

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

LANE
 5426

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DEC 22 1994

21s/3E/15CA

WATER RESOURCES DEPT. (START CARD # 56077)

SALEM, OREGON

(1) OWNER:
 Name Oregon Dept. of Fish & Wildlife
 Address P.O. Box 59
 City Portland State OR Zip _____

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable
 Other _____

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

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 202 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE
 Diameter From To Material From To Amount
 16 0 44 Cement 0 44 55 sks
 12 44 202 _____ _____ _____

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from 202 ft. to 203 ft. Material native slough
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	12	+3	201	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 201

(7) PERFORATIONS/SCREENS:
 Perforations Method Millsknife
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
140	197	.3x2.5	684			<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
See attached data, also step tested:			
250	34		0.5hr
500	68		next 0.75hr
700	95		next 0.75hr

Temperature of Water 48°F 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 shallow
 Depth of strata: 16-29 SEI 9441

(9) LOCATION OF WELL by legal description:
 County Lane Latitude _____ Longitude _____
 Township 21S N or S. Range 3E E or W. WM. _____
 Section 15 NE 1/4 SW 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) Willamette Fish Hatchery Oakridge, Oregon

(10) STATIC WATER LEVEL:
37 ft. below land surface. Date 12/1/94
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 16'

From	To	Estimated Flow Rate	SWL
16	29	50±?	3±
44	52	} 50±?	} est
72	75		
85	86	} see (8)	} see (10)
111	112		
140	193	10±	37±
200	201		

(12) WELL LOG: Ground elevation 1230±

Material	From	To	SWL
Topsoil, brown	0	2	
Cobbles & gravel, w/clay, brn	2	14	
Grlv, 2"- & sand, w/clay, gray	14	16	
Cobbles & gravel	16	18	
Grlv, 6"- & sand, brn, med-crse	18	29	
Grlv, 6"- & clay, brown	29	44	
Grlv, 6"- & sand, brn, coarse	44	52	
Grlv & clay, brn w/cobbles	52	72	
Grlv & sand, med-crse, some cement	72	75	
Gravel, clay & sand, brn, some cement	75	85	
Gravel & sand, brn, coarse	85	86	
Gravel, 3"-, cem & some clay, brn	86	101	
Gravel & sand w/clay, brn	101	111	
Sand, brn, med-coarse	111	112	
Gravel & sand, w/clay, brn & gray	112	140	
Grlv & sand, cem w/some clay, brn	140	149	
Grlv & clay, brn w/cem s. & g layers	149	181	
Gravel & clay, gray	181	189	
Gravel & sand w/clay, gray	189	193	
Clay, hd, blue & gray, & grvl	193	200	
Gravel, 1"- & sand, crse, blk	200	201	
Clay, gray & gravel	201	203	

Date started 10/12/94 Completed 12/7/94

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 Signed Donald G. David WWC Number 1085
 Date 12/14/94

(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 well construction standards. This report is true to the best of my knowledge and belief.
 Signed Stephen Schneider WWC Number 649
 Date 12/14/94

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PUMP TEST DATA SHEET

RESOURCES DEPT.
SALEM, OREGON

APPLICATION NO. _____ PERMIT NO. _____ P.O.D.-ID _____
 All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

DRAWDOWN DATA							RECOVERY DATA						
DATE	TIME	TIME SINCE PUMP STARTED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS	DATE	TIME	TIME SINCE PUMP STOPPED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS
12/1/94	6:30	-	40.8	4.0	36.8	takes WL	12/1/94	11:30	0	112.8	4.0	108.8	Final Pumping
	7:00		40.8		36.8	"		11:32	2	108.7		64.7	
	7:25		40.8		36.8	"		11:34	4	64.3		60.7	
	7:30					Start Pump		11:36	6	61.5		57.5	
	7:32	2	88.5		84.5			11:38	8	59.7		55.7	
	7:34	4	90.4		86.4			11:40	10	58.3		54.3	
	7:36	6	93.2		89.2			11:45	15	55.8		51.8	
	7:38	8	95.5		91.5			11:50	20	53.7		49.7	
	7:40	10	97.2		93.2			11:55	25	51.3		47.3	
	7:45	15	100.0		96.0			12:00	30	49.3		45.3	
	7:50	20	101.8		97.8			12:15	45	47.0		43.0	
	7:55	25	103.1		99.1		▽	1:00	90	44.8	▽	40.8	
	8:00	30	103.8		99.8								
	8:15	45	105.7		101.7								
	8:30	60	107.8		103.8								
	8:45	75	109.0		105.0								
	9:00	90	109.7		105.7								
	9:15	105	109.8		105.8								
	9:30	120	110.1		106.1								
	9:45	135	110.2		106.2								
	10:00	150	110.4		106.4								
	10:15	165	110.9		106.9								
	10:30	180	111.3		107.3								
	10:45	195	112.1		108.1								
	11:00	210	112.7		108.7								
	11:15	225	112.7		108.7								
▽	11:30	240	112.8	▽	108.8								

Flow rate averaged 512 gpm by totalizer on flow meter