

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER WELL REPORT NOV 1 1974
STATE OF OREGON
(Please type or print)
STATE ENGINEER
SALEM, OREGON
(Do not write above this line)

State Well No. 35S/6E-35cb
State Permit No.

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

KLAM
1138

(1) OWNER:

Name AR.B. INC (ROCKY POINT RESORT)
Address BAKERSFIELD CALIF. P O BOX 1559

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
1 1/8" Diam. from _____ ft. to _____ ft. Gage _____
1 1/8" Diam. from 74 ft. to 60 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____

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.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____

Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? E.E.S.
Yield: 75 gal./min. with 5 ft. drawdown after 1 hrs.
IR LIFT 100" @ 40 " 1 "
" " " " "
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 35 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT + SAND MIX
Well sealed from land surface to 60 ft.
Diameter of well bore to bottom of seal 9 1/8 + in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 75 SX 6 YDS SAND sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons _____ lbs./100 gals.
of water _____
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County KLAMATH Driller's well number _____
NW 1/4 SW 1/4 Section 35 T. 35S R. 6E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30 ft.
Static level 19 ft. below land surface. Date 10/10/74
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 65 ft. Depth of completed well 65 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<u>BOULDERS & BRN CLAY</u>	<u>0</u>	<u>36</u>	
<u>BLK BASALT</u>	<u>36</u>	<u>46</u>	
<u>BROKEN BLK BASALT</u>	<u>46</u>	<u>65</u>	

Work started 9/26/74 Completed 10/10/74
Date well drilling machine moved off of well 10/10/74

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] David M. Stey Date 10/29, 1974
(Drilling Machine Operator)
Drilling Machine Operator's License No. 656

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name E E STOREY
(Person, firm or corporation) (Type or print)
Address 2847 HOPKINS FALLS
[Signed] E E Storey
(Water Well Contractor)
Contractor's License No. 79 Date 10/29/74, 1974

M E I - CHARLTON,

INC.

2340 S.W. CANYON ROAD
P.O. BOX 1048
PORTLAND, OREGON 97207
503/228-9663

ENGINEERING AND APPLIED SCIENCES working with MATERIALS ECOLOGY INDUSTRIAL PRODUCTS AND PROCESSES

TO: Dortch-Gresdel and Associates
Attention: Mr. David B. Hammond, P.E.
1905 Oregon Avenue
Klamath Falls, Oregon 97601

CLIENT NO:
REFERENCE NO: 911112

ANALYSIS OF WATER: PUBLIC WATER SUPPLY
PER "STANDARD METHODS FOR EXAMINATION OF WATER AND WASTE WATER", 13th Ed.

DATE: 4-24-74

SUBJECT: One Water Sample(s) Received as of 4-18-74

		Klamath Village				Klamath Village
PHYSICAL	SPECIFIED MAXIMUM			MISCELLANEOUS	SPECIFIED MAXIMUM	
TOTAL SOLIDS	500	200		pH VALUE		8.3
DISSOLVED		193		ACIDITY as CaCO ₃		-
SUSPENDED		7		ALKALINITY as CaCO ₃		102
VOLATILE SOLIDS		34		HYDROXIDE		0
DISSOLVED		34		CARBONATE		0
SUSPENDED		<1 *		BICARBONATE		102
SETTLABLE SOLIDS ml/l		}		CHLORINE (Cl), Residual		-
TURBIDITY, JACKSON UNITS	5					
COLOR	15					
THRESHOLD ODOR	3					
CONDUCTANCE, MICROMHOS/CM						
HARDNESS AS CaCO ₃		36				
TASTE, ODOR (PANEL)		-				
CHEMICAL - METALLIC				CHEMICAL - NON-METALLIC		
SODIUM (Na)		35		SILICA (SiO ₂)		44
POTASSIUM (K)		-		CHLORIDE (Cl)	250	10.3
CALCIUM (Ca)		10.5		SULFATE (SO ₄)	250	8.6
MAGNESIUM (Mg)		2.5		FLUORIDE (F)	1.8	0.15
ALUMINUM (Al)		-		NITRATE NITROGEN (N)	10	0.53
IRON (Fe)	0.3	0.24		NITRITE NITROGEN (N)		<0.01 *
MANGANESE (Mn)	0.05	<0.02*		AMMONIA NITROGEN (N)		}
ARSENIC (As)	0.05	<0.002*		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.

over--

formerly: METALLURGICAL ENGINEERS, INC., and CHARLTON LABORATORIES, INC. — serving the needs of the Northwest since 1934

Interstate PUMP COMPANY, INC.

