

WELL 2 J
BASED ON ROUGH WELL LOG

UNIO 51834
DEPARTMENT GENERATED

STATE OF OREGON
WATER SUPPLY WELL REPORT By ROBERT MAYNARD 12-7-06
(as required by ORS 537.765)

WELL I.D. # L

START CARD # 159574

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

(1) LAND OWNER Name DE LINT FARMS Well Number _____
Address 65324 ALICE FARMS
City COVE State OR Zip 97824

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

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other REVERSE ROTARY

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 792 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
36	0	187	CEMENT	0	187	18 YARDS
24	187	792				

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

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 0 ft. to 792 ft. Size of gravel 1/4 GRAVEL

Casing:	Diameter		Gauge	Steel				Plastic					
	From	To		Welded	Threaded	Welded	Threaded	Welded	Threaded				
	24	+1	187	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	16	+2	200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS Method FACTORY

Perforations Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>Below 200</u>	<u>792</u>				<u>16</u>	<input 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
<u>UNKNOWN</u>			

Temperature of water _____ 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 (legal description)
County UNION
Tax Lot 7422 Lot _____
Township 2 S N or S Range 39 E E or W WM
Section 8 SW 1/4 SW 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 65324 ALICE LANE

(10) STATIC WATER LEVEL
_____ ft. below land surface. Date _____
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
<u>UNKNOWN</u>	<u>UNKNOWN</u>		

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
SOIL	0	3	
SAND & CLAY	3	15	
RIVER RUN + COURSE SAND	15	37	
CLAY, SAND, GRAVEL	37	50	
TAN CLAY	50	68	
SAND + CLAY	68	86	
GREEN CLAY + SAND	86	143	
TAN CLAY	143	162	
GREY CLAY + SANDS	162	246	
BROWN CLAY + SANDS	246	257	
GREEN CLAY + SANDS	257	354	
BROWN CLAY + SAND	354	405	
CLAYS BROWN + GREEN WITH SAND AND SAND STREAKS	405	792	

Date Started 2-15-2005 Completed 8-11-2005

(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.

WWC Number _____ Date DEC 30 2013
Signed _____ SALEM, OR

(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.

WWC Number 1399 Date _____
Signed WALDO LOWE

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DRILLING LOG		DIVISION	INSTALLATION	SHEET OF SHEETS
1. PROJECT		10. SIZE AND TYPE OF BIT		
2. LOCATION (Coordinates or Station)		11. DATUM FOR ELEVATION SHOWN (TBM or MS) <i>MS</i>		
3. DRILLING AGENCY		12. MANUFACTURER'S DESIGNATION OF DRILL		
4. HOLE NO. (As shown on drawing title and file number)		13. TOTAL CORE RECOVERY FOR BORING %		
5. NAME OF DRILLER		14. TOTAL NUMBER OF CORE BOXES		
6. DIRECTION OF HOLE <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.		15. ELEVATION GROUND WATER		16. DATE HOLE STARTED COMPLETED
7. THICKNESS OF OVERBURDEN		17. ELEVATION TOP OF HOLE		
8. DEPTH DRILLED INTO ROCK		18. NAME OF GEOLOGIST		
9. TOTAL DEPTH OF HOLE		19. SIGNATURE OF GEOLOGIST		

PENET. RATE (f/hr)	DEPTH (ft)	LITHOLOGY	CLASSIFICATION OF MATERIAL (DESCRIPTION)	WATER LEVEL (DATE)	FLOW-LINE TEMP.		H ₂ O (gpm)	TIME DATE	REMARKS: CASING, CORING POINTS, BOTTOM-HOLE TEMP., WATER SAMPLING AND TEMP. POINTS
					IN	OUT			
	0-3		Tan clay						
	3-								
	15' 37		Rough Run + coarse sand 1/8" 1/4"						
	38 42		clay + some gravel + sand - Tan color						
	42 44		sand + gravel						
	44 47		more clay + sand gravel						
	47 50		Tan clay						
	52		Brown clay						
	53' 55'		Tan clay						
	55 60		Tan clay						
	60 68		Tan clay						
	70		harder clay sand coarse about 1/2 1/6 1/4						
	86		clay green "hard"						
	87		coarse sand + gravel up to 3/8"						
	97 98		TAN CLAY						
	100 117		Green clay						
	118 120		Grey clay w/ coarse sand						
	121 125		Grey clay w/ fine sand						
	126 143		Grey clay						
	145 147		Sand coarse black						
	148 162		Clay Tan						
	163 170		Clay Tan Fine sand shale						

