MALH 54174

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

10/15/2014

WELL I.D. LABEL# L 114806

START CARD # 1024284

ORIGINAL LOG #

Page 1 of 2

(as required by OKS 357.703 & OAR 070-203-0210)	13/2014 ORIGINAL LOG#		
(1) LAND OWNER Owner Well I.D.			
First Name BOB Last Name SCOTT	(9) LOCATION OF WELL (legal description)		
Company NZ RANCH	County MALHEUR Twp 14.00 S N/S Range 39.00 E E/W WN		
Address 5065 WILLOW CREEK RD	Sec 21 SE 1/4 of the NE 1/4 Tax Lot 3701		
City IRONSIDE State OR Zip 97908	Tax Map Number Lot		
(2) TYPE OF WORK New Well Deepening Conversion	Lat ° ' " or 44.33767400 DMS or DD		
Alteration (complete 2a & 10) Abandonment(complete	Tax Map Number Lot Lat o ' or 44.33767400 DMS or DD Long o ' or -117.93395700 DMS or DD		
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address		
Casing: Troil To Gauge St. Tiste Will Third	5065 WILLOW CREEK RD		
Material From To Amt sacks/lbs	IRONSIDE, OR 97908		
Seal:			
(3) DRILL METHOD	(10) STATIC WATER LEVEL		
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration		
Reverse Rotary Other	Completed Well 10/8/2014 15		
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?		
Industrial/ Commercial Livestock Dewatering			
Thermal Injection Other			
	SWL Date From To Est Flow SWL(psi) + SWL(ft		
(5) BORE HOLE CONSTRUCTION Special Standard (Attach c	py) 10/8/2014 90 320 100 15		
Depth of Completed Well 324.00 ft.			
BORE HOLE SEAL sac			
Dia From To Material From To Amt I 22 0 80 Bentonite Chips 0 2 150 P	5		
18 80 330 Cement 2 60 95 S			
12 330 344 Content			
	(11) WELL LOG Ground Elevation		
How was seal placed: Method A B XC D E	Material From To		
Other	topsoil 0 2		
Backfill placed from ft. to ft. Material			
Filter pack from 60 ft. to 344 ft. Material PEA GRAV Size pea grav	gravel with some clay mixes 11 37		
Explosives used: Yes Type Amount	clay blue and brown layered 37 58		
5a) ABANDONMENT USING UNHYDRATED BENTONITE	brown sand 58 62 brown clay 62 68		
Proposed Amount Actual Amount	gravel and sand 68 74		
	tan clay 74 88		
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Tl	brown sand 88 95		
Casing Liner Dia + From To Gauge Stl Plstc Wld Tl	tan clay 95 105		
6 4 X 1 67 250 0	gravel and sand 105 110 145		
12 60 90 75	- Itali ciay 110 143		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	sand and gravel 145 155 159 155 159		
12 110 150 375 12 170 180 375	sand and gravel 159 174		
Shoe Inside Outside Other Location of shoe(s)	clay 174 180		
Temp casing Yes Dia From To	sand and gravel 180 185		
(7) PERFORATIONS/SCREENS	- clay 185 186		
Perforations Method	sand and gravel 186 188		
Screens Type 80&100 slot Johnson Material stainless	Date Started 9/9/2014 Complete 10/9/2014		
Perf/ Casing/ Screen Scrn/slot Slot # of Tele			
Screen Liner Dia From To width length slots pipe s	(unbonded) Water Well Constructor Certification		
Screen Casing 12 90 110 .1 12	I certify that the work I performed on the construction, deepening, alteration abandonment of this well is in compliance with Oregon water supply		
Screen Casing 12 150 170 .1 12 Screen Casing 12 180 200 .8 12	construction standards. Materials used and information reported above are tr		
Screen Casing 12 216 236 .8 12	the best of my knowledge and belief.		
Screen Casing 12 256 276 1 12	License Number Date		
8) WELL TESTS: Minimum testing time is 1 hour	-		
	Signed		
	(bonded) Water Well Constructor Certification		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	1` '		
200 200 1	I accept responsibility for the construction, deepening, alteration, or abando work performed on this well during the construction dates reported above. Al		
	performed during this time is in compliance with Oregon water supply we		
Temperature 50 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and be		
Temperature 50 °F Lab analysis Yes By	License Number 1818 Date 10/15/2014		
Water quality concerns? Yes (describe below) TDS amount Onits	- Date 10/15/2014		
	Signed DANIEL MCLERAN (E-filed)		
NOV. 1 9 2014	Contact Info (optional)		
NOV 1 2 2014			

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WATER SUPPLY WELL REPORT - continuation page

10/15/2014

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(2a) PRE-ALTERATION	Water Quality Concerns		
Dia + From To Gauge Stl Plstc Wld Thrd	From To Description	Amount	Units
	To Bescription		
Material From To Amt sacks/lbs			
			 .
	(10) STATIC WATER LEVEL		
(5) BORE HOLE CONSTRUCTION	1 ' '		
	SWL Date From To Est Flow SV	WL(psi) +	SWL(ft)
BORE HOLE SEAL sacks/			
Dia From To Material From To Amt lbs			
		+	
		——— H	
		\longrightarrow	
FILTER PACK	(11) WELL LOG		
From To Material Size	(II) WEEE EOG		
	Material	From	То
	clay blue	188	192
	gravel	192	194
		194	208
	blue clay		
(6) CASING/LINER	sandy clay or layered sand and clay	208	222
	brown clay	222	228
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	brown sand	228	236
	tand clay	236	255
●	sand and gravel little clay mixed	255	276
● 12 200 216 .375 .	clay	276	285
12 276 280 375 © X	sand	285	288
		288	291
● ○ 12 320 324 375 ● ○ ×	white clay		
	sand and gravel some clay mixed with it	291	320
	blue clay	320	344
(7) PERFORATIONS/SCREENS			
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/			
Screen Liner Dia From To width length slots pipe size			
Screen Casing 12 280 320 .8 12			
	Comments/Remarks		
	Did also Cd and amount in the Control of the Contro	46	iattin
(9) WELL TESTS. Minimum testing time is 1 hours	Did a lot of development, including high pressure air je		
(8) WELL TESTS: Minimum testing time is 1 hour	with water using a mixture of mud dissolving agents. W		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	cap onto the top of the well and pumped down at 600 G		
The gastini Diandonii Dini stenii i anip deptii Daranon (iii)	with almost no back pressure. After initial fill of gravel	pack added	3.5 yd
	during development.	-	
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