

STATE ENGINEER
Salem, Oregon

Bake
1009

Well Record

STATE WELL NO. 9/40-78(1) ^{7F(1)}
COUNTY Baker
APPLICATION NO. U-172

OWNER: Clyde Ward

Per. # U-165

MAILING
ADDRESS: _____

LOCATION OF WELL: Owner's No. 1

CITY AND
STATE: _____

SW 1/4 NE 1/4 Sec. 7 T. 9 N. 40 E.
S., R. W., W.M.

Bearing and distance from section or subdivision
corner _____

Altitude at well 3,398

TYPE OF WELL: drilled Date Constructed _____

Depth drilled 67 ft. Depth cased 67 1/2 ft.

Section _____

CASING RECORD: 12 inches

FINISH: _____

AQUIFERS: Gravel from 75 ft. to 140 ft.

WATER LEVEL: 15 feet below land surface, Mar. 10, 1949

PUMPING EQUIPMENT: Type turbine H.P. _____
Capacity 700 G.P.M.

WELL TESTS:
Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER irrigation Temp. _____ °F., 19____

SOURCE OF INFORMATION USGS

DRILLER or DIGGER _____

ADDITIONAL DATA:
Log _____ Water Level Measurements _____ Chemical Analysis Aquifer Test _____

REMARKS: Hardness 70ppm, chloride 6ppm. Owner reports output holds up in fall; casing "shot" every 5 feet below water level with 1/2 stick of dynamite. Temperature of water 49°F.

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7F(1)

State Well No. 9/40-70(1)
County Baker
Application No. _____

Chemical Analysis

OWNER Clyde Ward OWNER'S NO. _____

ANALYST USCS Address _____

Date of Collection August 1947

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)		
Iron (Fe) Total		
Manganese (Mn)		
Calcium (Ca)	24.80	1.24
Magnesium (Mg)	9.64	0.79
Sodium (Na)	12.65	0.55
Potassium (K)	4.30	0.11
Bicarbonate (HCO ₃)	133.59	2.19
Carbonate (CO ₃)	0.00	
Sulfate (SO ₄)	16.32	0.34
Chloride (Cl)	3.55	0.10
Fluoride (F)		
Nitrate (NO ₃)		
Boron (B)	Tr.	
Dissolved Solids		
Hardness as CaCO ₃		
Specific Conductance (Micromhos at 25°C)	200	
pH	6.7	
Percent Sodium	20	
Sodium Absorption Ratio (S.A.R.)		
CLASS		