

STATE ENGINEER
Salem, Oregon

UNID
156

OBSERVATION WELL
UNID 156
Well Record

STATE WELL NO. 1/38-24R(1)
COUNTY Union
APPLICATION NO. U-335

OWNER: Marion Wagner ? H.L. Wagner

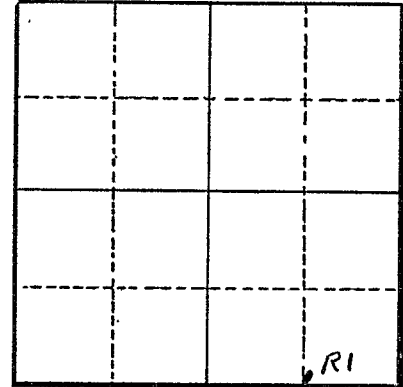
MAILING ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND STATE: Imbler, Oregon

SE 1/4 SE 1/4 Sec. 24 T. 1 N. S, R. 38 E. W.M.

Bearing and distance from section or subdivision corner



Section 24

Altitude at well

TYPE OF WELL: Drilled Date Constructed 1949

Depth drilled 1,150 Depth cased 1,105

CASING RECORD:

- 12 inch set to 676
- 10 inch set to 746
- 8 inch set to 1150

FINISH:

AQUIFERS:

Basalt

WATER LEVEL:

January 10, 1961, 104.9 feet above land surface datum

PUMPING EQUIPMENT: Type centrifugal 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. 84 °F. August 9, 1950

SOURCE OF INFORMATION U.S.G.S. - Field

DRILLER or DIGGER A. A. Durand & Son

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

Well reported to flow 3,500 gpm
U.S. Geological Survey observation well

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State Well No. 1/38-24R(1)
County Union
Application No. U-335

Well Log

Owner: Marion Wagner Owner's No. _____

Driller: A. A. Durand & Son Date Drilled 1949

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil	0	4	4
Clay, sandy, yellow	4	105	101
Clay, sticky, green	105	119	14
Shale, green	119	122	3
Clay, blue, and sand	122	155	33
Clay, sandy, black	155	176	21
Clay, blue	176	182	6
Shale, sandy	182	290	108
Clay, blue	290	297	7
Shale, sandy	297	330	33
Clay, blue	330	361	31
Shale, sandy	361	369	8
Clay, sticky, blue	369	408	39
Shale, sandy	408	412	4
Clay and gravel	412	417	5
Clay, sticky, blue	417	512	95
Sand, coarse, water bearing-Well flowed 65gpm	512	541	29
Clay, green	541	600	59
Sand, hard	600	612	12
Clay, blue	612	654	42
Sand, hard, and wood	654	665	11
Rock, broken	665	685	20
"Basalt" hard gray	685	752	67
Basalt, broken, black	752	813	61

(continued)

REPORT OF WATER ANALYSES

Regional Laboratory, Bureau of Reclamation, Boise, Idaho

Grande Ronde, Oregon

Date: 6-8-64

pH	EC at 25°C	B at 25°C	Anions, me./l.				Cations, me./l.				Residual Na ₂ CO ₃ me./l.	SAR	Class		
			CO ₃	HCO ₃	Cl	SO ₄	NO ₃	Ca	Mg	Na				K	
8.84	143	0.02	0.40	0.79	0.07	0.11	0.11	0.00	0.11	0.02	1.12	0.14	1.06	4.39	
Mesian Well known as the "Wagner Well" near Imbler, Oregon 10:45 a.m. May 22, 1964 - Water temp. 86°F.															

Grande Ronde

STATE ENGINEER
Salem, Oregon

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State Well No. 1/38-24R(1)

County Union

Application No. U-335

Chemical Analysis

OWNER Marion Wagner OWNER'S NO.

ANALYST U.S.G.S. Address

Date of Collection 8-9-50

Point of Collection

	P.P.M.	E.P.M.
Silica (SiO ₂)	88	
Iron (Fe) Total	.04	
Manganese (Mn)	.00	
Calcium (Ca)	3.6	
Magnesium (Mg)	.8	
Sodium (Na)	28	
Potassium (K)	4.0	
Bicarbonate (HCO ₃)	62	
Carbonate (CO ₃)	4.9	
Sulfate (SO ₄)	8.3	
Chloride (Cl)	3.1	
Fluoride (F)	2.0	
Nitrate (NO ₃)	.2	
Boron (B)	.10	
Dissolved Solids	174	
Hardness as CaCO ₃	12	
Specific Conductance (Micromhos at 25°C)	148	
pH	8.0	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)	3.5	
CLASS		

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Water Level Record

OWNER: Marion Wagner

OWNER'S NO. _____

Description of measuring point: Owners pressure gage, 6 feet above land surface datum

