

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

MALH 54164

WELL I.D. LABEL# L 106330
START CARD # 1023551
ORIGINAL LOG #

8/14/2014

(1) LAND OWNER
Owner Well I.D.
First Name KALVIN Last Name MILLER
Company 4-D FARMS
Address 707 E. 600 N.
City RUPERT State ID Zip 83350

(2) TYPE OF WORK
[X] New Well [] Deepening [] Conversion
[] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrld
Casing: [] [] [] [] [] [] [] []
Material From To Amt sacks/lbs
Seal: [] [] [] [] [] [] [] []

(3) DRILL METHOD
[] Rotary Air [X] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE
[] Domestic [X] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION
Special Standard [] (Attach copy)
Depth of Completed Well 610.00 ft.

Table with columns: Dia, From, To, Material, From, To, Amt, sacks/lbs. Row 1: 27, 0, 106, Cement, 0, 106, 150, S

How was seal placed: Method [] A [] B [] C [] D [] E

[X] Other CEMENT PUMPED

Backfill placed from 530 ft. to 610 ft. Material 3/8 PEA GRAVEL

Filter pack from 106 ft. to 530 ft. Material 3/8 PEA Size 8/12

Explosives used: [] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Table with columns: Casing, Liner, Dia, +, From, To, Gauge, Stl, Plstc, Wld, Thrld. Row 1: 16, 311, 331, .375, [X], [], [X]

Shoe [] Inside [] Outside [] Other Location of shoe(s)

Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method DOWN HOLE

Screens Type Johnson Material Stainless 304

Table with columns: Perf/ Screen, Casing/ Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/ pipe size. Row 1: Screen, Casing, 8, 331, 525, .125, 1, 30, 8

(8) WELL TESTS: Minimum testing time is 1 hour

[X] Pump [] Bailer [] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 300, 180, 310, 240

Temperature 65 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below) TDS amount

Table with columns: From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description)

County MALHEUR Twp 17.00 S N/S Range 43.00 E E/W WM

Sec 2 SE 1/4 of the NE 1/4 Tax Lot 3000

Tax Map Number Lot

Lat " or 44.12277000 DMS or DD

Long " or -117.40766500 DMS or DD

[] Street address of well [X] Nearest address

2575 S. ROAD I, VALE, OR 97918

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Pre-Alteration, Date, SWL(psi), +, SWL(ft). Row 1: Completed Well, 8/13/2014, 11

[] Flowing Artesian? [] Dry Hole?

WATER BEARING ZONES Depth water was first found 65.00

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), +, SWL(ft). Row 1: 8/14/2014, 61, 84, 10

(11) WELL LOG

Ground Elevation

Table with columns: Material, From, To. Row 1: TOP SOIL, 0, 2

Date Started 6/30/2014 Complete 8/13/2014

(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.

License Number Date

Signed

(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.

License Number 1914 Date 8/14/2014

Signed DAVID MCLERAN (E-filed)

Contact Info (optional) DAVID MCLERAN

WATER SUPPLY WELL REPORT - continuation page

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WELL I.D. LABEL# L

106330

START CARD #

1023551

8/14/2014

ORIGINAL LOG #

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
					<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE				SEAL				sacks/
Dia	From	To	Material	From	To	Amt	lbs	

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<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"/>	<input type="checkbox"/>
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<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Screen Dia	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(11) WELL LOG

Material	From	To
Very Fine Black Sand	185	194
Very Fine Black Sand with Clay Streaks	194	218
Cement Silt	218	245
Silt Very Fine Sand & Clay layers	245	313
Silty Sandy Clay	313	335
Blue Clay	335	342
Silty Sandy Clay	342	385
Silt Stone	385	386
Blue Clay	386	425
Sand Streaked Shale	425	432
Silt Stone	432	434
Blue Streaked Shale	434	477
Blue Sandy Clay	477	503
Sandy Shale	503	523
Silt Stone	523	524
Sandy Blue Shale	524	610

Comments/Remarks

All casing is single set.