

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

RECEIVED YAMH 7165

FEB 14 1986

PLEASE TYPE or PRINT IN INK

YAMH

7165

53/4W-30ab

WATER RESOURCES DEPT

(for official use only)

(1) OWNER:

Name **City of Amity**
 Address **P. O. Box 126**
 City **Amity** State **Oregon**
 ZIP **97101**

(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
 Rotary Mud Dug
 Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Thermal:
 Irrigation Withdrawal ReInjection
 Other:
 Piezometric Grounding Test

(5) CASING INSTALLED:

Steel Plastic
 Threaded Welded
 10" Diam. from 2" ft. to 89" ft. Gauge .365
 " Diam. from " ft. to " ft. Gauge

LINER INSTALLED:

Steel Plastic
 Threaded Welded
 " Diam. from " ft. to " ft. Gauge

(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 **UOP Johnson**
 Type **Watermark SS** Model No. **82**
 Diam. **10 PS** Slot Size **150** Set from **62** ft. to **82** 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? **SEI**
 41 gal./min. with 66 ft. drawdown after 27 1/2 hrs.
 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 -- Depth artesian flow encountered -- ft.

(9) CONSTRUCTION:

Special standards: Yes No
 Well seal—Material used **Readmix concrete (5 sk mix)**
 Well sealed from land surface to **24** ft.
 Diameter of well bore to bottom of seal **36** in.
 Diameter of well bore below seal **32** in.
 Amount of sealing material **8 cu yards** sacks pounds
 How was cement grout placed? **Well was pumped down and concrete poured into annular space as temporary casing was removed**
 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: **1/2-3/4**
 Gravel placed from **24** ft. to **89** ft.

(10) LOCATION OF WELL by legal description:

County **Yamhill** NW 1/4 NE 1/4 of Section **30** of
 Township **5S** Range **4W** WM.
 (Township is North or South) (Range is East or West)
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 MAILING ADDRESS OF WELL (or nearest address) _____

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found **52** ft.
 Static level **10** ft. below land surface. Date **12/19/85**
 Artesian pressure **---** lbs. per square inch. Date **---**

(12) WELL LOG:

Diameter of well below casing **---**
 Depth drilled **89** ft. Depth of completed well **89** 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	0	2	
Clay, grey & brown, med	2	6	
Clay, brown, silty, med-soft	6	14	
Clay, grey, soft	14	47	
Clay, green w/some gravel	47	49	
Clay, dark green, sandy w/some pea gravel	49	51	
Clay, brown, fine sandy w/some gravel	51	52	
Gravel 1" minus & sand, brown, lightly cemented	52	53	
Gravel 2 1/2" minus & sand, brown, rusty (occ. wood)	53	64	
Gravel 2 1/2" minus & sand, brown, rusty	64	67	
Clay, grey & gravel 2" -	67	68	
Clay, grey, soft, gritty	68	69	
Gravel 2 1/2" minus & sand, black slightly cemented	69	82	
Shale	82	89	
Hard basalt	89	-	

Date work started **10/31/85** /completed **1/24/86**
 Date well drilling machine moved off of well **1/24 19 86**

(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 M. Johnson* Date **2/13, 19 86**

(bonded) Water Well Constructor Certification:

Bond **EX490-652** Issued by: **American States Ins.**
 (number) (Surety Company Name)
 On behalf of **Schneider Equipment, Inc.**
 (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) *Stephen Schneider*
 (Water Well Constructor)

(Dated) **2/13/86**

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. **SEI #8604** SP*46866-690