

UMAT 531

STATE ENGINEER
Salem, Oregon



Well Record

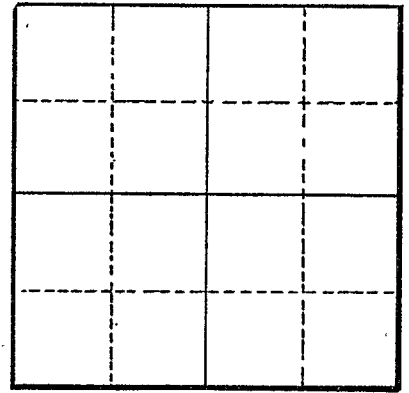
STATE WELL NO. 2N/32-2R1
COUNTY Umatilla
APPLICATION NO.

OWNER: City of Pendleton MAILING ADDRESS:

LOCATION OF WELL: Owner's No. 1 CITY AND STATE:

SE 1/4 SE 1/4 Sec. 2 T. 2 N. S., R. 32 E. W., W.M.

Bearing and distance from section or subdivision corner



Section 2

Altitude at well 1,120 ft.

TYPE OF WELL: Drilled Date Constructed

Depth drilled 935 ft. Depth cased 147 ft.

CASING RECORD: 20 inches

FINISH:

AQUIFERS: Basalt

WATER LEVEL: 185 ft. below land surface - 1948

PUMPING EQUIPMENT: Type Turbine H.P. Capacity 1,800 G.P.M.

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

USE OF WATER Public Supply Temp. °F., 19 SOURCE OF INFORMATION USGS report - Umatilla River Basin

DRILLER or DIGGER

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

REMARKS:

UMAT 531

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Salem, Oregon

State Well No. 2N/32-2R1

County Umatilla

Application No. _____

Chemical Analysis

OWNER City of Pendleton OWNER'S NO. _____

ANALYST Chapton Laboratories Address Portland

Date of Collection 1/7/49

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	40.	
Iron (Fe) Total	.01	
Manganese (Mn)		
Calcium (Ca)	27.	
Magnesium (Mg)	7.6	
Sodium (Na)	31.	
Potassium (K)		
Bicarbonate (HCO ₃)	130.	
Carbonate (CO ₃)	0.	
Sulfate (SO ₄)	21.	
Chloride (Cl)	26.	
Fluoride (F)	.3	
Nitrate (NO ₃)		
Boron (B)		
Dissolved Solids	217.	
Hardness as CaCO ₃	98.	
Specific Conductance (Micromhos at 25°C)		
pH	7.7	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		

SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source Pendleton Description of source Well #1 (S.E. Byers & 18th)
 Analysis by MPH Date 11/22/54 Collected by _____ Date 6/24/54

RESULTS

	Parts per million	243
Turbidity	5	
Color: Apparent	True 1	
Odor: Hot	Cold	
Total Solids	300	
Loss on Ignition	65	
Silicon (SiO ₂)	42	
Chloride (Cl)	33	
Sulfate (SO ₄)	20	
Calcium (Ca)	26	
Magnesium (Mg)	18	
Aluminum (Al)	0	
Orthophosphates (PO ₄)	Trace (less than .05 ppm)	
Metaphosphates (PO ₃) ₆		
Alkalinity (as CaCO ₃): Carbonate	8	
Bicarbonate	129	
Hardness (as CaCO ₃)	99	
Sodium (as Na)	60	
Iron (Fe)	.37	
Manganese (Mn)	.05	
Fluoride (F)	.4	
Carbon Dioxide (CO ₂)	1.7	
pH	8.2	

