

**Attachment 1 – Well Construction Logs**

Water Well Report for the Quincy Water Association Well #2A

**Attachment 2 – Well Design**

Well Design for the Proposed Quincy Water Association Well #2B

T 11024

Supplemental Form A

- 7 -

Description of Proposed Change(s) to a Water Right

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WATER RESOURCES DEPT  
SALEM, OREGON

WATER WELL CONTRACTOR  
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.

### WATER WELL REPORT

STATE OF OREGON  
(Please type or print)

State Well No. \_\_\_\_\_  
State Permit No. \_\_\_\_\_

(Do not write above this line)

(1) OWNER:  
Name Quincy Water Association  
Address Clatskanie, Oregon

(2) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

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

(5) CASING INSTALLED:  
6" Diam. from 21 ft. to 114 1/2 ft. Gage 250  
5" Diam. from 100 ft. to 230 ft. Gage 188

(6) PERFORATIONS:  
Type of perforator used Torch-Cut  
Size of perforations 3/8 in. by 7 in.  
57 perforations from 120 ft. to 230 ft.

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

(8) WELL TESTS:  
Drawdown in amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? Driller  
Yield: 100 gal./min. with \_\_\_\_\_ ft. drawdown after 1 hrs.  
Air rotary tested at 229'  
Test pumping and curve will be done at a later date

Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:  
Well seal—Material used Cement w/ 20 bentonite  
Well sealed from land surface to 45'  
Diameter of well bore to bottom of seal 12"  
Diameter of well bore below seal 8 3/4"  
Number of sacks of cement used in well seal 34 sacks  
How was cement grout placed? 10" casing placed ground surface to 44'—1 1/2" pipe lowered to 45'—and then cement was pumped 100psi till overflowed to surface and 10" casing was back pulled and same process was repeated  
Was a drive shoe used?  Yes  No  
Did any strata contain unusable water?  Yes  No  
Type of water: Possibly sandy depth of strata 70' to 78'  
Method of sealing strata: driving casing and gravel pack  
Was well gravel packed?  Yes  No Size of gravel: 1/4 to 1/2"  
Gravel placed from 45' ft. to 113' ft.

(10) LOCATION OF WELL:  
County Columbia Driller's well number No. 2  
NE 1/4 SE 1/4 Section 35 T. 8N R. 4E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.  
Depth at which water was first found 125' ft.  
Static level 90' ft. below land surface. Date 1-31-78  
Artesian pressure 0 lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG: Diameter of well below casing 10"  
Depth drilled 230 ft. Depth of completed well 230 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 Brown	2	20	
Clay Reddish Brown	20	24	
Clay Brown	24	41	
Clay Blue	41	44	
Boulders	44	44 1/2	
Brown Sandy Clay w/ some rock	44 1/2	78	
Silt Stone Dark Gray	78	110	
Shale Dark Gray	110	135	
Sandstone very dark gray soft	135	168	
Sandstone very dark brown soft	168	205	
Shale Blue	205	212	
Sandstone Dark Brown	212	215	
Rock Fractured blue-black	215	230	

Work started 1-27 1978 Completed 1-31 1978  
Date well drilling machine moved off of well 1-31 1978

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] Dale Mc Ghee Date 2-6 1978  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 363

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 Dale Mc Ghee Well Drilling  
(Person, firm or corporation)  
Address 3032 Allen St. Kelso  
[Signed] Dale Mc Ghee  
(Water Well Contractor)  
Contractor's License No. 474 Date 2-6 1978

(USE ADDITIONAL SHEETS IF NECESSARY)

OFFICE ID: 03830 QUINCY WATER ASSOC. (SITE: C03830)  
 ADDRESS: X DICK SMOCK  
~~R 0 BOX 403~~ 19396 *Neum Rd*  
 CLATSKANIE, OR 97016

