STATE OF OREGON

MALH 54164

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

8/14/2014

		rage 1 01 2
WELL I.D. LABEL# L	106330	-
START CARD#	1023551	
ORIGINAL LOG#		

(1) LAND OWNER Owner Well I.D.		,		
First Name KALVIN Last Name MILLER	(9) LOCATION OF WELL (legal description)			
Company 4-D FARMS	County MALHEUR Twp 17.00 S N/S Range 43.00 E E/W WM			
Address 707 E. 600 N.		/ W W IVI		
City RUPERT State ID Zip 83350	Sec 2 SE 1/4 of the NE 1/4 Tax Lot 3000			
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat " or 44.12277000 DMS Long " or -117.40766500 DMS			
Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat Or _44.122//000 DMS	or DD		
(2a) PRE-ALTERATION		or DD		
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address			
Casing:	2575 S. ROAD I, VALE, OR 97918			
Material From To Amt sacks/lbs				
Seal:	(10) STATIC WATER LEVEL			
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft)		
	Existing Well / Pre-Alteration SWE(psi)			
Reverse Rotary Other	Completed Well 8/13/2014 11			
(4) PROPOSED USE Domestic X Irrigation Community	Flowing Artesian? Dry Hole?	<u> </u>		
Industrial/ Commericial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 65.00			
Thermal Injection Other		(ft)		
		L(II)		
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy	8/14/2014 61 84 1	0		
Depth of Completed Well 610.00 ft.		0		
BORE HOLE SEAL sacks.	8/14/2014 87 100 1	0		
Dia From To Material From To Amt lbs 27 0 106 Cement 0 106 150 S	8/14/2014 105 524 300 1	0		
27 0 106 Cement 0 106 150 S	\parallel			
13 360 570	-			
8 570 610	(11) WELL LOG Ground Elevation			
How was seal placed: Method A B C D E	Material From To	_		
X Other CEMENT PUMPED	TOP SOIL 0 2			
Backfill placed from 530 ft. to 610 ft. Material 3/8 PEA GRAVEL	Brown Clay with Boulders 2 5			
Filter pack from 106 ft. to 530 ft. Material 3/8 PEA Size 8/12	Baslt Boulder 5 8			
	Gravel 8 19			
Explosives used: Yes Type Amount Amount	Brown Clay 19 41			
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	Brown Clay 41 57			
Proposed Amount Actual Amount	Brown Clay 57 61			
(6) CASING/LINER	Sandy Brown Clay with some streaks 61 84 Coarse Sand 84 87			
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Brown Clay sand with streaks 87 105			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	FINE BLACK SAND 105 120			
● 16 X 2 110 .250 ● X	Blue Sandy Clay w/streaks fine blk sand 120 145			
○ 20 ★ 1 108 .375 ○ 8 331 530 .250 ○ ★	Blue Sandy Clay w/streaks fine blk sand 145 149)		
8 331 530 .250 (•) X	Fine Black Sand 149 156	5		
	Blue Clay with Sand Streaks 156 165			
Shoe Inside Outside Other Location of shoe(s)	Blue Clay with Sand Streaks 165 171			
Temp casingYes From To	Fine Black Sand 171 174			
(7) PERFORATIONS/SCREENS	Blue Sandy Clay with sand streaks174179Very Fine Black Sand179185			
Perforations Method DOWN HOLE	Very Fine Black Sand 179 185	<u>, </u>		
Screens Type Johnson Material Stainless 304	Date Started 6/30/2014 Complete 8/13/2014			
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/	(unbonded) Water Well Constructor Certification			
Screen LinerDiaFromTowidthlengthslotspipe sizePerfCasing8331525.1251308	I certify that the work I performed on the construction, deepening, altera	tion or		
Screen Casing 16 110 310 .1 16	abandonment of this well is in compliance with Oregon water supp			
Screen Casing 10 110 310 .1	construction standards. Materials used and information reported above are			
	the best of my knowledge and belief.			
	License Number Date			
(8) WELL TESTS: Minimum testing time is 1 hour				
(a) Pump Bailer Air Flowing Artesian	Signed			
	(bonded) Water Well Constructor Certification			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 300 180 310 240	1 ` ′	1		
300 100 310 240	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			
Temperature 65 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and			
· — — — — ·	License Number 1914 Date 8/14/2014			
Water quality concerns?	1914 But 8/14/2014			
	Signed DAVID MCLERAN (E-filed)			
	Contact Info (optional) DAVID MCLERAN			

WATER SUPPLY WELL REPORT - continuation page

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		1 450 2 01 2
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ORIGINAL LOG#		

2a) PRE-ALTERATION	Water Quality Concerns		
Dia + From To Gauge Stl Plstc Wld Thrd	From To Description	Amount	Units
	Description	· iniount	
Material From To Amt sacks/lbs			
			•
5) BORE HOLE CONSTRUCTION	(10) STATIC WATER LEVEL		
	SWL Date From To Est Flow	SWL(psi) +	SWL(ft)
BORE HOLE SEAL sacks/			
Dia From To Material From To Amt lbs		-	
		+	
		-	
		+	
		+	
EII TED DACK			
FILTER PACK From To Material Size	(11) WELL LOG		
From To Material Size		E	Tr.
	Material	From	То
	Very Fine Black Sand	185	194
	Very Fine Black Sand with Clay Streaks	194	218
O CACINICA INED	Cement Silt	218	245
6) CASING/LINER	Silt Very Fine Sand & Clay layers	245	313
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Silty Sandy Clay	313	335
Casing Einer Dia + From To Gauge Sti Tiste Wid Find	Blue Clay	335	342
	Silty Sandy Clay	342	385
	Silt Stone	385	386
	Blue Clay	386	425
	Sand Streaked Shale Silt Stone	425 432	432
	Blue Streaked Shale	434	434
	Blue Sandy Clay	477	503
	Sandy Shale	503	523
	Silt Stone	523	524
	Sandy Blue Shale	524	610
	Bandy Blue Shale	324	010
PERFORATIONS/SCREENS			
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/			
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ Screen Liner Dia From To width length slots pipe size			
Screen Emer Dia From 10 widin length stots pipe size			
	-		
	Comments/Remarks		
	All casing is single set		
(8) WELL TESTS: Minimum testing time is 1 hour	All casing is single set.		
-			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)			
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