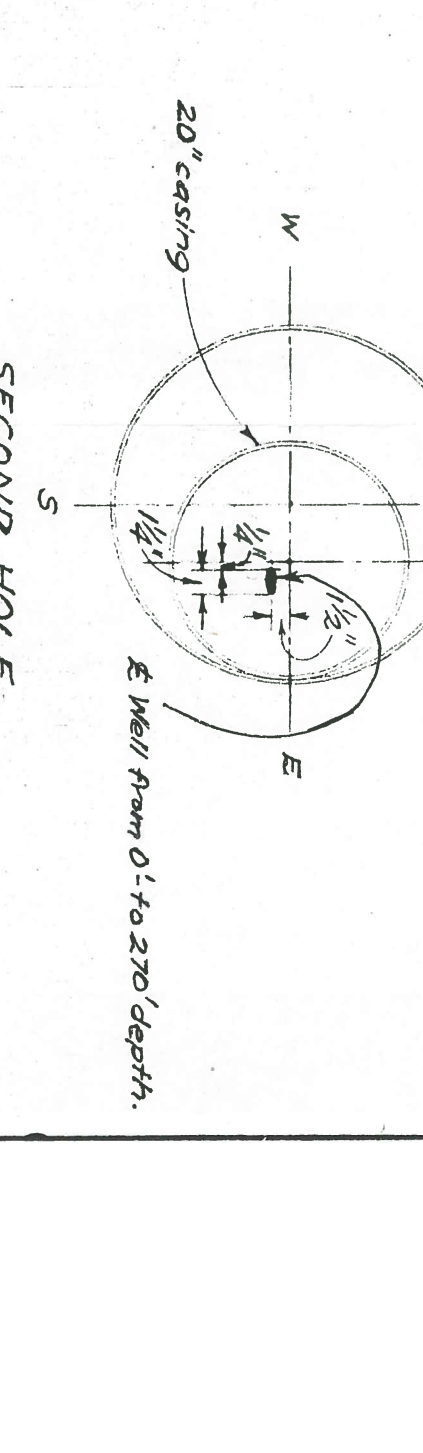
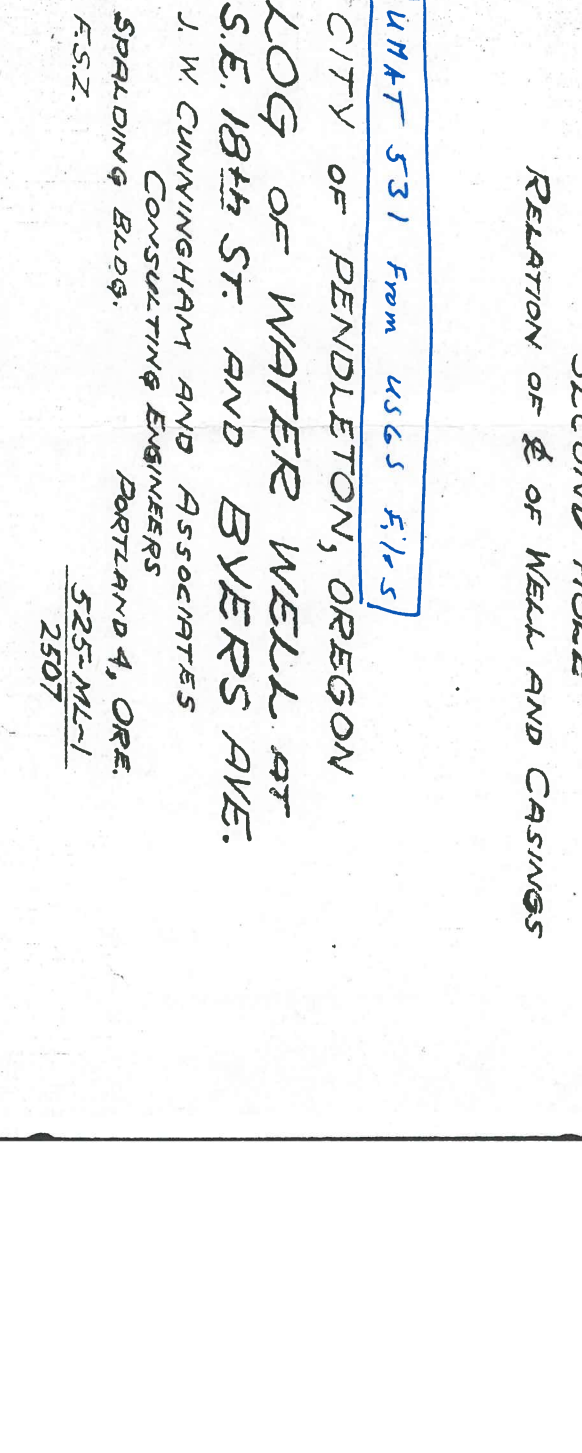