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

WELL TEST REPORT

For: Dortch ~ Gresdel & Assoc.

Date Tested April 16 & 17, 19 74

1905 Oregon

Klamath Falls, Oregon 97601

Location of Well Weed Ashland Jet.

Inside Diameter 10 "

Depth _____

Feet of 10 Inch Casing.

Driller Enloe Drilling

220 Feet of 5 Inch Column and 6 Stage 8 Inch Bowls.

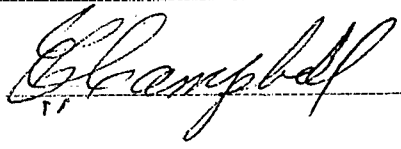
Installed by Lee Campbell

Static Water Level at Start of Test 84 feet (by Enloe)

CAPACITY GPM	PUMPING LEVEL	DRAWDOWN	TIME	CONDITION OF WATER (SANDY, MUDDY, CLEAR, ETC.)
310	136 Ft.		1 Hr.	Bentonite
310	136 "		1 Hr.	Bentonite & small brown sand
310	136 "		1 Hr.	Bentonite & Clearing
310	136 "		1 Hr.	"
310	136 "		1 Hr.	"
310	136 "		1 Hr.	Clear with chlorine smell
310	136 "		1 Hr.	Clear without chlorine smell
310	136 "		13 Hrs.	Clear without smell or taste
370	154 "		1 Hr.	"
440	203 "		1 Hr.	"
370	154 "		1 Hr.	"
310	136 "		1 Hr.	"
24 Hr. Well Test				
				TEMPERATURE <u>72</u> °

Static Water Level After Pump Removed 71 Feet.

REMARKS: Surged well to Enloe's specification to clean sides of well.

Signed by 

TO:
SUBJECT:
REF. NO.:

Dortch-Gresdel and Associates
ANALYSIS OF WATER: PUBLIC WATER SUPPLY
911112

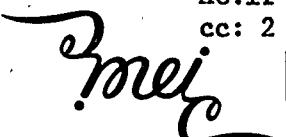
		Klamath Village				Klamath Village	
MICROBIOLOGICAL	SPECIFIED MAXIMUM			ORGANIC	SPECIFIED MAXIMUM		
PLATE COUNT, per ml	500	50		OXYGEN DEMAND		}	
COLIFORM, MPN/100 ml		-		BIOCHEMICAL-BOD-5 day			
TOTAL	2.2	<2.2 *		BIOCHEMICAL - ULTIMATE			
FECAL IRON BACTERIA				CHEMICAL - COD			
				CHLORINE DEMAND HRS.			
				PPM RES. CL.			
				TOTAL ORGANIC CARBON			
				SURFACTANTS - MBAS	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		not given					
COLLECTED BY		client					
SOURCE		Klamath Village					
* (<) 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.

MEI-Charlton, Inc.

Harry Czyzewski
Harry Czyzewski, P.E.
Account Director

HC:lr
cc: 2



P O BOX 1048
PORTLAND, OREGON 97207

AS A MUTUAL PROTECTION TO THE CLIENT, THE PUBLIC AND OURSELVES ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF THE CLIENT. NEITHER REPORTS NOR THE NAME OF THIS LABORATORY NOR ANY MEMBER OF ITS STAFF MAY BE USED IN CONNECTION WITH THE ADVERTISEMENT OR SALE OF ANY PRODUCT WITHOUT WRITTEN AUTHORIZATION.