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STATE ENGINEER
SALEM, OREGON

KLAM 2153

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36/14-30 SC

WATER WELL REPORT

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

STATE OF OREGON

State Well No.

G3402

State Permit No.

(1) OWNER:

Name Monte M. Cline
Address Bely Oregon

(2) LOCATION OF WELL:

County H. Lamath Owner's number, if any—
 $\frac{1}{4}$ Section 30 T. 36 R. 14 E W.M.
Bearing and distance from section or subdivision corner
1200' from Section Corner 19 and 30

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded
12" Diam. from 0 ft. to 40 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used

SIZE of perforations	in.	by	in.
..... perforations from	ft. to	ft.
..... perforations from	ft. to	ft.
..... perforations from	ft. to	ft.
..... perforations from	ft. to	ft.

(8) SCREENS:

Well screen installed Yes No

Manufacturer's Name Model No.
Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? 4.0 ft.
Material used in seal— Cement
Did any strata contain unusable water? Yes No
Type of water? Depth of strata 376
Method of sealing strata off

(10) WATER LEVELS:

Static level 80 ft. below land surface Date Aug 9
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Monte M. Cline Date Aug 9, 1962
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
Yield: 9350 gal./min. with 7 ft. drawdown after 4 hrs.
" " " " " "

Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water 60 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 12 inches.

Depth drilled 376 ft. Depth of completed well 376 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
top soil	0	3
Boulders	3	23
sand stone	23	94
lava rock	94	180
yellow clay	180	280
lava rock	280	376
water come in about lava		

Work started July 20 1962 Completed Aug 9 1962

(13) PUMP:

Manufacturer's Name H.P.
Type:

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME W. L. Hartley & Son
(Person, firm, or corporation) (Type or print)

Address Baranoga One

Driller's well number

[Signed] W. L. Hartley - Robert
(Well Driller)

License No. 164 Date Aug 9, 1962

KLAM 2153

Interstate PUMP COMPANY, INC.

503/882-3464 — 7209 SOUTH SIXTH STREET
KLAMATH FALLS, OREGON 97601

WELL TEST REPORT

For: Bob Dortch

Date Tested September 26, 2, 1973

Location of Well Gary Martin, Ely, Oregon

Inside Diameter _____ Depth 375'

_____ Feet of _____ Inch Casing. Driller _____

150 Feet of 8 Inch Column and 6 Stage 10 Inch Bowls.

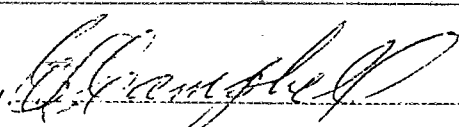
Installed by Lee Campbell, Interstate Pump Company, Inc.

Static Water Level at Start of Test 82 feet

CAPACITY GPM	PUMPING LEVEL	DRAWDOWN	TIME	CONDITION OF WATER (SANDY, MUDDY, CLEAR, ETC.)
2200	88 Ft.		2 1/2 Hr. Well Test	Clear
2080	87 Ft.			"
1650	85 Ft.			"
				TEMPERATURE <u>60</u> °

Static Water Level After Pump Removed 82 ft.

REMARKS: _____

Signed by: 

TO: **Dortch-Gresdel & Associates**
 SUBJECT: **ANALYSIS OF WATER: PUBLIC WATER SUPPLY AND BACTERIA**
 REF. NO.: **904119**

		Gary Martin Well				Gary Martin Well	
MICROBIOLOGICAL	SPECIFIED MAXIMUM			ORGANIC	SPECIFIED MAXIMUM		
PLATE COUNT, per ml	500	950		OXYGEN DEMAND		}	
COLIFORM, MPN/100 ml		-		BIOCHEMICAL-60D-5 day			
TOTAL	2.2	5.1		BIOCHEMICAL - ULTIMATE			
FECAL		(CHEMICAL - LOD			
IRON BACTERIA				CHLORINE DEMAND			
				HPC			
				CPM RES. CL.			
				TOTAL ORGANIC CARBON			
				SURFACTANTS - MBS	0.5		
				OIL AND GREASE			
				PHENOLICS AS PHENOL	0.001		
BIOLOGICAL				PESTICIDES			
DISSOLVED GASES				RADIOACTIVITY, pc/l			
CARBON DIOXIDE (CO ₂)		{		GROSS BETA	1,000	}	
OXYGEN (O)				RADIUM 226	3		
				STRONTIUM 90	10		

FIELD DATA

DATE COLLECTED: **received 10-4-73**
 COLLECTED BY: **client**
 SOURCE: **Gary Martin Well**

* (<) Symbol denotes "less than"
 ** (>) Symbol denotes "greater than"

Sensitivities of tests meet requirements of the Department of the Army, Corps of Engineers, within practical limits of the test methods. This water shows contamination and does not conform with accepted bacteriological standards of purity for drinking water.