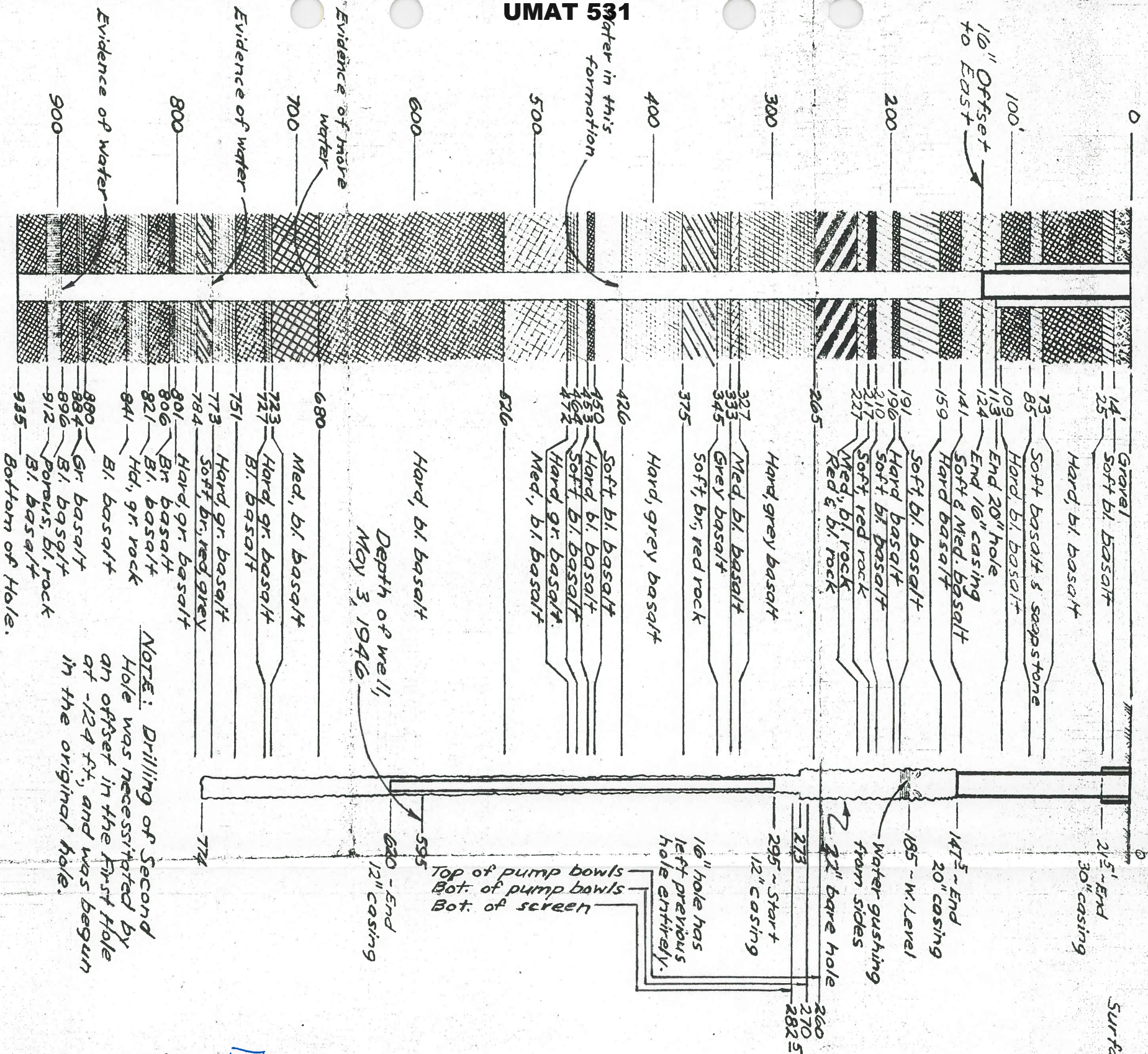
Remarks _____

