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CLAC 01069

1S/4E-31

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

MAY 29 1987

(1) OWNER: WATER Well Number 630
Name JOHN HOLMLUND LEM OREGON
Address 6615 S.E. POWELL VALLEY RO.
City GRESHAM State OREG. 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 600 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
4"	0 260	CEMENT	0 30	22
10"	260 600	CEMENT	255 260	6

How was seal placed: Method A B C D E
 Other LOWER SEAL POURED
Backfill placed from 30 ft. to 255 ft. Material DRILL SAND AND CUTTINGS
Gravel placed from 289 ft. to 600 ft. Size of gravel 1/2"

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	10	+1	302	.250"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	8	289	600	.188"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
600			2000	1/4 x 12"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 500 Drawdown 31 Drill stem at _____ Time 24 hr.

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: 150' TO 300'

(9) LOCATION OF WELL by legal description:
County CLATSOP Latitude _____ Longitude _____
Township 15 N or S, Range 4E E or W, WM.
Section 31 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
187 ft. below land surface. Date 4/16/87
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 302'

From	To	Estimated Flow Rate	SWL
302	600		

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
SEE ATTACHED LIST			
CASING DRIVEN AHEAD OF HOLE @ 302' TO DEVELOPE A SEAL AROUND DRIVE SHOE			
3 SACKS CEMENT PLACED @ BOTTOM OF 8" LINER TO PREVENT GRAVEL FROM COMING AROUND END.			

Date started 2/18/87 Completed 4/16/87

(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 _____ WWC Number _____
Date _____

(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 OKell WWC Number 462
Date 5/19/87

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WATER RESOURCES DEPT.
SALEM, OREGON

0-4 TOP SOIL
4-26 BROWN CLAY
26-70 SOFT BROWN CLAY
70-95 CLAY AND GRAVEL, SOME SMALL
BOULDERS
95-115 CEMENTED GRAVEL
115-116 BOULDER
116-136 CEMENTED GRAVEL
136-138 BOULDER
138-160 CEMENTED GRAVEL
160-164 CLAY AND GRAVEL
164-183 CEMENTED GRAVEL
183-186 BLUE CLAY, STICKEY
186-193 CLAY AND GRAVEL
193-212 CEMENTED GRAVEL
212-213 CLAY
213-214 CLAY AND GRAVEL
214-225 CEMENTED GRAVEL
225-232 BLUE CLAY
232-253 HARD BLACK SANDSTONE
253-258 BROWN CLAY
258-261 STICKEY CLAY AND GRAVEL
261-272 CEMENTED GRAVEL
272-275 CLAY AND GRAVEL
275-282 CEMENTED GRAVEL
282-283 CLAY
283-289 CEMENTED GRAVEL
289-298 STICKEY BLUE CLAY

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WATER RESOURCES DEPT.
SALEM, OREGON

298-299 CLAY AND GRAVEL
299-304 STICKEY BLUE CLAY
304-310 CEMENTED GRAVEL
310-318 CLAY AND GRAVEL
318-322 SOFT BLUE CLAY
322-326 HARD STICKEY BLUE CLAY
326-330 CLAY AND GRAVEL
330-337 BLACK SANDSTONE
337-339 CLAY AND COURSE SAND, STICKEY
339-344 BLACK SANDSTONE
334-346 SOFT SANDY BLUE CLAY
346-348 BLACK SANDSTONE
348-352 BLUE CLAY
352-355 SANDSTONE
355-362 HARD STICKY BLUE CLAY
362-366 SANDSTONE
366-374 STICKY BLUE CLAY
374-376 SANDSTONE
376-383 HARD BLUE CLAY
383-392 BLUE CLAY, STICKY
392-410 HARD BLUE CLAY
410-413 SANDSTONE
413-419 BLUE CLAYSTONE
419-422 BLUE CLAY, SOFTER
422-431 HARD BLACK SANDSTONE
431-437 SOFTER BLACK SANDSTONE
437-447 HARD BLACK SANDSTONE
447-449 SOFTER BLACK SANDSTONE

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WATER RESOURCES DEPT.
SALEM, OREGON

449-454	SANDY BLUE CLAYSTONE
454-456	SOFT BLACK SANDSTONE
456-466	HARD BLACK SANDSTONE
466-467	CLAY STONE
467-479	SOFT SANDSTONE
479-490	MED. HARD SANDSTONE
490-493	SOFTER SANDSTONE
493-496	BLUE CLAY
496-515	CLAYSTONE
515-521	HARD BLUE CLAYSTONE
521-523	SOFT BLUE SANDY CLAY
523-555	SANDSTONE AND GRAVEL, POROUS
555-559	CLAYSTONE, STICKY
559-562	SANDSTONE AND GRAVEL, POROUS
562-564	BLUE CLAYSTONE
564-567	CEMENTED GRAVEL OR SANDSTONE
567-569	HARD CLAY STONE
569-581	HARD CLAY AND GRAVEL, BLUE
581-583	CLAY
583-600	CLAY AND GRAVEL