STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L	59002
START CARD#	1006435

Own Wall D 2							
(1) LAND OWNER Owner Well I.D. 3	(9) LOCATION OF WELL (legal description)						
First Name Last Name	County UMATILLA Twp 5 N N/S Range 35 E E/W WM						
Company North Slope Management	Sec <u>4</u> <u>SW</u> 1/4 of the <u>NE</u> 1/4 Tax Lot	400					
Address 83501 Lower Dry Creek Road	Tax Map Number Lot						
City Milton Freewater State OR Zip 97862	Lat "or "or	DMS or DD					
(2) TYPE OF WORK New Well Deepening Conversion	Long or	DMS or DD					
Alteration (repair/recondition) Abandonment	C Street address of well Nearest address						
(3) DRILL METHOD	83501 Lower Dry Creek Road, Milton Freewater, OR 97862						
Rotary Air Rotary Mud Cable Auger Cable Mud							
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi)	+ SWL(ft)					
	Existing Well / Predeepening	- SWE(II)					
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 05-28-2009 409						
Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?						
Thermal Injection Other	WATER BEARING ZONES Depth water was first four	nd 280					
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)							
Depth of Completed Well 1,056 ft.	SWE Bate Troing To Est Tow SWE(ps)						
BORE HOLE SEAL sacks							
Dia From To Material From To Amt lbs							
28 0 18 Bentonite 0 18 48 S							
10 10 (10 0 10 10 10 10 10 10 10 10 10 10 10 10							
19 18 640 Cement 18 460 506 S 14.75 640 1,056	(11) WELL LOG Ground Elevation						
How was seal placed: Method A B XC D E							
	Material From Silt and gravel - brownish 0	To					
Other A Mariel	Weathered basalt - brown/black 14	20					
Backfill placed fromft. toft. Material	Solid basalt - black 20	30					
	Fractured basalt - black 30	40					
	Solid basalt - black 40	110					
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plste Wld Thrd	Soft, fractured basalt - black/brown 110	180					
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Solid basalt - black 180 Softer basalt 205	205					
	Softer basalt 205 Dense, brown and black basalt 225	225 305					
20 X 2 18 0.375 X X 2 640 0.375	Weathered basalt 305	325					
● 16 × 2 640 0.375 ● ×	Solid basalt 325	355					
	Fractured basalt - black 355	355 500					
	Highly fractured/weathered basalt 500	530					
Shoe Inside Outside Other Location of shoe(s)	Solid, dense basalt 530 Weathered basalt 570	570					
Temp casing Yes Dia From To	Weathered basalt 570 Solid basalt - black 600	600					
(7) PERFORATIONS/SCREENS	Softer basalt - black 697	710					
Perforations Method	Hard basalt - highly fractured - black 710	885					
Screens Type Material	Softer basalt, fractured - dark gray to black 885	930					
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Date Started 03-22-2009 Completed 06-01-2	009					
creen Liner Dia From To width length slots pipe size							
	(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deep	oning alteration or					
	abandonment of this well is in compliance with Oregon						
	construction standards. Materials used and information report	11.					
	the best of my knowledge and belief.						
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1672 Date 06-02-2009	>					
Pump Bailer Air Flowing Artesian	Password : (if filing electronically)						
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed						
3,500 9 502 6	(bunded) Water Well Constructor Certification						
	I accept responsibility for the construction, deepening, alterat	ion, or abandonment					
	work performed on this well during the construction dates report	ted above. All work					
Temperature 52 °F Lab analysis X Yes By Owner	performed during this time is in compliance with Oregon water supply well						
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my kno	wiedge and belief.					
From To Description Amount Units	License Number 1523 Date 06-02-2009						
MEUEIVED	Password : (if filing electronical)						
	Signed Contact Info (optional)						
HIN 0 5 2009	Contact into (optional)						

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WATER SUPPLY WELL REPORT - continuation page

WELL I.D. # L	59002
START CARD	# 1006435

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(5) B	ORE	HOLE	CONS	TRUCTI	ON				(10) 07 4 77	C 33/ 4 (T) P)	D I EXEL	_			
	BORE		00112	1110011		EAL		1/	(10) STATIO						
Dia	From		,	Material			To A	sacks/ mt_lbs_	Water Bea	ring Zone	s				
				Tylaterial	1.13		10 / 1		SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
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									(11) WELL	LOG					
(6) C	CASIN	G/LINI	ER												
0		***		D		. 64		1.1 729 1	Hard baalt - mu	Material	-		From 930		<u>To</u> 955
Ca	sing Lin	er Dia	- +	From T	To Gauge	e Sti	Plstc Wi	a inrd	Softer basalt, fi				955		955
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(\mathcal{Q}		╛┡╬			$\perp \mid Q \mid$	$\mathcal{Q} \vdash$	4 14	Softer basalt	. B			1,015	_	1,055
\$	$\mathcal{L} \mathcal{L}$		_			1 12	$Q \vdash$	4 14	Hard, dense ba	salt			1,055		1,056
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(7) P	ERFO	RATIO	DNS/S	CREENS											
	Casing				Sem/slot	Slot	# of	Tele/							
	Liner	Dia	From	То	width	length	slots								
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(8) V	VELL	TESTS	: Mini	mum test	ing time	is 1 hou	ır								
Yiel	d gal/mi	n Dr	awdown	Drill st	tem/Pump d	epth	Duration	ı (hr)							
	- (1					<u> </u>			Comments	Remarks	;				
									Trace water	- 280'					
									Substantial w						
									Steadily incr	easing from	640' to 1056'				
w	ater O	uality Co	oncerno								the surface, a	ınnulus betv	ween 16" and	d 20"	is neat
	om	-			tion	Am	nount U	Jnits	cement, 20"	seal is hydra	ted bentonite				
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JUN 0 5 2009