UMAT 531
LOG OF FIRST HOLE

SECOND HOLE

WATER CONDITIONS ~
DRILLING FIRST HOLE

WATER CONDITIONS ~
TEST PUMPING FIRST HOLE



NOTE: Drilling of Second Hole was necessitated by an offset in the first hole at -124 ft., and was begun in the original hole.

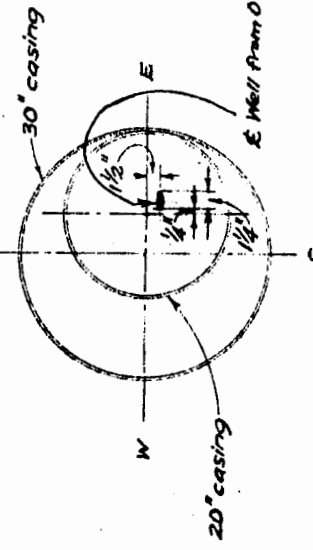
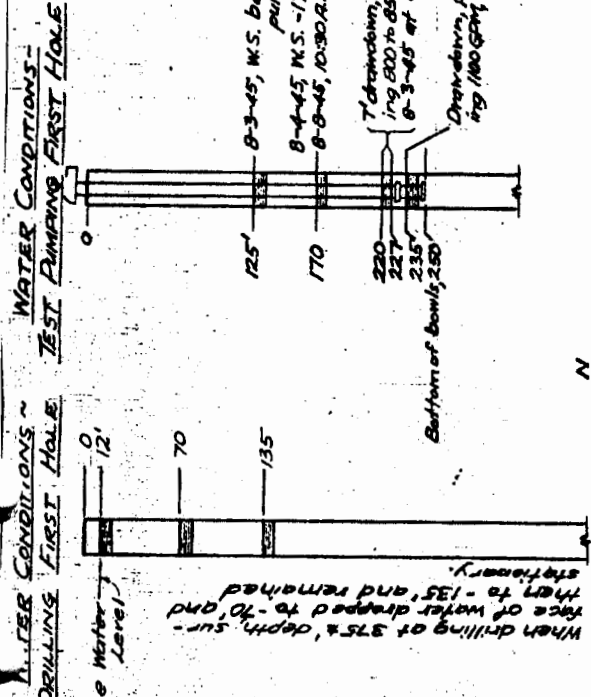
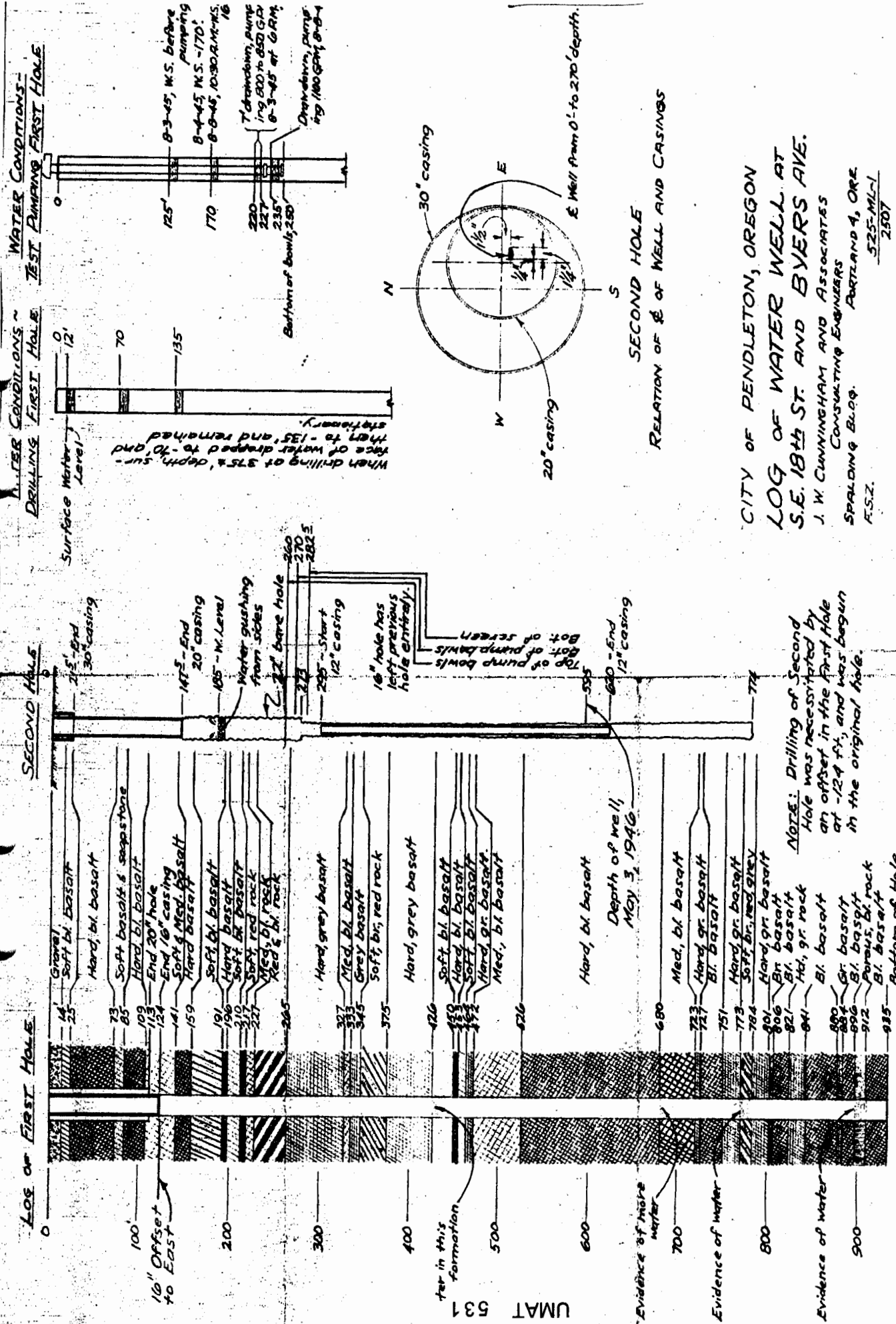
Depth of well, May 3, 1946

