	8"		<input checked="" 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
65	41		1 1/2 Hour

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 (legal description)  
 County Marion  
 Tax Lot 100 Lot \_\_\_\_\_  
 Township 4 S Range 1 W WM  
 Section 2 NE 1/4 NE 1/4

Lat \_\_\_\_\_ " or \_\_\_\_\_ (degrees or decimal)  
 Long \_\_\_\_\_ " or \_\_\_\_\_ (degrees or decimal)

Street Address of Well (or nearest address) 14452 Arndt Rd.  
Aurora, OR 97002

(10) STATIC WATER LEVEL  
72' ft. below land surface. Date 02/22/12  
 \_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_  
 Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES  
 Depth at which water was first found Original 129' - 145'

From	To	Estimated Flow Rate	SWL
129'	145'	60+ gpm	72'

(12) WELL LOG Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Original Well -			
8" Casing	+1'	to 147'	
Reperforated well from 129' to 145'. Installed 5" screen & riser & filter packed with 8-12 sand. Developed by swabbing and airlifting.			
This well had a severe sand pumping problem. The screen & filter packing eliminated that problem.			

Date Started 02/17/12 Completed 02/22/12

(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 1358 Date 02/22/12  
 Signed Ben B. Stoltz

(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 688 Date 03/06/12  
 Signed Steven N. Stahl