PAGE

(503) 728-2386 *Dick Smock*

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QUANTITY ORDERED	DESCRIPTION	INVOICE	INVOICE
	WELL # 2 DRILLED JAN. 1978	/	/
	WHEN DRILLED: DEPTH 230 FT GPH 6000	/	/
	1978: PUMP INSTALLATION	/	/
	554X20/B JACUZZI SUB 5 HP, 230V	/	/
	216 FT X 2" GIP 220 FT #6-3 WIRE	/	/
	TWO 2" CHECK VALVES, WELL SEAL	/	/
	216 FT AIR TUBING, MISC. FITTINGS	/	/
	1980: CHECK OUT PUMPS	/	/
	WELL # 2 PRODUCING 75 GPM OPEN	/	/
	DISCHARGE, BUT ONLY 35 GPM THRU	/	/
	FILTER. TAKES 60 PSI TO GO THRU	/	/
	FILTER.	/	/
	1982: 15 GALLONS LBA, BALL VALVE	/	/
	MISC. FITTINGS & LABOR	/	/
	DEC. 1982: 2 HRS LABOR - OVERLOAD	/	/
	PROTECTOR KICKED OFF	/	/
	DEC. 1982 RELAY & CAPACITOR	/	/
	MARCH 1986: 554XP18/A JACUZZI SUB	/	/
	127 FT X 2" GIP, CK VALVE, FITTINGS	/	/
	FEB. 1990 PUMP REPLACED UNDER	/	/
	WARRANTY NEW PUMP: 506445-18	/	/
	JACUZZI SUB 5 HP	/	/
	REPLACED 84' 8" X 2 GIP, CK VALVE	/	/
	MISC. FITTINGS & LABOR	/	/
	PUMP SET 216 FT X 2" GIP	/	/

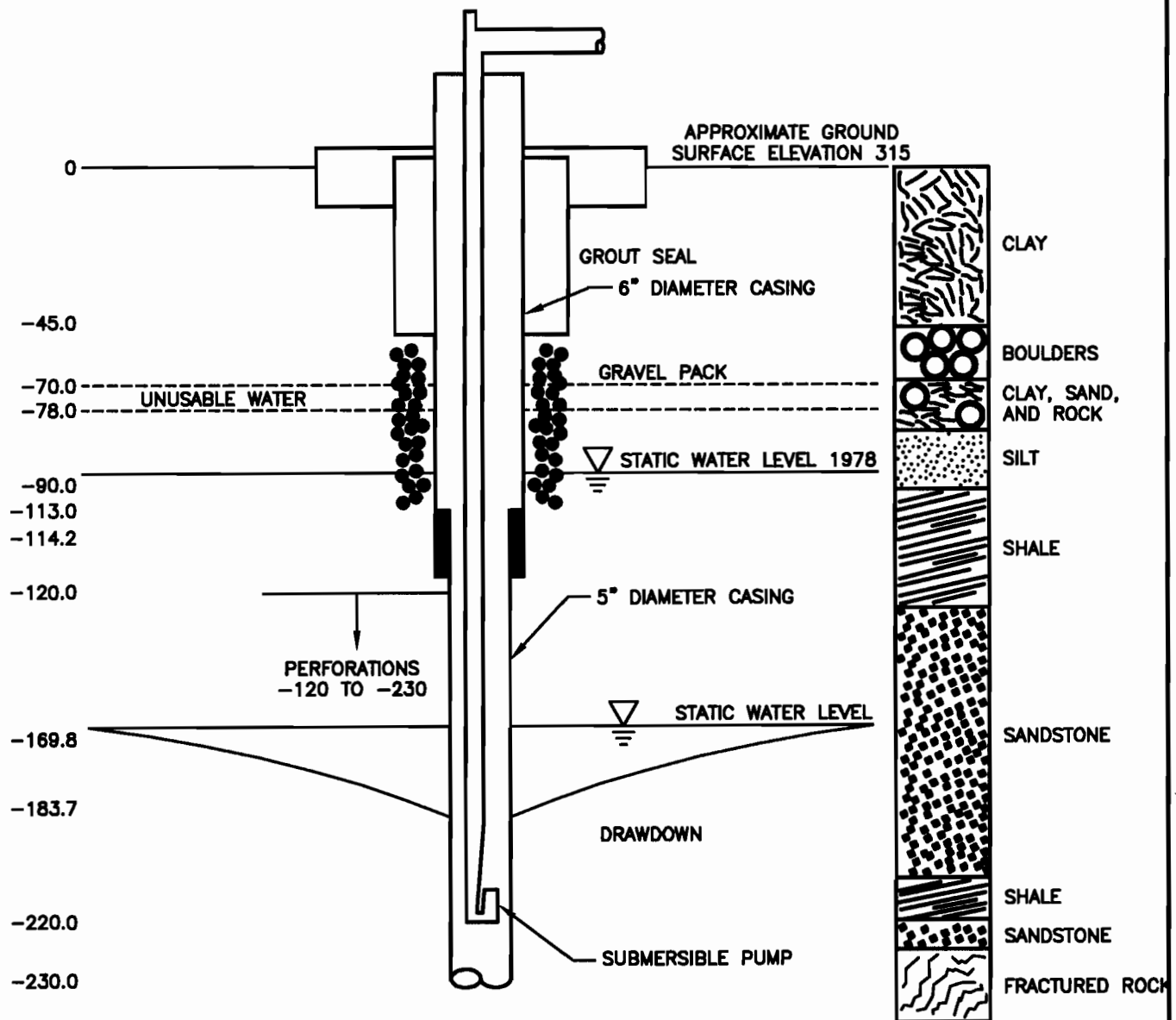
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**WELL NO. 2A PROFILE**  
 QUINCY WATER ASSOCIATION WATER RIGHTS TRANSFER APPLICATION

