UNIO 52399

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

WELL LABEL # L	100219
START CARD#	1019349

COLUMN OWNER OF WHILE	
(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)
First Name Steve Last Name Delashmutt	County UNION Twp 3 S N/S Range 38 E E/W WN
Company MDB Farms LLC	Sec 12 NE 1/4 of the SE 1/4 Tax Lot 2600
Address 61070 Pierce Rd	Tax Map Number Lot
City La Grande State OR Zip 97850	Lat ° ' " or 45.3181 DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long o ' or 117.9939 DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well • Nearest address
(3) DRILL METHOD	1/2 mile north of the intersection of Anson Rd and Gekeler 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 05-17-2013 51
Industrial/Commericial Livestock Dewatering	Flowing Artesian? Dry Hole?
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 51
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	
Depth of Completed Well 518 ft.	04-16-2013 24 53 SWEARS 51
BORE HOLE SEAL sacks/	04-16-2013 56 100 51
Dia From To Material From To Amt lbs	04-16-2013 118 133 51
24 0 535 Cement 1 15 9,000 P	04-16-2013 136 259 51
Bentonite Chips 15 58 14,40 a P	04-16-2013 274 27751
	(11) WELL LOG Ground Elevation
How was seal placed: Method A B XC D E	Material From To
Other	Top Soil 0 9
Backfill placed from 58 ft. to 105 ft. Material Fill	Brown Burnt Clay 9 13
Filter pack from 105 ft. to 520 ft. Material SECOMMENTS	Fine Sand 13 15
	Coarse Sand 15 21
Explosives used:Yes Type Amount	Med Gravel (3" Minus 21 53
(6) CASING/LINER	Brown Burnt Clay 53 56
Casing Liner Dia + From To Gauge Stl Plste Wld Thrd	Gravel And Sand 56 100
	Brown Burnt Clay 100 113
(a)	Blue Clay 113 115
● 16 202 282 .375 ● X ● 16 292 314 .375 ● X	Blue and Brown Clay Mix 115 118
● 16 202 282 .375 ● X ● 16 292 314 .375 ● X ● 16 334 384 .375 ● X	Sand and Med Gravel 118 133 Brown Clay RECEIVED BY OWRD 133 136
16 394 405 .375 X	Brown Clay RECEIVED BY OWRD 133 136
Shoe Inside Outside Other Location of shoe(s)	Sand and Gravel 141 259
_	Gray Sticky Clay '\Y 10 7013 259 274
	Fine to Med Blue Sand 274 277
(7) PERFORATIONS/SCREENS	Blue Clay 277 282
Perforations Method	Fine to Coarse Blue Sand SALEM, OR 282 292
Screens Type Johnson Material Mild Steel	Grey Clay 292 299
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Date Started 03-29-2013 Completed 04-19-2013
creen Liner Dia From To width length slots pipe size	
Screen Casing 16 152 202 .03 Screen Casing 16 282 292 .03	(unbonded) Water Well Constructor Certification
Screen Casing 16 282 292 .03 Screen Casing 16 314 334 .03	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 16 384 394 .03	construction standards. Materials used and information reported above are true to
Screen Casing 16 405 415 .03	the best of my knowledge and belief.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date
`,	
Pump Bailer • Air Flowing Artesian	Password : (if filing electronically) Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
250 220	(bonded) Water Well Constructor Certification
250 220 1	I accept responsibility for the construction, deepening, alteration, or abandonme
	work performed on this well during the construction dates reported above. All wo
Temperature 64 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply we construction standards. This report is true to the best of my knowledge and belief.
Water quality concerns? Yes (describe below)	
From To Description Amount Units	License Number 1505 Date 5/1/13
	Password: (if filing electronically)
	Signed Contact Introduction
ORIGINAL - WATER RESOURCES IT THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT.	DEPARTMENT MENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

UNIO 52399

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. # L <u>/00219</u> START CARD # <u>/0/9349</u>

(5) B	ORE E	IOLE (COI	NSTRUC	TION				
I	BORE H	OLE				SEAI	_		sacks/
Dia	From	ı To		Materi	al	From	To	Amt	_lbs_
			\neg						
	FILT	ER PAC	K						
	From	To	Ma	iter <u>i</u> al	Size				
	105	143			pea grave	el			
	143	207	Cole	orado Sand	6/9				
	207	276			pea grave	el			

(6) CASING/LINER

Casing Liner Dia	+	From	To	Gauge	Sti Plste Wld Thrd
O 16		415	453	.375	
16		463	503	.375	\odot \bigcirc \boxtimes \square
16		513	518	.375	\odot \bigcirc \boxtimes \square
o o					
0 0					
	Ш				\bigcirc \bigcirc \square \square

(7) PERFORATIONS/SCREENS

	Casing/ Liner	Screen Dia	From	То	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Casing	16	453	463	.03			
Screen	Casing	16	503	513	.03			

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

Yield gal/min	<u>Drawdown</u>	Drill stem/Pump depth	Duration (hr)
			_

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
04-16-2013	282	292			51
04-16-2013	299	305			51
04-16-2013	309	334			51
04-16-2013	340	345			51
04-16-2013	380	394			51
04-16-2013	405	415			51
04-16-2013	445	463			51
04-16-2013	505	515			51
-					

(11) WELL LOG

Material	From	To
Fine to Coarse Blue Sand	299	305
Grey Clay	305	309
Fine To Med Blue Sand Some Pea Gravel	309	334
Grey Clay	334	340
Fine Sand	340	345
Grey Clay	345	380
Coarse Sand with Pea Gravel	380	394
Grey Clay	394	405
Fine Blue Sand	405	415
Grey Clay	415	425
Blue and Grey Clay Mix	425	445
Dirty Fine to Med Sand	445	463
Grey Clay	463	505
Coarse Blue Sand	505	515
Grey Sticky Clay	515	535
-		

Comments/Remarks

Continuation of filter pack: 276-338 Colorado Sand #6/9	
338-380 Pea Gravel	
380-422 Colorado Sand #8/12	RECEIVED BY OWRD
422-447 Pea Gravel	
447-465 Colorado Sand #8/12	
465-493 Pea Gravel	MAY 1 0 2013
493-512 Colorado Sand #8/12	
512-535 Pea Gravel	
	SALEM, OR
	OALLWI, OH