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

UMAT 57433

WELL I.D. LABEL# L 83574
START CARD # 1024935
UMATILLA

(1) LAND OWNER

Owner Well I.D.
First Name Last Name
Company RIVERPOINT FARMS
Address 115 HERMISTON AVE, STE. 240
City HERMISTON State OR Zip 97838

X New Well Deepening Conversion
Abandonment(complete 5a)

To Gauge Stl Plstc Wld Thrd

(3) DRILL METHOD

X Rotary Air Rotary Mud Cable Auger Cable Mud
Reverse Rotary Other

(4) PROPOSED USE

Domestic Irrigation Community
X Industrial/ Commericial Livestock Dewatering
Thermal Injection Other

(5) BORE HOLE CONSTRUCTION

Special Standard (Attach copy)
Depth of Completed Well 307.00 ft.

BORE HOLE Dia	From	To	Material	SEAL From	To	Amt	sacks/ lbs
12	0	18	Bentonite Chips	0	18	48	S
10	18	99				10.21	
7.5	99	307	Cement	89	99	4	S
						1.29	

How was seal placed: Method A X B C D E
X Other BENTONITE POURED
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: Yes Type Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
•		8	X	1	99	.250	•		X	
	•	4.5		87	307	sch 80		•		X

Shoe X Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method skil saw
Screens Type Material

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner	4.5	267	307	.125	6	160	

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

◯ Pump (•

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
150		307	1

Temperature 58 °F Lab analysis Yes By

(9) LOCATION OF WELL (legal description)

County UMATILLA Twp 4.00 N N/S Range 27.00 E E/W WM
Sec 25 SE 1/4 of the SE 1/4 Tax Lot 500
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
•
28790 WESTPORT LN. HERMISTON, OR 97838

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	11/11/2014			71

WATER BEARING ZONES Depth water was first found 66.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
11/7/2014	66	93	100			44
11/24/2014	272	295	150			71

(11) WELL LOG

Ground Elevation

Material	From	To
Silt	0	5
cemented gravels	5	28
sandy loam	28	47
sandstone	47	83
broken basalt	83	93
med black basalt	93	133
soft black/brown basalt and blue clay	133	136
blue clay	136	156
brown basalt/blue clay	156	187
med black basalt	187	272
fractured black basalt/hard gray clay	272	286
fractured black basalt	286	295
med black basalt	295	307

Date Started 11/6/2014 Completed 11/11/2014

(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. Materials used and information reported above are true to the best of my knowledge and belief.

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. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

1766 3/16/2015

BRANDON C BROWN (E-filed)

REVISED
4:25 pm, Mar 26, 2015

WATER SUPPLY WELL REPORT - continuation page

UMAT 57433

WELL I.D. LABEL# L 83574
START CARD # 1024935
ORIGINAL LOG # UMATILLA

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

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

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	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

Comments/Remarks

The top end of the hole caved a couple of times while trying to to get down to the 18' level for our surface seal. We had a large hole once we got to depth. After placing the first 20' of casing in the hole, we added the bentonite and it took 35 sacks. Our under reaming system drills a 10' hole ahead of the casing. When thus in a dry hole the bentonite easily follows the pipe. We added an additional 13 sacks while advancing the pipe the rest of of the way to 99', prior to pressure cementing.