UNIO 52478

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

WELL LABEL # L	107436
START CARD#	1023023

WILLD						
(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)					
First Name Chris Last Name Heffernan	County UNION Twp 5 S N/S Range 39 E E/W WM					
Company North Slope Farms	Sec 34 SW 1/4 of the NW 1/4 Tax Lot 2700					
Address 63600 View Point Ln	Tax Map Number Lot					
City North Powder State OR Zip 98767	Lat ° ' " or 0 DMS or DD					
(2) TYPE OF WORK New Well Deepening Conversion	Long " or 0 DMS or DD					
Alteration (repair/recondition) Abandonment	Street address of well Nearest address					
(3) DRILL METHOD	0.5 miles south of Olsen rd on east side of Bagwell rd					
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)					
	Existing Well / Predeepening					
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 06-16-2014 8					
Industrial/Commericial Livestock Dewatering	Flowing Artesian? Dry Hole?					
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 37					
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	SWL Date From To Est Flow SWL(psi) + SWL(ft)					
Depth of Completed Well 496 ft.	06-10-2014 36 139 8					
BORE HOLE SEAL sacks/						
Dia From To Material From To Amt lbs						
24 0 142 Cement 0 30 66 S						
12 142 496 140 142 4 S						
	(11) WELL LOG Ground Elevation 3,350					
How was seal placed: Method A B C D E						
Other	Material From To Clays and little sand 0 27					
Backfill placed from ft. to ft. Material	River gravels and sand 27 30					
Filter pack from 30 ft. to 140 ft. Material silica sand Size 8/12	Clay and sand 30 37					
	Coarse sand 37 44					
Explosives used: Yes Type Amount	Sand and clay 44 56					
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Medium sand 56 58					
	Coarse sand 58 59					
	Clay 59 67					
○ 18	Coarse sand 67 70 Blue clay 70 100					
● 18	Fine, coarse super coarse back to fine sand 100 138					
● 18 69 99 375 ● X ● 18 139 142 375 ● X	Dark brown muck 138 140					
● 18 139 142 375 ● X	Blue stickey clay 140 244					
Shoe Inside Outside Other Location of shoe(s)	Black clay with some sand(6x9) 244 250					
Temp casing Yes Dia From To	Blue grey clay 250 330					
(7) PERFORATIONS/SCREENS	Basite black red, brkn soft into med 330 347					
Perforations Method	Basite black red, brkn med w/ blue claystone seams 347 350					
Screens Type wire wrap Material SS 304	Basite black red, med 350 364.5					
Perf/S Casing/Screen Scrn/slot Slot # of Tele/	Basite black red, brkn med w/ blue claystone seams 364.5 496 Date Started 05-14-2014 Completed 06-16-2014					
creen Liner Dia From To width length slots pipe size						
Screen Casing 18 36 46 .06 Screen Casing 18 55 60 .06	(unbonded) Water Well Constructor Certification					
Screen Casing 18 55 60 .06	I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply well					
Screen Casing 18 99 139 .06	construction standards. Materials used and information reported above are true to					
	the best of my knowledge and belief.					
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date					
Pump	Password : (if filing electronically)					
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed					
1,000 74 105 1	(bonded) Water Well Constructor Certification					
1,000 82 105 3						
1,000 91 105 8	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work					
Temperature 41 °F Lab analysis Yes By	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 knowledge and belief.					
From To Description Amount Units	License Number 1937 Date 07-20-2014					
RECEIVED BY OWRD	Password : (if filing electronically)					
1 Mars of Jan 1 7 June 100	Signed Signed					
	Contact Info (optional)					
NOV 1 0 2017						

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WATER SUPPLY WELL REPORT - continuation page

WELL I.D. # L <u>1</u>	07436
START CARD#	1023023

										
(5) BORE HOLE CO	NSTRUCTION				(10) STATIO	TANATED	TEVEL			
BORE HOLE		SEAL			(10) STATIC		LEVEL			
Dia From To	Matarial		Γο Am	sacks/	Water Bea	ring Zones				
	Material	riom	LU AM	108	SWL Date	Erore	То	Est Flavo	CV/I (mai)	+ 6117 (6)
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EN TER BACK										
FILTER PACK	laterial Size									
From To M	laterial Size	٦								
		4								
		4								
		J			(11) WELF	LOC				
(C) C) CINICA INED					(11) WELL	LUG				
(6) CASING/LINER						Material			From	То
Casing Lines Die	+ From To C	Gauge Stl F	lstc Wld	Thed		Maryllai			T	
Casing Liner Dia	+ From To C	rente on t	1310 410	711111	1			-		
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(7) DEDEOD ATIONS	CODERNO									
(7) PERFORATIONS									 	
Perf/S Casing/Screen	Scm/		# of	Tele/						
creen Liner Dia F	from To wid	th length	slots	pipe size	l ———					
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									DALE	M, UH
(O) WELL TECTO 1	(u	maial ba								
(8) WELL TESTS: M	unimum testing ti	me is i nou	II'							
Yield gal/min Drawd	own Drill stem/Pur	mp depth	Duration	(hr)						
1	1				Comments	Kemarks				
					-Lower hole	filled with cu	ittings during	reaming an	d sand during	g well
					development					
				-	ac reiopinent					
					Set agging a	tring on botto	m of 24" hal	e and came	nted annulue	to prevent
					gravel pack				neu amurus	to prevent
Water Quality Conce	erns				gravel pack i	rom raining d	iowii piiot no	IC.		
From To	Description	Am	ount U	nits						
TOTAL	Description		T							
										