

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

WELL LABEL # L 96342
 START CARD # 1010352

(1) LAND OWNER Owner Well I.D. 1R

First Name _____ Last Name _____
 Company R.D. Offut Co
 Address 75906 Threemile Rd
 City Boardman State OR Zip 97818

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (repair/recondition) Abandonment

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

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

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 1,260 ft.

BORE HOLE			SEAL				sacks/lbs	
Dia	From	To	Material	From	To	Amt		
20	0	174	Cement	0	174	171	S	
16	174	480	Cement	0	480	243	S	
12	480	1,260						

How was seal placed: Method A B C D E
 Other _____

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
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16		2	174	.375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	12		0	480	.375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

(7) PERFORATIONS/SCREENS

Perforations Method _____
 Screens Type _____ Material _____

Perf/S	Casing/	Screen	Scrm/slot	Slot	# of	Tele/
creen	Liner	Dia	width	length	slots	pipe size

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
3,000		1,260	1
1500	20'		5

Temperature 78 °F Lab analysis Yes By _____

Water quality concerns? Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County MORROW Twp 3 N N/S Range 23 E E/W WM
 Sec 26 SW 1/4 of the NE 1/4 Tax Lot 100
 Tax Map Number _____ Lot _____
 Lat _____ " or 0 DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address

75906 Threemile Rd

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL(psi)	+ SWL(ft)
Completed Well	08-10-2010		252

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 512

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
07-27-2010	512	630	650		255
07-28-2010	630	770	1,250		257
07-29-2010	770	910	2,000		253
08-10-2010	910	1,200	3,000		254

(11) WELL LOG Ground Elevation _____

Material	From	To
Sandy top soil	0	2
Packed sand brown	2	13
Packed sand & claystone rock	13	15
Packed sand & streaks of sandstone & claystone	15	31
Silty clay more sticky	31	36
Little claystone mixed	36	42
More claystone	42	44
Tan shaley clay silty	44	53
Tan & grey bentonite clay	53	75
Tan & brown shale rock Soft	75	85
Visc rock Grey & brown Med	85	93
Visc rock Grey & brown Hard	93	100
Black grey basalt Hard	100	114
Black grey brown borken rock Hard	114	116
Black grey brown borken rock with clay	116	118
Brown & blue clay w/ rock & sand mixed	118	123
Blue shaley sticky clay	123	126
Blue shaley rock & clay	126	138

(CONTINUED BELOW)

Date Started 06-30-2010 Completed 08-12-2010

(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 _____
 Password: (if filing electronically) _____
 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.

License Number 1293 Date 08-24-2010
 Password: (if filing electronically) _____
 Signed Jim Heuser
 Contact Info (optional) _____

(5) BORE HOLE CONSTRUCTION

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

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/S cren	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

Water Bearing Zones

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

(11) WELL LOG

Material	From	To
Blue shaley rock w/ few clay streaks	138	142
Blue & black shaley rock w/ clay & sandstone	142	161
Black visicular Hard	161	168
Black & brown blue rock Harder	168	171
Grey 7 black basalt w/ blue Hard	171	177
Black rock w/ blue shale in seams & reddish brown visicular (little water 3gpm)	177	186
Black basalt w/ blue shale in seams Med	186	203
Grey basalt Hard	203	265
Black rock blue shale med	265	282
Broken black rock blue shale vis. WB	282	300
Black blue shale rock Soft & sandstone	300	320
More blue clay & sandstone	320	335
More sandstone	335	355
Sandstone shale clay little brown rock	355	360
Blue sticky clay	360	361
Shale rock. Less sandstone clay seam	361	396
Same. More firm some rock brown & black	396	401
Brown clay rock & wood mixed	401	406
Brown shaley clay	406	414
Grey shaley clay	414	432
Broken rock & blue clay	432	441
Blue black shale rock	441	448
Blue black shale rock Harder	448	460
Blue sticky clay	460	463
Black basalt fractured layers	463	512
Black & grey rock Soft blue shale in seams WB	512	531
Black & grey rock badly borken hole 532-533 WB	531	535

(CONTINUED ON ATTACHED)

Comments/Remarks

SEP 2 - 2010

SEP 7 2010

MORR 51871

WATER SUPPLY WELL REPORT -
continuation page

WELL I.D. # L _____

START CARD # _____

(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

(7) PERFORATIONS/SCREENS

Perf/S creen	Casing/ Liner	Screen Dia	From	To	Scrm/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

Water Bearing Zones

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

(11) WELL LOG

Material	From	To
Black basalt Hard Fractured	535	545
Broken visicular brown, black rock	545	592
Black basalt fractured Hard	592	610
Brown black vis. rock Med Blue shale WB	610	633
Black basalt Fractured Hard. Med layers Some broke	633	754
Black & brownish tint rock Some visicular hard & Med layers WB	754	775
Black visicular Trace of brown rock w/ black coal	775	783
looking soft seams. Hard Med & Soft layers WB	775	783
Black basalt w/ fractured zones. Broken layers & 6'-5' layers of visicular rock w/ trace of brown	783	1,260

Comments/Remarks

SEP 2 - 2010

WATER SUPPLY WELL DEPT