

HORR 492

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WATER WELL REPORT
STATE OF OREGON

Well # **W 42**
G858

State Well No. **IN/28-28 DTT**
OBSERVATION WELL
State Permit No. **bbd**

(1) OWNER:
Name **ANTONE J VEY** STATE ENGINEER
Address **ECHO OREGON SALEM, OREGON**

(2) LOCATION OF WELL:
County **MORROW** Owner's number, if any-- **# 2**
NW 1/4 NW 1/4 Section 28 T. 1N R. 28 E.W.M.
Bearing and distance from section or subdivision corner
415' S. AND 20' No. FROM THE SE CORNER OF THE NW 1/4 OF SEC. 28

(3) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If 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 **16** ft. Gage **STB**
" 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.
..... perforations from ft. to ft.

(8) 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.

CONSTRUCTION:
Well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? **16** ft.
Material used in seal— **Cement**
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level ft. below land surface Date
Artesian pressure **10** lbs. per square inch Date **3/5/53**
Log Accepted by:
(Signed) Date, 19.....
(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: gal./min. with ft. drawdown after hrs.
" " " " "
" " " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow **1200** g.p.m. Date **3/5/53**
Temperature of water Was a chemical analysis made? Yes No

(12) WELL LOG: Diameter of well **12** inches.
Depth drilled **365** ft. Depth of completed well **365** 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
COMMENTED GRAVEL	0	10
BASALT GRAY BROKEN	10	42
" " HARD	42	77
" BLACK "	77	121
" GRAY "	121	175
" " MED. HARD	175	282
" BLACK BROKEN	282	312
" GRAY SOFT WITH SOAPSTONE	312	345
" RED SOFT	345	365
FOUND FLOW IN RED ROCK.		

Work started **DEC 18 1952** Completed **MAR 5 1953**

(13) PUMP:
Manufacturer's Name
Type: H.P.

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 **YAGEX Drilling Co.**
(Person, firm, or corporation) (Type or print)
Address **#3 Box 347-D WALLA WALLA**
Driller's well number
[Signed] **Harold Jager**
(Well Driller)
License No. **155** Date **FEB 10, 1958**

STATE ENGINEER
Salem, Oregon

bbd

State Well No. 1N/28-28B1
County Umatilla
Application No. _____

Chemical Analysis

OWNER Tony Vey OWNER'S NO. _____

ANALYST USGS Address _____

Date of Collection 4/28/53

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	70.	
Iron (Fe) Total	.2	
Manganese (Mn)		
Calcium (Ca)	15.	
Magnesium (Mg)	5.7	
Sodium (Na)	40.	
Potassium (K)	5.2	
Bicarbonate (HCO ₃)	163.	
Carbonate (CO ₃)	0.	
Sulfate (SO ₄)	.6	
Chloride (Cl)	15.	
Fluoride (F)	.1	
Nitrate (NO ₃)	.4	
Boron (B)	.23	
Dissolved Solids	233.	
Hardness as CaCO ₃	61.	
Specific Conductance (Micromhos at 25°C)	285.	
pH	8.1	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)	2.2	
CLASS		