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DRILLING LOG	DIVISION	INSTALLATION	SHEET OF SHEETS
1. PROJECT		10. SIZE AND TYPE OF BIT	
2. LOCATION (Coordinates or Station)		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)	
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5. NAME OF DRILLER		14. TOTAL NUMBER OF CORE BOXES	
6. DIRECTION OF HOLE <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.		15. ELEVATION GROUND WATER	
7. THICKNESS OF OVERBURDEN		16. DATE HOLE STARTED COMPLETED	
8. DEPTH DRILLED INTO ROCK		17. ELEVATION TOP OF HOLE	
9. TOTAL DEPTH OF HOLE		18. NAME OF GEOLOGIST	
		19. SIGNATURE OF GEOLOGIST	

PENET. RATE (ft/hr)	DEPTH (ft)	LITH- OLOGY	CLASSIFICATION OF MATERIAL (DESCRIPTION)	WATER LEVEL (DATE)	FLOW-LINE TEMP.		H ₂ O (gpm)	TIME DATE	REMARKS: CASING, CORING POINTS, BOTTOM-HOLE TEMP., WATER SAMPLING AND TEMP. POINTS
					IN	OUT			
225	234		Green clay stone						
235	239		Clay Green Sand Fine						
240	246		Clay Brown						
247			Clay Brown Sand Black - Wood						
248			Clay Brown Sand 1/16"						
249	257 257		Clay Green Shale						
258			Clay Green Sand small Wood						
258	261		Clay Green Sand 1/16"						
262	265		Clay Green more sand 1/16						
266			Clay Green						
267			Clay Green Sand small Wood						
268	279		Green Sand Stone						
280	290		Clay Brown						
291	300		Clay Green						
301			Sand Clay Brown						
302	303		Clay Green Mica						
304	306		Clay Grey Clay Stone						
307	354		Clay Stone						
355	356		Clay Brown Some Fine Sand						
357	360		Clay Brown Sand 1/8						
361	362		Wet sand 1/8						
363			Clay Brown 1/32 - 1/16 Sand						
364	367		Sand 1/8						

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2. LOCATION (Coordinates or Station)	12. MANUFACTURER'S DESIGNATION OF DRILL		13. TOTAL CORE RECOVERY FOR BORING %
3. DRILLING AGENCY	14. TOTAL NUMBER OF CORE BOXES		15. ELEVATION GROUND WATER
4. HOLE NO. (As shown on drawing title and file number)	16. DATE HOLE	STARTED	COMPLETED
5. NAME OF DRILLER	17. ELEVATION TOP OF HOLE		
6. DIRECTION OF HOLE <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.	18. NAME OF GEOLOGIST		
7. THICKNESS OF OVERBURDEN	19. SIGNATURE OF GEOLOGIST		
8. DEPTH DRILLED INTO ROCK	9. TOTAL DEPTH OF HOLE		

PENET. RATE (ft/hr)	DEPTH (ft)	LITHOLOGY	CLASSIFICATION OF MATERIAL (DESCRIPTION)	WATER LEVEL (DATE)	FLOW-LINE TEMP.		H ₂ O (gpm)	TIME / DATE	REMARKS: CASING, CORING POINTS, BOTTOM-HOLE TEMP, WATER SAMPLING AND TEMP. POINTS
					IN	OUT			
405	411		Clay Green Hard						
412	414		Clay Green Sand						
415	417		Clay Green Sand 1/32 1/16						
418	421		Clay Green Clay Stone						
422	426		Clay Brown						
427			Clay Brown Sand 1/32 1/16						
428	431		Clay Brown						
432			Clay Brown Sand 1/16 1/8						
433	434		Clay Brown						
435	436		Clay Brown Sand 1/16 1/8						
437			Clay Brown Clay Tan						
438	442		Clay Brown Sand 1/32 1/8						
443			Clay Brown Clay Stone						
444	445		Clay Brown Sand 1/32 1/16						
446			Clay Tan Clay Green						
447	448		Clay Brown						
449			Clay Green Clay Grey						
450	470		Sand 1/32 1/8 1/4 Pond took water						Few Thousand Gallons
471	475		Clay Brown						
476	477		Clay Brown Sand to Rock						

