

**KLAM 14918**

**RECEIVED**  
 DEC 6 1939

**WATER WELL REPORT**  
 STATE OF OREGON

Klam  
 14918

State Well No. 41/10-2R(1)  
 State Permit No. 6-731

ORIGINAL  
 File Original and  
 Duplicate with the  
 STATE ENGINEER,  
 SALEM, OREGON

**(1) OWNER:**  
 Name City of Merrill  
 Address Merrill Oregon

**(2) LOCATION OF WELL:**  
 County KLAMATH Owner's number, if any—  
 1/4 Section T. R. W.M.  
 Bearing and distance from section or subdivision corner  
lot 3 BLK 29 City of Merrill

**(3) TYPE OF WORK (check):**  
 New Well  Deepening  Reconditioning  Abandon   
 \* 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   
8" Diam. from 0 ft. to 1024 ft. Gage Heavy  
 " 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 \_\_\_\_\_ Model No. \_\_\_\_\_  
 \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**CONSTRUCTION:**  
 Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Was a surface seal provided?  Yes  No To what depth? 115 ft.  
 Material used in seal— CLAY  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

**(10) WATER LEVELS:**  
 Static level 47.5 ft. below land surface Date 11-18-39  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Log Accepted by:  
 [Signed] City of Merrill Date Dec, 1939  
 (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? Driller  
 Yield: 325 gal./min. with 5 ft. drawdown after 8 hrs.  
 " " " " " "  
 " " " " " "  
 Bailer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
 Temperature of water 74 Was a chemical analysis made?  Yes  No

**(12) WELL LOG:** Diameter of well 8 inches.  
 Depth drilled 1088 ft. Depth of completed well 1088 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
Soil	0	2'
HAD PAN	2	10
Gravelly clay w/sand strata, water	10	40
Chalk	40	225
SANDSTONE, some water.	225	230
quicksand, water- too fine to screen	230	248
Chalk	248	896.5
Basaltic lava	896.5	1047
Crevasse lava - livestock heavy flow	1047	1086
Red clinders	1086	1088

Work started Sept 1939 Completed Nov 1939

**(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 Clyde Van Meter - Deceased  
 (Person, firm, or corporation) (Type or print)  
 Address Malin Ore  
 Driller's well number \_\_\_\_\_  
 [Signed] \_\_\_\_\_ (Well Driller)  
 License No. \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_  
By Paul D. Lewis, water supt

KLAM 14918

STATE ENGINEER  
Salem, Oregon

*Klamath*  
*14918*

Well Record

STATE WELL NO. *41/10-2R1*  
COUNTY *Klamath*  
APPLICATION NO. ....

OWNER: *Town of Merrill*

MAILING ADDRESS: .....

LOCATION OF WELL: Owner's No. ....

CITY AND STATE: .....

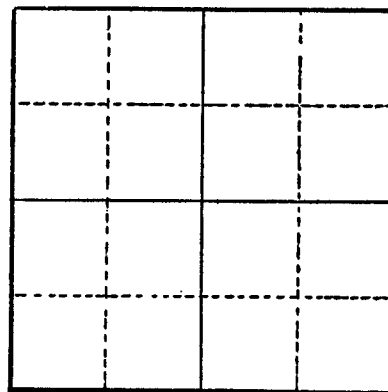
.....  $\frac{1}{4}$  .....  $\frac{1}{4}$  Sec. .... T. .... N. S., R. .... E. W., W.M.

Bearing and distance from section or subdivision corner .....

Altitude at well ..... *4,066* .....

TYPE OF WELL: *Drilled* Date Constructed .....

Depth drilled ..... *1,088* ..... Depth cased ..... *119, 1024,* .....



Section .....

CASING RECORD:

*12 inch ~~119~~ 119 ft.*  
*8 inch ~~1024~~ 1024 ft.*

FINISH:

AQUIFERS:

*Basalt from 1047 to 1088*

WATER LEVEL:

*47 feet below land surface, November, 1939*

PUMPING EQUIPMENT: Type *Turbine* ..... H.P. ....  
Capacity *350* ..... G.P.M. ....

WELL TESTS:

Drawdown ..... ft. after ..... hours ..... G.P.M.  
Drawdown ..... ft. after ..... hours ..... G.P.M.

USE OF WATER *Public Supply* ..... Temp. .... °F. ...., 19.....

SOURCE OF INFORMATION *USGS* .....

DRILLER or DIGGER .....

ADDITIONAL DATA:

Log *X* ..... Water Level Measurements ..... Chemical Analysis *A* ..... Aquifer Test .....

REMARKS:

# KLAM 14918

STATE ENGINEER  
Salem, Oregon

State Well No. 41/10-2R1  
County Klamath  
Application No. \_\_\_\_\_

## Well Log

Owner: City of Merrill Owner's No. \_\_\_\_\_

Driller: C. VanMeter Date Drilled 1939

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
<b>Alluvium:</b>			
Soil and hardpan	0	10	10
Clay, gravelly, with layers of water-bearing sand	10	40	30
Clay, sandy, lowest 28 ft. sticky	40	118	78
Sandstone	118	122	4
Clay	122	213	91
Clay, with some fine sand layers	213	225	12
<b>Yonna formation (?):</b>			
Sandstone, coarse-grained, soft, water-bearing	225	230	5
Sand, fine, water-bearing	230	248	18
Clay	248	312	64
Chalk rock with thin layers of water-bearing sand	312	316	4
Chalk rock	316	430	114
Chalk rock, thin water-bearing laminae	430	431	1
<b>Yonna formation:</b>			
Chalk rock	431	530	99
Sandstone	530	531	1
Chalk rock	531	706	175
Sandstone	706	707	1
Chalk rock, hard, with vertical seams	707	800	93
Chalk rock	800	986½	186½

