

NOTICE TO WATER WELL CONTRACTOR  
 The original and first copy  
 of this report are to be  
 filed with the  
 STATE ENGINEER, SALEM 10, OREGON  
 within 30 days from the date  
 of well completion.

**WATER WELL REPORT**

MAY 10 1964 STATE OF OREGON  
 (Please type or print)

KLAM 13539

39/12-17A

State Well No. \_\_\_\_\_  
 State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name Harold C. Williams  
 Address Box 181  
Bonanza Ore

**(2) LOCATION OF WELL:**

County Helenath Driller's well number \_\_\_\_\_  
 1/4 Section T. R. W.M.  
 Bearing and distance from section or subdivision corner

566° 02' W 985  
in corner S 8, 16 & 17

**(3) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
 and/or abandonment, describe material and procedure in Item 12.

**(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   
 1 1/2" Diam. from 0 ft. to 130 ft. Gage 2.50  
 " 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.  
 Diam. Slot size Set from " ft. to " ft.

**(9) CONSTRUCTION:**

Well seal—Material used in seal Cement  
 Depth of seal 130 ft. Was a packer used? no  
 Diameter of well bore to bottom of seal 20 in.  
 Were any loose strata cemented off?  Yes  No Depth \_\_\_\_\_  
 Was a drive shoe used?  Yes  No  
 Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
 Gravel placed from " ft. to " ft.  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

**(10) WATER LEVELS:**

Static level 95 ft. below land surface Date May 9  
 Artesian pressure lbs. per square inch Date \_\_\_\_\_

**(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: 3000 gal./min. with 19 ft. drawdown after 4 hrs.  
 " " " " " "  
 " " " " " "  
 Baller test gal./min. with " 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 below casing 1 1/2  
 Depth drilled 708 ft. Depth of completed well 708 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
top soil	0	5
yellow sandstone	5	20
yellow clay	20	35
brown sandstone	35	108
pink clay	108	115
lava rock	115	230
Basalt rock	230	270
lava rock	270	465
Basalt rock	465	515
lava rock	515	620
Basalt rock	620	670
clay & cinders	670	674
yellow sandstone	674	686
lava rock	686	708
water in broken lava at 700 ft		

Work started Dec 1963 Completed May 1964  
 Date well drilling machine moved off of well May 1964

**(13) PUMP:**

Manufacturer's Name \_\_\_\_\_  
 Type: \_\_\_\_\_ H.P. \_\_\_\_\_

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME W. L. Hartley & Son  
 (Person, firm or corporation) (Type or print)  
 Address Bonanza Ore  
 Drilling Machine Operator's License No. 119  
 [Signed] W. L. Hartley  
 (Water Well Contractor)  
 Contractor's License No. 164 Date May 9, 1964