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					IN	OUT			
511	516		SAND 1/16 3/4						
517			CLAY Green w/Rock 1/16 1/8						
518			SAND 1/16 1/4						
519	526		CLAY Green						
527	532		CLAY light Green SAND 1/16 1/8 white						
533	536		CLAY light Green HARD						
537	538		CLAY light Green Rock White 1/16 1/8						
539	544		CLAY light Green SAND 1/16 1/32 very little						
545	546		CLAY light Green						
547			CLAY Green SAND 1/32						
548	553		CLAY light Green HARD						
554	556		CLAY green CLAY Brown						
557	565		CLAY Brown						
566	571		CLAY Green SAND 1/8 1/16 1/32						
572	578 581		COARSE SAND 1/32 1/4						
582	586		CLAY Grey						
587	592		CLAY Brown SAND 1/16 1/8						
593			CLAY Grey						
594	595		SAND 1/16 1/8						
596	600		CLAY Green						
600	613		COARSE SAND 1/16 1/8 SAND 1/16						

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					IN	OUT			
659	662		Clay Green						
663	664		Coarse Sand						
670	672		Rock 1/4 +						
672			6" of Clay Green						
673	674		Sand 1/16 1/8						
675	678		Clay Green						
678									
679	681		Fine Sand						
682			Clay Green						
685			Fine Sand						
684	684		Sand 1/16 1/2						
690	698		Rock 1/16 3/4						
698	700		Clay Brown Clay Green Sand 1/16 1/8 +						
700	717		Grey Clay						RECEIVED BY OWRD
717	722		Sand 1/16 1/2						DEC 30 2013
722	727		Clay Grey Some Sand 1/32 1/16 1/8						SALEM, OR
727	739		Clay Green						
739	750 749		Sand 1/32 1/8 - 1/4 w/ Clay Green						
250	756		Sand 1/8 1/4 (754 Wood)						
757	761		Clay Green						
762	766		Clay Green Sand 1/8						
767	770		Clay Green						
770	775		Clay Brown/Grey <u>Hard</u>						
776	781		Clay Green Sand 1/10 1/4						
781	783		Clay Stone						

6 bags Bentonite From Rien

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

05-07-2009

WELL LABEL # L 85262

START CARD # 1006339

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

First Name MARK Last Name DELINT
Company DELINT FARMS
Address 65324 ALICEL LANE
City COVE State OR Zip 97824

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

(3) DRILL METHOD
[] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud
[X] 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 840.00 ft.

Table with columns: Dia, From, To, Material, SEAL From, To, Amt, lbs. Includes data for Bentonite seal.

How was seal placed: Method [] A [] B [] C [] D [] E
[X] Other Dry Pour
Backfill placed from ___ ft. to ___ ft. Material ___
Filter pack from 40 ft. to 850 ft. Material Gravel Size pea gravel
Explosives used: [] Yes Type ___ Amount ___

(6) CASING/LINER Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes data for 16 inch casing.

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

(7) PERFORATIONS/SCREENS
Perforations Method ___
Screens Type Wire Wrap Material M.S. ___

Table with columns: Perf/S, Casing/Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size. Includes data for 16 inch casing screens.

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

Table with columns: Pump/Bailer/Air/Flowing Artesian, Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Includes data for 150 gal/min yield.

Table with columns: From, To, Description, Amount, Units. Includes temperature 68 F and water quality concerns.

(9) LOCATION OF WELL (legal description)

County Union Twp 2.00 S N/S Range 39.00 E E/W WM
Sec 17 SW 1/4 of the NW 1/4 Tax Lot 7300
Tax Map Number ___ Lot ___
Lat ___ " or ___ DMS or DD
Long ___ " or ___ DMS or DD
[] Street address of well [X] Nearest address

1 MILE SOUTH ON CASE ROAD FROM INTERSECTION OF CASE ROAD AND ALICEL LA

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)

Table with columns: Existing Well / Predeepening, Completed Well, Flowing Artesian?, Dry Hole?. Includes data for completed well on 04-28-2009.

WATER BEARING ZONES Depth water was first found 26

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Includes data for various dates from 03-06-2009 to 03-09-2009.

(11) WELL LOG

Table with columns: Material, From, To. Includes soil types like Top Soil, Sandy Loam, Fine - Med Sand, etc.

Date Started 03-06-2009 Completed 04-24-2009

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the completion, 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 ___
Electronically Filed
Signed TERRY DAUGHERTY (E-filed) SALEM, OR

(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 1505 Date 05-07-2009
Electronically Filed
Signed TERRY DAUGHERTY (E-filed)
Contact Info (optional)

