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 STATE ENGINEER

**WATER WELL REPORT**  
 STATE OF OREGON

Klam  
 959

34/7-33

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

State Well No. ....

State Permit No. ....

**(1) OWNER:** SALEM, OREGON  
 Name Winema National Forest  
 Address 411 Main St.  
Klamath Falls, Oregon

**(2) LOCATION OF WELL:**  
 County Klamath Owner's number, if any—  
 1/4 Section 33 T. 34 R. 7 E W.M.  
 Bearing and distance from section or subdivision corner

**(3) 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) TYPE OF WELL:** Rotary Cable  Driven   
 Dug  Bored

**(6) CASING INSTALLED:** Threaded  Welded   
 8" Diam. from + 6" ft. to 417.6 ft. Gage 0.277  
 6" Diam. from 365 ft. to 465 ft. Gage 0.280

**(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.

**(8) SCREENS:** Well screen installed  Yes  No  
 Manufacturer's Name Johnson Everdur  
 Type close rodded Model No. ....  
 6" Slot size 30 Set from 460 ft. to 475 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? 418 ft.  
 Material used in seal— Cement 10 cu. 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 9.6 ft. below land surface Date Aug 13 '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? Contractor  
 Yield: 110 gal./min. with 40 ft. drawdown after 8 hrs.  
 " " " "  
 " " " "  
 Bailer test gal./min. with ..... ft. drawdown after ..... hrs.  
 Artesian flow ..... g.p.m. Date .....  
 Temperature of water 52 Was a chemical analysis made?  Yes  No

**(12) WELL LOG:** Diameter of well ..... inches.  
 Depth drilled 480 ft. Depth of completed well 475 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 Pumice (fine)	0	2.6
Pumice (coarse) boulders, clay	2.6	10
Yellow Clay	10	20
Blue Clay	20	30
At 32 ft. approx. 2" yellow fine sand & surface water approx 2 G.P.M.		
Grey Clay	30	77.5
Blue <del>Clay</del> Sand (med fine)	77.5	78
Blue Lava Rock	78	80
Fine Sand (dry)	80	95
Pink Clay	95	117
Grey Clay	117	140
Hard Grey Shale (15' extra)	140	180
Grey & Green Clay	180	220
Grey Sand (packed)	220	222
Green Clay	222	250
Green Clay (packed)	250	306
Consolidated Black Lava (hard)	306	360
Pink Clay (very sticky)	360	398
Black Lava Sand (med)	398	400
Pink Clay (sticky)	400	402
Black Lava Rock (extra hard)	402	415
Lava impregnated with Quartz (Good Aqua-Fir)	415	480

Work started May 23 1962 Completed Aug 2 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 Charles E. Hartley Well-drilling  
 (Person, firm, or corporation) (Type or print)  
 Address 4779 1/2 So. 6th St. Klamath Falls, Ore

Driller's well number .....  
 [Signed] Charles E. Hartley  
 (Well Driller)  
 License No. 145 Date Aug 2, 1962