

**WATER WELL REPORT**  
STATE OF OREGON

UMAT  
4471

**RECEIVED**

OCT 11 1982

**WATER RESOURCES DEPT.**  
**SALEM, OREGON**

State Well No. 6W/35E-24  
State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name Gene A. Huffman  
Address RT # 3 Box 147 B3  
City Milton Freewater State 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 Air  Driven  Domestic  Industrial  Municipal   
Rotary Mud  Dug  Irrigation  Test Well  Other   
Cased  Bored  Thermal: Withdrawal  ReInjection

**(4) PROPOSED USE (check):**

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded

10" Diam. from 0 ft. to 300 ft. Gauge 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**LINER INSTALLED:**

" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No

Type of perforator used Acetylene  
Size of perforations 7/8-1/2 in. by 8 in.  
80 perforations from 65 ft. to 140 ft.  
210 perforations from 140 ft. to 285 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? Manlatt  
Yield: 220 gal./min. with 170 ft. drawdown after 10 hrs.  
" 150 " 100 " 10 "  
Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 58 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No

Well seal—Material used Benite  
Well sealed from land surface to 37 ft.  
Diameter of well bore to bottom of seal 16 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 6 sacks  
How was cement grout placed? Grout pump

Was pump installed? \_\_\_\_\_ Type Sub HP 20 Depth 210 ft.  
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: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**

County Umatilla Driller's well number \_\_\_\_\_  
NE 1/4 NE 1/4 Section 24 T. 6N R. 35 E W.M.  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_

Address at well location: E.M. Huffman  
RT # 3 Box 157 Milton Freewater, Ore. 97862

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 63 ft.  
Static level 54 ft. below land surface. Date Sep. 10-82  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 10

Depth drilled 305 ft. Depth of completed well 305 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
Top soil - Brown clay	0	34	
Gravel - Cement - Brown	34	56	
Clay - Brown	56	59	
Gravel - Cement - Brown	59	88	
Drilling water	63		
Gravel - Med. some water	88	91	49
Gravel - Cement - Brown	91	142	
Gravel - Med - some water	142	149	
Clay - Brown	149	153	49
Gravel - Brown	153	170	
Gravel some cleaner	170	236	49
Clay - Brown	236	239	
Gravel - Cement - Brown	239	280	
Gravel - water bearing	280	285	54
Clay - Brown	285	287	
Gravel cleaner water	287	293	54
Gravel - Cement - Brown	293	305	54

Work started Aug. 12 19 82 Completed Sep. 6 19 82  
Date well drilling machine moved off of well Sep. 14 19 82

**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] Lowell M. Melath Date Sep. 14, 1982  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 11

**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 Lowell M. Melath  
(Person, firm or corporation) (Type or print)  
Address RT # 3 Box 140-B Milton Freewater, Ore.

[Signed] Lowell M. Melath  
(Water Well Contractor)

Contractor's License No. 265 Date Sep. 14, 19 82