When drilling at 375 ±' depth, surface of water dropped to -70' and then to -135' and remained stationary.

8-3-45, W.S. before pumping.
8-4-45, W.S. -170'
8-8-45, 10:30 A.M. W.S. 168

7' drawdown, pumping 800 to 850 GPM 8-3-45 at 6 P.M.
Drawdown, pumping 1100 GPM, 8-8-45

UMAT 531 From USGS File 5
CITY OF PENDLETON, OREGON
LOG OF WATER WELL AT
S.E. 18th ST. AND BYERS AVE.
J. W. CUNNINGHAM AND ASSOCIATES
CONSULTING ENGINEERS
PORTLAND 4, ORE.
525-ML-1
2507



CITY OF PENDLETON, OREGON
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 SPALDING BLDG.
 PORTLAND 4, ORE.
 525-MIL-1
 2507



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301
(503) 986-0900
www.wrd.state.or.us

Application for
Well ID Number

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMATION

Current Owner Name (please print): City of Pendleton
Mailing Address: 500 SW Dorion Ave.
City: Pendleton State: OR Zip: 97801

II. WELL INFORMATION (Do not complete this section if the well report is attached.) Byers Well #1

Township: 2N (North/South) Range: 32 E (East/West) Section: 2
Tax Lot: 5500 County: Umatilla SE 1/4 SE 1/4
Street Address of Well: 112 SE 18th St City: Pendleton
Owner at time the well was constructed, (if known): City of Pendleton

III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached)

Use of Well (domestic, irrigation, commercial, industrial, monitoring): municipal current (altered '66)
Date Well Constructed: 1946 Total Well Depth: 774 ft. Casing Diameter: see below
Other Information: 30"-22'; 20"-250'; 12"-295-695'

SUBMITTED BY (please print): Karen King, Regulatory Specialist, City
PHONE: 541-966-0249 FAX: 541-966-0251

Well ID # L94955 RECEIVED BY OWRD
600N 200W from SE corner of sec 2

Send application to Oregon Water Resources Department; 725 Summer St NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Wednesday. SALEM, OR

For Official Use Only by the Oregon Water Resources Department:
Received Date: 5-6-13 Well Log Number: UMAT 531 Well Identification #: L-94955