

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. 24/30-1
COUNTY Harney
APPLICATION NO.

OWNER: J. C. Clemens

Harn 792

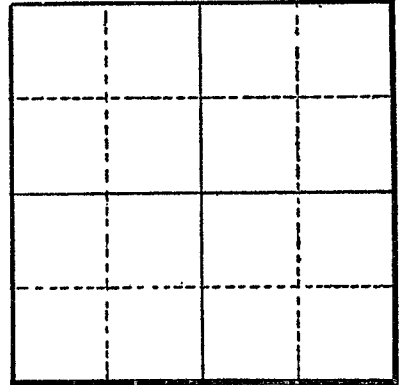
MAILING ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND STATE:

1/4 Sec. 1 T. 24 S., R. 30 W., W.M.

Bearing and distance from section or subdivision corner



Section

Altitude at well

TYPE OF WELL: Date Constructed

Depth drilled 478' Depth cased 117'

CASING RECORD:

10 to 12" diameter

FINISH:

AQUIFERS:

WATER LEVEL:

Flowing

PUMPING EQUIPMENT: Type 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 Irrigation Temp. 80 °F., 19

SOURCE OF INFORMATION Well #143 WSP 841

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis X Aquifer Test

REMARKS:

Flow estimated between 300 & 400 gpm

STATE ENGINEER
Salem, Oregon

State Well No. 24/30-1

County Harney

Application No. _____

Chemical Analysis

OWNER J.C. Clemens OWNER'S NO. 1

ANALYST USGS Address _____

Date of Collection Aug. 26, 1931

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	51.	
Iron (Fe) Total	.01	
Manganese (Mn)		
Calcium (Ca)	9.6	
Magnesium (Mg)	1.7	
Sodium (Na)	30.	
Potassium (K)	2.4	
Bicarbonate (HCO ₃)	95.	
Carbonate (CO ₃)	0.	
Sulfate (SO ₄)	13.	
Chloride (Cl)	5.2	
Fluoride (F)		
Nitrate (NO ₃)	1.2	
Boron (B)		
Dissolved Solids	159.	
Hardness as CaCO ₃	31.	
Specific Conductance (Micromhos at 25°C)		
pH		
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		

HARN 792

STATE ENGINEER
Salem, Oregon

Well Record

STATE WELL NO. 24/30-1B(1)
COUNTY Harney
APPLICATION NO. U-38

Harn 792

OWNER: Harry B. Gouldin

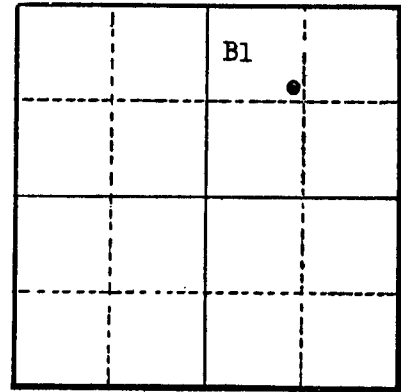
MAILING ADDRESS: Box 389

LOCATION OF WELL: Owner's No.

CITY AND STATE: Burns, Oregon

NW 1/4 NE 1/4 Sec. 1 T. 24 S., R. 30 W., W.M.

Bearing and distance from section or subdivision corner



Section 1

Altitude at well 4132

TYPE OF WELL: Drilled Date Constructed 1930

Depth drilled Depth cased

CASING RECORD:

12 inch hole to 52 feet, 10 inches to 478, cased to 117 feet

FINISH:

Open hole below 117

AQUIFERS:

See log

WATER LEVEL:

Flowing, 300 to 400 gpm

PUMPING EQUIPMENT: Type 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 Irrigation Temp. 80 °F. 8/26, 19 31

SOURCE OF INFORMATION U-38 WSP 841

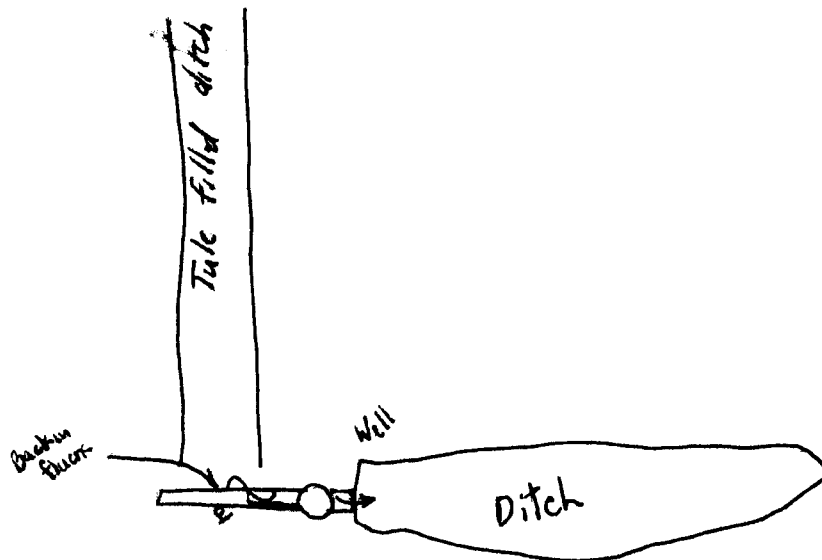
DRILLER or DIGGER Boyer & Koenemann

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test












REMARKS:

Well #143 WSP 841



July 17, Well uncapped and discharging
 Several hundred gallons per minute into tule
 filled ditch that extend south to road.
 Well is contributing to water logged soil
 conditions that are very present.

Log of **HARN 792** Cement well in NE⁴ Sec. 1 T. 24 S. R. 30 E. N. 7 W.
Harney County.

	12"	Sand & Dirt	
	52'		
		Sand & Gravel	60' 1st Art. Flow
	10"	Blue Clay & Gravel	82' 97' 2nd Flow
	117'		109'
		Soft Blue Clay	
		Yellow Clay	207'
		Soft Blue Clay	217'
		Soft Blue Clay	2nd Artesian Flow
		Yellow Clay	245'
			255'
		Hard Blue Clay	
			313'
		Green Shale	
			352'
			364' 3d Art Flow
		Sand Stone	
		Red Rock	458'
		Soap Stone	471' 4th Art Flow
			478'

Chemical Analysis

OWNER H.B. Gouldin OWNER'S NO. _____
ANALYST U.S.G.S. Address _____
Date of Collection 8-26-31
Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	51	
Iron (Fe) Total	.01	
Manganese (Mn)		
Calcium (Ca)	9.6	
Magnesium (Mg)	1.7	
Sodium (Na)	30	
Potassium (K)	2.4	
Bicarbonate (HCO ₃)	95	
Carbonate (CO ₃)	0	
Sulfate (SO ₄)	13	
Chloride (Cl)	5.2	
Fluoride (F)		
Nitrate (NO ₃)	1.2	
Boron (B)		
Dissolved Solids		
Hardness as CaCO ₃	31	
Specific Conductance (Micromhos at 25°C)		
pH		
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		