MEI-Charlton, Inc.
E. C. Sutherland
 E. C. Sutherland, P.E.
 Project Director

ECS:lr
 cc: 2



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503/228-9663

working with **MATERIALS ECOLOGY INDUSTRIAL PRODUCTS AND PROCESSES**

TO: **Dortch-Gresdel & Associates**
Attention: Mr. Bob A. Dortch
1905 Oregon Avenue
Klamath Falls, Oregon 97601

CLIENT NO:
REFERENCE NO: **904119**
DATE: **10-19-73**

SUBJECT: **ANALYSIS OF WATER: PUBLIC WATER SUPPLY AND BACTERIOLOGICAL EXAMINATION**
PER "STANDARD METHODS FOR EXAMINATION OF WATER AND WASTE WATER", 13th Ed.
One Water Sample(s) Received as of October 4, 1973

		Gary Martin Well				Gary Martin Well	
PHYSICAL	SPECIFIED MAXIMUM			MISCELLANEOUS	SPECIFIED MAXIMUM		
TOTAL SOLIDS	500	211		pH VALUE		7.9	
DISSOLVED		211		ACIDITY as CaCO ₃		-	
SUSPENDED		0		ALKALINITY as CaCO ₃		108	
VOLATILE SOLIDS		38		HYDROXIDE		-	
DISSOLVED		38		CARBONATE		0	
SUSPENDED		0		BICARBONATE		108	
SETTLABLE SOLIDS ml/l		-		CHLORINE (Cl), Residual		-	
TURBIDITY, JACKSON UNITS	5	1.0					
COLOR	15	< 5 *					
THRESHOLD ODOR	3	-					
CONDUCTANCE, MICROMHOS/CM		-					
HARDNESS AS CaCO ₃		72					
TASTE, ODOR (PANEL)							
CHEMICAL - METALLIC				CHEMICAL - NON-METALLIC			
SODIUM (Na)		10		SILICA (SiO ₂)		44	
POTASSIUM (K)		-		CHLORIDE (Cl)	250	4	
CALCIUM (Ca)		17.5		SULFATE (SO ₄)	250	1	
MAGNESIUM (Mg)		7		FLUORIDE (F)	1.8	0.12	
ALUMINUM (Al)		-		NITRATE NITROGEN (N)	10	0.3	
IRON (Fe)	0.3	< 0.08*		NITRITE NITROGEN (N)		< 0.01 *	
MANGANESE (Mn)	0.05	< 0.02*		AMMONIA NITROGEN (N)			
ARSENIC (As)	0.05	< 0.005*		ORGANIC NITROGEN (N)			
BARIUM (Ba)	1.0	-		KJELDAHL NITROGEN (N)			
CADMIUM (Cd)	0.01			PHOSPHORUS, TOTAL (P)			
CHROMIUM, TOTAL (Cr)				PHOSPHORUS, HYDROLYZABLE (P)			
CHROMIUM, HEXAVALENT (Cr)	0.05			ORTHOPHOSPHATE (P)			
COPPER (Cu)	1.0			SULFIDE (S)			
LEAD (Pb)	0.05			SULFITE (SO ₃)			
MERCURY (Hg)	0.005			BERYLLIUM (Be)			
NICKEL (Ni)				BORON (B)			
SILVER (Ag)	0.05			BROMIDE (Br)			
STRONTIUM (Sr)				CYANIDE (CN)	0.2		
TIN (Sn)				IODIDE (I)			
ZINC (Zn)	5			SELENIUM (Se)	0.01		

QUANTITIES ARE REPORTED AS MILLIGRAMS PER LITER, UNLESS OTHERWISE INDICATED.

SPECIFICATIONS ARE TAKEN FROM UNITED STATES PUBLIC HEALTH SERVICE DRINKING WATER STANDARDS UNLESS OTHERWISE STATED.

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