

YAMH State Well No. 4/4W-36
5956 State Permit No. _____

(1) OWNER:
Name Harold Hop
Address 112 S. 108th Dayton Ore

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: Rotary Cable Dug Driven Jetted Bored
(4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other

CASING INSTALLED: Threaded Welded
6" Diam. from 0 ft. to 20 ft. Gage 114
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS: Perforated? Yes No.
Type of perforator used torch
Size of perforations 1/4 in. by 6 in.
160 perforations from 100 ft. to 120 ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) 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: 125 gal./min. with 60 ft. drawdown after 4 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. _____
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Well seal—Material used cement
Well sealed from land surface to 30 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 12 in. 3
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: 3/4
Gravel placed from 30 ft. to 120 ft.

(10) LOCATION OF WELL:
County Yamhill Driller's well number 176
1/4 Section 36 T. 45 R. 4W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found 100 ft.
Static level 20 ft. below land surface. Date 5-5-71
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 0
Depth drilled 120 ft. Depth of completed well 120 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<u>top soil</u>	<u>0</u>	<u>2</u>	
<u>tan clay</u>	<u>2</u>	<u>21</u>	
<u>blue clay</u>	<u>21</u>	<u>52</u>	
<u>black sand</u>	<u>52</u>	<u>62</u>	
<u>blue clay</u>	<u>62</u>	<u>100</u>	
<u>sand & gravel</u>	<u>100</u>	<u>119</u>	
<u>blue clay</u>	<u>119</u>	<u>120</u>	

Work started 5-1 1971 Completed 5-5 1971
Date well drilling machine moved off of well 5-5 1971

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Robert S. Helburn Date 5-29, 1971
(Drilling Machine Operator)
Drilling Machine Operator's License No. 337

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 Blue Water Drilling Co.
(Person, firm or corporation) (Type or print)
Address RT 1, Bx 75 Dayton, Ore
[Signed] Robert S. Helburn
(Water Well Contractor)
Contractor's License No. 417 Date 5-29, 1971