

**(1) OWNER:**

Name City of Mt. Vernon  
Address Mt. Vernon, Ore

**(2) LOCATION OF WELL:**

County Grant Owner's number, if any—  
R. F. D. or Street No.  
Bearing and distance from section or subdivision corner  
Sec. 21, T. 13, R. 30 E.W. 7  
1141 ft N E 229 ft W  
from S 1/4 Cor. Sec 21

**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) EQUIPMENT:**

Rotary   
Cable   
Dug Well

**(6) CASING INSTALLED:**

FROM	ft. to	ft.	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
"	"	"	"	"			
"	"	"	"	"			
"	"	"	"	"			
"	"	"	"	"			
"	"	"	"	"			

Type and size of shoe or well ring \_\_\_\_\_  
Describe joint \_\_\_\_\_

**(7) PERFORATIONS:**

Type of perforator used	No. of perforations	ft. to	ft.	in., length, by	in.
	M			perf per foot	No. of rows
	"	"	"	" " "	" " "
	"	"	"	" " "	" " "
	"	"	"	" " "	" " "
	"	"	"	" " "	" " "

**SCREENS:**

Give Manufacturer's Name, Model No. and Size

**(8) CONSTRUCTION:**

Was a surface sanitary seal provided?  Yes  No To what depth \_\_\_\_\_ ft.  
Were any strata sealed against pollution?  Yes  No  
If yes, note depth of strata  
FROM \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
" " " "

**METHOD OF SEALING**

**(9) WATER LEVELS:**

Depth at which water was first found 99 to 103 ft.  
Standing level before perforating \_\_\_\_\_ ft.  
Standing level after perforating \_\_\_\_\_ ft.

**Log Accepted by:**

[Signed] City of Mt. Vernon Dated Feb. 1, 1960  
Owner

**(10) WELL TESTS:**

Was a pump test made?  Yes  No If yes, by whom?  
Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. draw down after \_\_\_\_\_ hrs.  
" " " " " "  
" " " " " "  
Artesian flow \_\_\_\_\_ g.p.m.  
Shut-in pressure \_\_\_\_\_ lbs. per square inch.  
Bailer test \_\_\_\_\_ g.p.m. with \_\_\_\_\_ ft. drawdown  
Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No  
Was electric log made of well?  Yes  No

**(11) WELL LOG:**

Diameter of well, 10 inches.  
Total depth \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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.  
0 ft. to 4 ft. Top soil D. Brown  
4 " 12 " H. Light C. over. with gravel  
12 " 16 " Brown H.P. some talcum 16 -  
16 " 23 " Brown H.P.  
23 to 35 " Brown H.P. - open hole.  
35 " 57 " Brown H.P. Hard pan  
57 " 65 " Cemented gravel, lots of gravel  
65 " 90 " packed clay lots of sand & gravel  
90 " 99 " packed clay & gravel lots of sand  
First water at 99 to 103 ft.  
99 " 103 " gravel & sand cubed basalt  
also - some quartz & sand several  
pieces of flint & a flint Rock  
103 103 " almost a fine sand stone  
45 - 123 another water strata -  
123 125 " gravel carrier some water  
125 135 " Cemented gravel, Hard -  
135 137 " Cemented gravel. Brown -  
137 150 " Blue Basalt Rock Brack some clay  
150 160 " Blue Basalt crushed, some clay  
160 175 " Blue = = = = =  
175 182 " Gray Cemented Gravel  
182 195 " packed clay & lots of gravel - Brown  
195 199 " = = = = =  
199 210 " Gray Cemented gravel.  
210 213 " = = = = =  
213 230 " Brown clay & lots of gravel

Ground elevation at well site \_\_\_\_\_ feet above mean sea level.  
Work started Nov. 24 1959 Completed \_\_\_\_\_ 19\_\_\_\_\_

**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 Rudd W. Davis  
(Person, firm, or corporation) (Typed or printed)

Address Box 145, Prairie City, Ore.

Driller's well number \_\_\_\_\_

[Signed] Rudd W. Davis  
(Well Driller)  
License No. 159 Dated Jan. 1, 1960

*City Well*  
*2. part*

**WATER WELL DRILLERS REPORT**  
**STATE OF OREGON**

**(1) OWNER:**

Name City of Mt Vernon  
Address Mt. Vernon, Ore.

**(2) LOCATION OF WELL:**

County Grant Owner's number, if any--  
R. F. D. or Street No.  
Bearing and distance from section or subdivision corner

**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) EQUIPMENT:**

Rotary   
Cable   
Dug Well

**(6) CASING INSTALLED:**

Threaded  Welded

FROM	ft. to	ft.	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
"	0	240	10"	279			
"	"	"	"	"			
"	"	"	"	"			
"	"	"	"	"			
"	"	"	"	"			

Type and size of shoe or well ring

Describe joint Clayton Mark. 10 in

**(7) PERFORATIONS:**

Type of perforator used Cut with welding machine

SIZE	of perforations	ft. to	ft.	in., length, by	in.	per foot	No. of rows
100	"	240	"	6-1/2	3/8	2.2	2 rows
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

**SCREENS:**

Give Manufacturer's Name, Model No. and Size

**(8) CONSTRUCTION:**

Was a surface sanitary seal provided?  Yes  No To what depth \_\_\_\_\_ ft.

