

UMAT 57158

WELL I.D. # L _____

(1) LAND OWNER Well Number _____
 Name J L Courtney
 Address 511 Stone St.
 City Walla Walla State WA Zip _____

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 376 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: <u>12</u>	<u>0</u>	<u>105</u>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Liner: _____

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>15</u>	<u>24</u>					<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>43</u>	<u>91</u>					<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
<u>350</u>	<u>80</u>		<u>1 hr.</u>

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Umatilla Latitude _____ Longitude _____
 Township 6 N N or S Range 35 E E or W. WM.
 Section 20 SW 1/4 NE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
45 ft. below land surface. Date 3/23/1944
 Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG: Ground Elevation _____

Material	From	To	SWL
<u>Deepening of 5 ft x 5 ft dug well described by UMAT 50354. See attached log.</u>			

Date started _____ Completed 3/23/1944

SOURCE OF DATA/INFO Water right files GR-3868 and G-8593. This is the well listed on certificates 83937 and 83938.

COMPILED BY: Karl C. Wozniak
Groundwater Section

DATE: 3/18/2013

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12 I D inch diameter Std. black steel pipe from 0 to 105 feet
 12 I D inch diameter Open Drill Hole from 105 to 285 feet
 10 I D inch diameter Open Drill Hole from 285 to 376 feet
 inch diameter from to feet

Describe and show depth of shoe, plug, adapter, liner or other details: **Extra heavy fabricated drive shoe, welded to 12" casing.**

9. Perforated Casings or Screens: 12" Casing

6 holes horizontal X 2' Vertical Spacing-slot 1/4" x 3" from 15' to 24'
(Number per foot and size of perforations, or describe screen.)
 " " " " " " " " " " " " from 43' to 91'
 from to
 from to

10. Log of Well: (Describe each stratum or formation clearly, indicate if water bearing, and give thickness and depth as indicated.)

Application No. G-8593
Permit No.

MATERIAL	Thickness (Feet)	Depth to Bottom (Feet)
Old Dug Well Pit	26	
Cemented Gravel (Start drilling at 26')	17	43
Gravel & Clay mixed	16	59
Loose Gravel (Water Bearing)	11	70
Clay & Gravel (12" Pipe seated at 105')	68'	138
Brown Clay	5'	143
Gravel (Water bearing)?	2	145
Clay & Gravel (12" Open hole to 285' & 10" open hole after 285')	150	295
Brown Clay	40	335
Clean Gravel (Water Bearing)	5	340
Clay	5	345
Gravel	31	376

Note: At time well was drilled well owner refused fully case construction as recommended by well driller to prevent caving of open hole formations. Well was originally drilled for Mr. Tim McBride, now deceased. Well is recorded in State of Oregon, Dept. of Geology Bulletin No. 41, Index 5-U Page 53.

Well is Owner's design and Construction - drilled by

A. A. DURAND & SON, Walla Walla, Washington

UMAT 57158

From file GR-3868

to state well

July 30, 1958

Oregon State Engineer
Salem, Oregon

Re: Registration of old well developed
before 1927

Dear Sir:

Enclosed herewith is our registration statement concerning an old dug well dug before 1927 and having been deepened by drilling in 1944.

It is the intent of this applicant to establish his claim to prior water right from the old dug well which was put down in 1925 and from which 250 gallons per minute was pumped from 1925 until 1944 when the well was deepened by drilling.

Your attention is called to the fact that the old dug well depth at the time it was deepened by drilling was 26 feet and when the well was drilled deeper the water available from the old dug well was enjoined with that of the waters found in the lower horizons of the drilled well. This enjoining was accomplished by the perforating of the 12" casing within the water horizon of the dug well as shown in the registration statement attached.

The applicant purchased the existing well and did not contract the drilling of the dug well deeper. Therefor if an application for appropriation of ground water secured from the drilled well supplementing that supply from the dug well is required please so advise by return mail.

I repeat and emphasize that it is the desire of the applicant to comply with all the rules and regulations of your department and is at the mercy of the lack of court determination at this time of the status of the legality of ground water at his well site and therefore wishes to establish his claims to which he is fully and rightfully entitled.

In the event further instructions or procedures are necessary please communicate directly with Mr. Courtney. Enclosed herewith is Mr. Courtney's fees in the amount of \$29.25 made payable to your agency.

Anxiously awaiting any further instructions if any are necessary to protect the applicants rights.

Very truly yours,

Paul A. Durand
Paul A. Durand
Well Consultant for J. L. Courtney
122 Otis Street
Walla Walla, Washington

PAD:cr
enc.

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FORM 9-148

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Report Page No. _____
GROUND WATER BRANCH

WATER RESOURCES DIVISION

COUNTY Umatilla

STATE OREGON

WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS

GN/35-2061. J.E. COURTNEY formerly Mr. McBride

... highest water level _____ 19____; lowest _____ 19____
Records available _____ Water level _____

Date	Water level	Date	Water level	Date	Water level	Date	Water level
<i>1961</i>							
<i>JAN 20</i>	<i>11.34</i>						
<i>FEB 20</i>	<i>12.20</i>						
<i>MAR 21</i>	<i>13.40</i>						
<i>APR 20</i>	<i>14.32</i>						
<i>MAY 20</i>	<i>13.39</i>						
<i>JUNE 20</i>	<i>12.63</i>						
<i>JULY 20</i>	<i>20.50</i>						
<i>AUG 21</i>	<i>DRY</i>						
<i>SEPT 20</i>	<i>DRY</i>						
<i>OCT 20</i>	<i>9.45</i>						
<i>DEC 20</i>	<i>9.89</i>						