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STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

WATER RESOURCES DEPT
PLEASE TYPE OR PRINT IN INK
SALEM, OREGON

(for official use only)

(1) OWNER: **U.S. Army** *Test Site* Page 1

Name **U.S. Army** Address **Redmond** City **Redmond** State **Ore**

(2) TYPE OF WORK (check): **97756**

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):

Rotary Air ☒ Driven ☐ Domestic ☐ Industrial ☐ Municipal ☐

Rotary Mud ☐ Dug ☐ Irrigation ☐ Thermal: ☐ Withdrawal ☐ Reinjection ☐

Other: **military** Piezometric ☐ Grounding ☐ Test ☐

(5) CASING INSTALLED: Steel ☒ Plastic ☐

8" Diam. from **410** ft. to **420** ft. Gauge **.250**

7" Diam. from **422** ft. to **422** ft. Gauge **.250**

LINER INSTALLED: Steel ☒ Plastic ☐

6" Diam. from **422** ft. to **462** ft. Gauge **.250**

(6) PERFORATIONS: Perforated? ☐ Yes ☒ No

Size of perforations in. by in.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS: Well screen installed? ☒ Yes ☐ No

Manufacturer's Name **Johnson's**

Type **Stainless Steel** Model No.

Diam. **6"** Slot Size **.025** Set from **462** ft. to **487** ft.

Diam. **6".250** well Size Set from **487** ft. to **492** 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? **A & H Pump**

97 gal./min. with **0** ft. drawdown after **4** hrs.

(test pumped from '447' prior to screen placement)

Air test gal./min. with ft. drawdown after hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water **52** Depth artesian flow encountered ft.

(9) CONSTRUCTION: Special standards: Yes ☐ No ☒

Well seal—Material used **cement**

Well sealed from land surface to **29** ft.

Diameter of well bore to bottom of seal **12** in.

Diameter of well bore below seal **10" bore 29 to 420-8" 420 to 492**

Amount of sealing material **30** sacks ☒ pounds ☐

How was cement grout placed? **pumped from 29 to 0**

Was pump installed? **no** Type **HP** Depth **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: **ft.**

Gravel placed from **ft. to** ft.

(10) LOCATION OF WELL by legal description:

County **Crook** **81** $\frac{1}{4}$ of Section **31** of Township **15S** Range **14E** WM.

(Township is North or South) (Range is East or West)

Tax Lot **E** Lot **E** Block **E** Subdivision

MAILING ADDRESS OF WELL (or nearest address)

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found **370** ft.

Static level **370** ft. below land surface. Date **1/2/85**

Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing **0**

Depth drilled **492** ft. Depth of completed well **492** 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
compacted fill	0	4	
lt brn congl	4	10	
brkn vesicular basalt	10	18	
gray basalt	18	38	
tan tuft	38	63	
gray basalt	63	79	
tan welded tuft	79	103	
lt tan tuft	103	118	
gray basalt	118	131	
brnsh gray basalt	131	138	
gray vesicular basalt	138	141	
gray basalt	141	153	
redish gray vesicular basalt	153	167	
gray basalt	167	185	
redish brn vesicular	185	193	
gray basalt	193	211	
brn congl fine	211	253	
gray vesicular basalt	253	260	
gray basalt	260	318	
redish gray vesicular	318	368	
red congl fine (WB)	368	385	370

Date work started **12/10/84** /completed **1/2/85**

Date well drilling machine moved off of well **1/3/** 19 **85**

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

(Signed) *John V Johnson* Date **1/2/85**, 19 **85**

(bonded) Water Well Constructor Certification:

Bond **468400** Issued by: **U.S.F.G.** (number) (Surety Company Name)

On behalf of **John V Johnson** (type or print name of Water Well Constructor)

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

(Signed) *John V Johnson* 595 (Water Well Constructor)

(Dated) **1/4/85**

NOTICE TO WATER WELL CONSTRUCTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*46866-690

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