Land Surface datum is about 2,735 feet above M.S.L.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
7-5-50	81.5	WSP-1169	4-28-55	105	WSP-1408
8-9-50	106.5	✓	6-14-55	86	/Pump operating
10-26-50	106.5	✓	9-19-55	74	✓
3-17-51	97	WSP-1195	12-29-55	103	✓
8-13-51	53	✓	4-13-56	104.2	
12-30-51	107	✓	6-16-56	104.2	
4-10-52	106	WSP-1225	9-26-56	72.9 73	Pump operating
6-23-52	93	✓	4-30-57	105.5	
9-10-52	98	✓	5-23-57	105.5	
12-28-52	105	✓	7-24-57	105.5	
3-26-53	104	WSP-1269	9-26-57	71.9 72	Well flowing
8-5-53	102	WSP-1269	11-14-57	105.3 105.5	
10-13-53	100	✓	1-11-58	105.3	
1-23-54	103	WSP-1325	2-19-58	105.3	
3-31-54	100	✓	4-18-58	105.3	
7-8-54	104	✓	8-2-58	105.3	
9-11-54	43.5	✓ Pump operating	9-20-58	104.2	
1-19-55	101	WSP-1408	10-24-58	105.3	
			4-9-59	105.33	

REMARKS:

Measurements by U.S. Geological Survey

STATE ENGINEER
Salem, Oregon

State Well No. 1/38-24 R(1)

County UNION

Application No. _____

Water Level Record

OWNER: H.L. Wagner OWNER'S NO. _____

Description of measuring point: _____

USGS

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
			7-5-50	+ 81.47	
			8-9-50	+ 106.46	
			10-26-50	+ 106.48	
			3-17-51	+ 97	
			8-12-51	+ 53	
			12-30-51	+ 107	
			4-10-52	+ 106	WSP 1225
			6-23-52	+ 93	"
			9-10-52	+ 98	"
			12-28-52	+ 105	"
			3-26-53	+ 104	
			8-5-53	+ 102	
			10-13-53	+ 100	
			1-23-54	+ 103.00	
			3-31-54	+ 100.25	
			7-8-54	+ 104.30	
			9-11-54	+ 43.50	Pumping

REMARKS: _____

FORM 9-148

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Report Page No. 9-8
GROUND WATER BRANCH

COUNTY Union

STATE Oregon

WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS

1/38-24RI. H. L. Wagner. Drilled irrigation artesian well in basalt, diameter 12 to 8 inches, depth 1,150 feet, cased to bottom. Land-surface datum is about 2,735 feet above msl. *AP is center line of pressure gauge 600 ft. above lsd.*

Highest water level *107.0 above lsd Dec 30 19 51*, lowest *53.0 above lsd Aug 13 19 51*
Records available 1950- Water level Feet above lsd

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1955		1958		1962			
Jan. 19	101.20	Jan 11	105.3	1-3	104.18		
Apr. 28	105.33	Feb 19	105.3				
June 14	85.80 ^a	Apr 18	105.3				
Sept. 19	74.10	Aug 2	105.3				
Dec. 29	103.10	Sept 20	104.2				
1956		Oct 24	105.3				
April 13	104.2	1959					
June 16	104.2	APR 9	105.33				
Sept 26 ³¹	72.9	AUG 26	106.50				
1957		1960					
Apr 30	105.5	Jan 12	105.5				
May 23	105.5	AUG 6	105.3				
July 24	105.5	Oct 10	102.48 OK				
Sept 26	Flowing 71.9	1961					
Nov 14	105.3	Jan 10	105.33				
	105.5	3-30	106.49				
		9-12	106.49				

UNIO 156

For Official Use Only by The Oregon Water Resources Department:

Received Date: _____

County Well Log ID #

Well Identification Tag #

UNIO 156

L 95136

APPLICATION FOR WELL IDENTIFICATION TAG

LANDOWNER INFORMATION

Name: MARION WAGNER

Mailing Address: _____

City: IMBLER

State: OREGON

Zip: 97841

Return Well Tag to (if different than mailing address): UNKNOWN

WELL LOCATION INFORMATION

County: UNION Township: 15 North or South (circle one) Range: 38 E East or West (circle one),

Section: ~~25~~ 25 NE 1/4 NE 1/4 Tax Lot #: _____
N 45.45683 W -117.99820 RPA 20.4

Street Address of Well (if different than mailing address): _____

RECEIVED

FEB 02 2011

WATER RESOURCES DEPT
SALEM, OREGON

WELL INFORMATION (Do Not Complete If Well Report is Attached)

Type of Well (i.e. domestic, irrigation, etc): _____ Date Well Constructed: _____

Well Constructor/Company: _____

Well Depth (in feet): _____ Diameter of Well Casing (in inches): _____

Landowner Who Had Well Constructed or Previous Owner at the Time Well was Constructed (if known): _____

Other Information: State observation well

tagged by East Region Inspector Bob Maynard

Return to: Oregon Water Resources Department, Janet Halladey, 725 Summer St. NE, Suite A, Salem, OR 97301-1271, (503) 986-0854 or fax to 503-986-0902

App for tag