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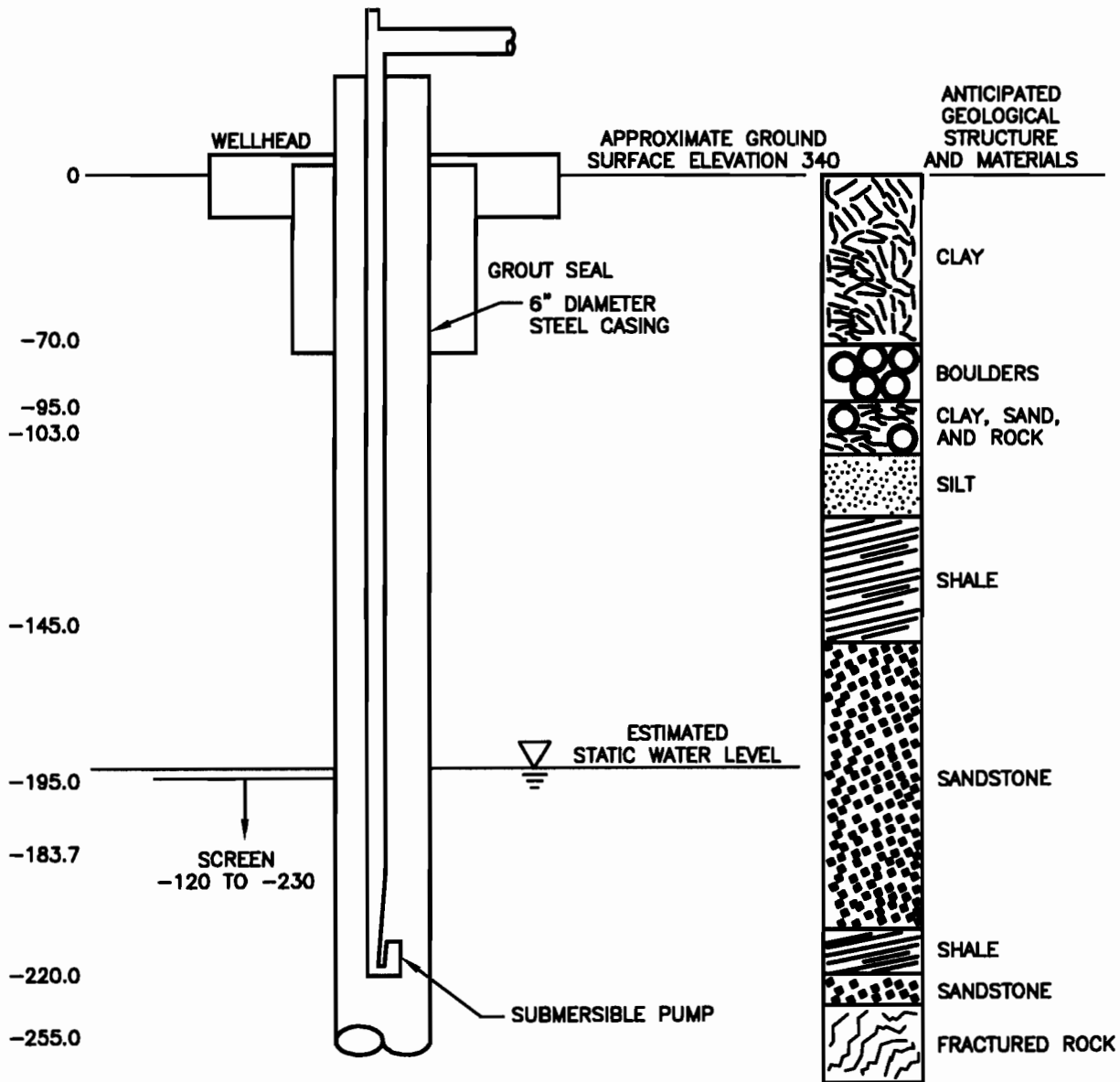
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**NEW WELL NO. 2B DESIGN**  
 QUINCY WATER ASSOCIATION WATER RIGHTS TRANSFER APPLICATION

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