Were any strata sealed against pollution?  Yes  No

If yes, note depth of strata

FROM	ft. to	ft.
"	"	"

METHOD OF SEALING

**(9) WATER LEVELS:**

Depth at which water was first found \_\_\_\_\_ ft.

Standing level before perforating 92. ft.

Standing level after perforating 92. ft.

Log Accepted by:

[Signed] City of Mt Vernon Dated Feb, 1960  
Owner

**(10) WELL TESTS:**

Was a pump test made?  Yes  No If yes, by whom 92. ft. draw

Yield: 193 gal./min. with 107 ft. draw down after 10 hrs.

At 197 ft "pumping level" water would show up for a second. Then back to a full pipe - a gal 156-193-gal

Shut-in pressure \_\_\_\_\_ lbs. per square inch

Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

Was electric log made of well?  Yes  No

**(11) WELL LOG:**

Diameter of well, 10. inches.

Total depth \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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.

030 ft. to 240 ft. Cemented gravel some water  
240 " 257 " Brown clay and lot of gravel  
257 " 270 " Sand stone  
270 " 276 " Cemented gravel some water  
276 " 281 " brown clay & gravel, soft.  
281 " 290 " Cemented gravel, brown mud  
290 " 293 " some water in shell hole  
293 " 305 " Cemented gravel, some water at 303  
305 " 325 " Gray cemented gravel  
325 " 333 " Drilled like there might be water but no noise in static level = still there, but lots of gravel  
333 " 335 " Brown. N.P.  
335 " 350 " Gray cemented gravel hard  
350 " 365 " = = = water 352/364  
Jan. 7, 1960

Drilled today but didn't gain any hole. No more water bearing gravel

Ground elevation at well site \_\_\_\_\_ feet above mean sea level.

Work started Nov. 24 1959 Completed Jan 5 1960

Well Driller's Statement: BT drilled extra hole after  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Jan. 7, 1960

NAME Rudd W. Davis Well Driller  
(Person, firm, or corporation) (Typed or printed)

Address Box 145 Prairie City, Ore.

Driller's well number

[Signed] Rudd W. Davis  
(Well Driller)

License No. 159 Dated Jan. 1, 1960

RECEIVED  
SEP 14 1962

2 ord for at Mt. Vernon well  
40 ft. to at Sub M. pump  
in well

File Original and  
First Copy with the  
STATE ENGINEER,  
SALEM, OREGON

STATE ENGINEER  
SALEM, OREGON

WATER WELL REPORT

State Well No. 13/30-21P

STATE OF OREGON

GRAN 322

State Permit No.

13/30-21P

(1) OWNER:

Name City of Mt. Vernon  
Address Mt. Vernon, Ore

(2) LOCATION OF WELL:

County Grant Owner's number, if any—  
1/4 1/4 Section T. R. W.M.

Bearing and distance from section or subdivision corner

This well pumped when first drilled  
123-gal. up to 193 per min. and did not  
break suction for 12 hrs  
All water pumped to hand with  
was pump and fouled in it.

(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

10" Diam. from 0 ft. to 240 ft. Gage Standard  
8" Diam. from 210 ft. to 410 ft. Gage 5'  
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used

SIZE of perforations 1/4 in. by 3 to 6 = in.  
perforations from ft. to ft.  
all of 8" perforations in perforated 210 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.  
Slot size Set from ft. to ft.  
Diam. Slot size Set from ft. to ft.

(9) 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? ft.  
Material used in seal—  
Did any strata contain unusable water?  Yes  No  
Type of water? Depth of strata  
Method of sealing strata off

(10) WATER LEVELS:

Static level 90 ft. below land surface Date 2/29/62  
Artesian pressure lbs. per square inch Date

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: 100 gal./min. with 100 ft. drawdown after hrs.  
at 360-ft. The pump was pumped  
down on night. Last check 9 mch  
Bailer test 15 gal./min. with 100 ft. drawdown after hrs.  
Artesian flow g.p.m. Date  
Temperature of water Was a chemical analysis made?  Yes  No

(12) WELL LOG:

Diameter of well \_\_\_\_\_ inches.

Depth drilled 470 ft. Depth of completed well 470 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
Cemented gravel sand	363	372
2 to 3 in layer of washed gr.	372	372-3
Cemented gravel sand & gray	372	387
More gravel - washed		
Up to 1 1/2 coarse gravel sand	387	387 1/2
Gray cemented gravel sand	387 1/2	392
More washed gr.	392	394
Some larger gravel		
Gray cemented gravel sand	394	410
Entire a layer of gravel 2 in		
up to 2-6 in they call it	405	410
gravel in layer of good clay		
cut had to go in 8' to stop		
item from coming in		
Clay & gravel aquifer	410	415
More Gray cemented gravel sand	415	430
small layer of gravel	430	
Clay & gr. soft	430	433
Hard gray again	433	440
Thin sand, still they	440	450
a layer of washed gr. some sand		
& gravel	455	460
drill for day & 1/2 - 3 hrs		
Blue clay & gravel	460	470

Work started 19 \_\_\_\_\_ Completed Feb. 20 1962

(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 Paul W. Dowd & Roger  
(Person, firm, or corporation) (Type or print)  
Address John Day, Ore  
Driller's well number  
[Signed] Paul W. Dowd  
(Well Driller)  
License No. 159 Date Mar. 1, 1962