

**KLAM 12812**

STATE ENGINEER  
Salem, Oregon

*KLAM*  
*12812*

**Well Record**

STATE WELL NO. *39/9-34E1*  
COUNTY *Klamath*  
APPLICATION NO. \_\_\_\_\_

OWNER: *U. S. Air Force*

MAILING ADDRESS: \_\_\_\_\_

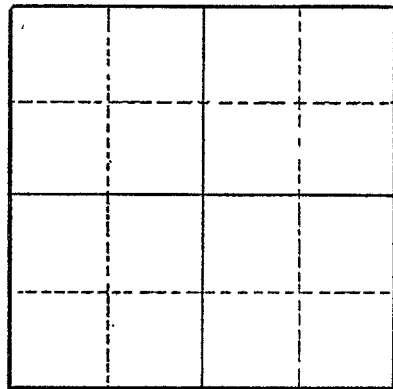
LOCATION OF WELL: Owner's No. \_\_\_\_\_

CITY AND STATE: \_\_\_\_\_

\_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  Sec. \_\_\_\_\_ T. \_\_\_\_\_ N. \_\_\_\_\_ E. \_\_\_\_\_ S., R. \_\_\_\_\_ W., W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_

Altitude at well *4,300*



Section \_\_\_\_\_

TYPE OF WELL: *Drilled* Date Constructed \_\_\_\_\_

Depth drilled *500* Depth cased *416*

**CASING RECORD:**

*8 inch*

**FINISH:**

**AQUIFERS:**

*Basalt*

**WATER LEVEL:**

*236 feet below land surface, October, 1956*

PUMPING EQUIPMENT: Type *None* H.P. \_\_\_\_\_

Capacity \_\_\_\_\_ G.P.M.

**WELL TESTS:**

Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

USE OF WATER *None* Temp. \_\_\_\_\_ °F. \_\_\_\_\_, 19\_\_\_\_\_

SOURCE OF INFORMATION *USGS*

DRILLER or DIGGER \_\_\_\_\_

**ADDITIONAL DATA:**

Log  Water Level Measurements \_\_\_\_\_ Chemical Analysis  Aquifer Test \_\_\_\_\_

**REMARKS:**

*Test pumped 240 gpm with 1.17 ft. of drawdown after 24 hrs.*

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## Well Log

Owner: U. S. Air Force ..... Owner's No. ....

Driller: K. Hartley ..... Date Drilled 1956

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil and shale, yellow	0	52	52
Upper lava rocks:			
Lava, burned	52	94	42
Lava, black, dense	94	101	7
Lava, red	101	118	17
"Boulders," basaltic	118	124	6
Lava, burned	124	146	22
Yonna formation:			
Sand	146	246	100
Shale	246	291	45
Lava, black	291	303	12
Shale, gray, hard	303	332	29
Shale, blue	332	340	8
Clay and shale	340	386	46
Shale, gray, hard	386	410	24
Lower lava rocks:			
Lava, black, dense	410	447	37
Basalt, blue, very dense	447	473	26
Lava, porous, black (water)	473	488	15
Lava, red, cinders	488	500	12

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### Chemical Analysis

OWNER U.S. Air Force OWNER'S NO.

ANALYST U.S. Geological Survey Address

Date of Collection 12-18-56

Point of Collection

	P.P.M.	E.P.M.
Silica (SiO <sub>2</sub> )		
Iron (Fe) Total	.36	
Manganese (Mn)		
Calcium (Ca)	5.4	
Magnesium (Mg)	.6	
Sodium (Na)		
Potassium (K)		
Bicarbonate (HCO <sub>3</sub> )	133.	
Carbonate (CO <sub>3</sub> )		
Sulfate (SO <sub>4</sub> )		
Chloride (Cl)	7.	
Fluoride (F)	.3	
Nitrate (NO <sub>3</sub> )	.0	
Boron (B)		
Dissolved Solids	186.	
Hardness as CaCO <sub>3</sub>		
Specific Conductance (Micromhos at 25°C)	240.	
pH	8.5	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		