

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

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WELL #2

WELL ID # L 48803

START CARD # 138719

(1) OWNER:

Well Number.

Name **SAR-BEN Farms**

Address **23231 River Road N.E.**

City **St Paul** State **OR** Zip **97137**

(2) TYPE OF WORK:

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well **394** ft.
Explosives used ☐ Yes ☒ No Type Amount

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
20in.	0' 50'	Bentonite	0' 50'	222 sacks	
16in.	50' 398'				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☒ Other **Bentonite placed as 20 in. pulled**

Backfill placed from **394** ft. to **398** ft. Material **1-inch gravel**

Gravel placed from **286** ft. to **394** ft. Size of gravel **6/9cssi**

(6) CASING/LINER:

	Diameter	From To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16in.	+3' 307'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	10in.	280' 307'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used ☐ Inside ☒ Outside ☐ None

Final location of shoe(s) **307'**

(7) PERFORATIONS/SCREENS:

☐ Perforations Method
☒ Screens Type **v-slot** Material **304 SS**

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
307'	312'	.070		10 in.	PS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
312'	315.5			10 in.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
315.5	376'	.070		10 in.	Tele.	<input type="checkbox"/>	<input type="checkbox"/>
376'	394'			10in.		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
250	90'		1/2hr.
300	116'		1/2hr.
350	193'		3.5hrs.

Temperature of Water **54deg.** Depth Artesian Flow found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County **Marion** Latitude Longitude
Township **4S** N or S. Range **2W** E or W. of WM.
Section **4** SW 1/4 SW 1/4
Tax lot **1700** Lot Block Subdivision
Street Address of Well (or nearest address) **23231 River Road N.E.**

(10) STATIC WATER LEVEL:

87' ft. below land surface. Date **1/3/2002**
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
307'	376'	350gpm	87'

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
Top soil	0'	2'	
Brown clay	2'	25'	
Brown-gray clay	25'	28'	
Light-gray clay	28'	40'	
Dark-gray clay, sticky	40'	90'	
Blue clay, sticky	90'	164'	
Green-gray clay, sticky	164'	213'	
Gray clay w/ some sand	213'	224'	
Gray sandy w/ small pea gravel, sticky	224'	245'	
Gray silty clay w/ some sand	245'	264'	
Gray silty clay w/ sand layers and small pea gravel	264'	312'	
Small-medium gravel w/ sand & some gray silty clay	312'	382'	87'
Gray clay, sticky	382'	398'	

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FEB 06 2002

WATER RESOURCES DEPT

SALEM, OREGON

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Date started **4/30/2001**

Completed **1/8/2002**

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

Signed **Max Mander** WWC Number **719**
Date **1-30-02**

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

Signed **Michael Waldroop** WWC Number **633**
Date **1/30/02**

ORIGINAL - WATER RESOURCES DEPARTMENT

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SECOND COPY - CUSTOMER

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START CARD # 163484

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

☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger
☐ Other

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 292 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

			5% bentonite		
18"	260	292			
18"	292	350	Cement & 5% Benti.	292-350	37sac

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 260 ft. to 292 ft. Size of gravel pea

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	SEE BELOW				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2 1/2"	+1'	264		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	For Gravel	Feed			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<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"/> Perforations Method _____ stainless steel <input checked="" type="checkbox"/> Screens Type <u>v wire</u> Material <u>304 stainless</u>							
From	To	Slot size	Number	Diameter	Tube/pipe size	Casing	Line
+1' 8"	266'			12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
266'	276'	.180		12"	p.s.	<input type="checkbox"/>	<input type="checkbox"/>
276'	292'			12"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
288'	292'	Cement plug				<input type="checkbox"/>	<input type="checkbox"/>

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
600	145		1 hr.
600	149		3 hrs
600	151		6 hrs

Depth of strata: _____

Tax Lot 800 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 23231 River Rd.NE
St.Paul, OR 97137

66' ft. below land surface. Date 6/9/05
Artesian pressure lb. per square inch. Date

Depth at which water was first found 238

From	To	Estimated Flow Rate	SWL
238	269	100	66
269	274	600	66
304	309	20	66

Ground Elevation _____

[illegible]

Date started 2/15/05 Completed 7/14/05

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

Signed 802, 1 for WWC Number 1704
Date 8/10/05

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

Signed Ivan L. Swasey WWC Number 783 Date 8/9/05

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SALEM, OREGON

Dairy Farm Ltd. Partnership

C/O Marlin Rassmussen

Well I.D.# L75903

23231 River Rd. NE

St. Paul, OR 97137

Start Card # 163484

Marion County Township: 4S Range: 2W Sec: 4 SE1/4, NW1/4

23231 River Rd. NE St.Paul, OR Tax Lot: 800

WELL LOG

Material	From	To	SWL
Topsoil	0	1	
Clay brown	1	29	
Clay silty brown	29	31	
Clay silty gray & fine sand	31	37	
Clay silty gray	37	45	
Clay silty dark gray & fine sand	45	84	
Clay green	84	103	
Clay green sandy	103	106	
Clay green silty	106	118	
Clay gray sticky	118	128	
Clay green sandy	128	137	
Clay green sandy, some gravel	137	141	
Clay blue & gray, sticky	141	149	
Clay green sticky	149	154	
Clay brown sticky	154	159	
Clay brown sandy	159	171	
Sand brown & silt	171	173	
Clay gray & brown, sticky	173	191	
Sand fine & silt	191	193	
Clay light brown & gray	193	206	
Sand & silt brown	206	209	
Clay light brown, sticky	209	213	
Clay gray & brown	213	218	
Clay gray & brown, sticky	218	235	
Clay sandy brown	235	238	
Clay gray & sand	238	259	66'
Gravel & clay gray, cemented	259	269	
Gravel & cemented clay w/seams of loose gravel	269	274	66'
Gravel & clay sandy gray	274	281	66'
Clay gray & brown sticky	281	302	
Clay dark gray	302	304	
Clay sandy dark gray	304	309	66'
Clay gray	309	350	

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