

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

RECEIVED

CROOK
184

153/16E-5da

(1) OWNER: Well Number 181987
 Name City of Prineville
 Address 400 East Third Street
 City Prineville State Oregon Zip 97754

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION:
 Final Construction approval Yes No Depth of Completed Well 259 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16	0	225	Concrete	0	10	7 cu. yds
12	225	260	Cement	10	225	272 sacks
8	260	263				

How was seal placed: Method A B C D E
 Other 0'-9' tremied & probed
 Backfill placed from 259 ft. to 263 ft. Material sand
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	12	+3.5	228	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	10	218	228	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	10	249	259	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type wire wrap Material S.S.

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
8	232	.050		12	TS	<input type="checkbox"/>	<input type="checkbox"/>
232	249	.090		12	TS	<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
400	175		1 hr.
400	188.5		4 hrs
300	142		16 hrs

Temperature of water 57°F Depth Artesian Flow Found 225
 Was a water analysis done? Yes By whom WF & R Lab
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Crook Latitude _____ Longitude _____
 Township 15S N or S, Range 16E E or W, WM.
 Section 5 NE 1/4 of SE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
31 ft. below land surface. Date 1/21/87
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 8

From	To	Estimated Flow Rate	SWL
225	249	See well test	
8	199	>100 gpm	8

(12) WELL LOG: Group elevation Approx. 2880

Material	From	To	SWL
Clay, brown	0	8	
Grvl, lg & sand, crse, brown	8	26	8
Sand, brown w/gravel	26	30	
Sand, brown, med.	30	41	
Sand, black, med-fine	41	72	
Sand, grey, fine-silt w/wood	72	184	
Sand, grey, fine-silt w/clay lenses	184	199	
Clay, grey, sticky	199	225	
Sand, black, coarse-fine	225	228	
Gravel & sand, blk, coarse	228	231	
Gravel, lg & sand, some cement	231	238	
Gravel, med-small & sand, med-coarse	238	249	
Clay, grey, firm	249	267	
Clay, grey, soft	261	263	

Date started 8/26/86 Completed 2/4/87

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 Signed Engineer Mark WWC Number 1394
 Date 2/13/87

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
 Signed Stephens Schneider WWC Number 649
 Date 2/13/87

WELL DRILLING
IRRIGATION
CONTROL SYSTEMS



**SCHNEIDER
EQUIPMENT, INC.**

PUMPS
ENGINEERED WATER SYSTEMS
SALES AND SERVICE

21881 River Road N.E. St. Paul, Oregon 97137 (503) 633-2666

February 13, 1987

Water Resources Department
3850 Portland Road, NE
Salem, OR 97310

Attention: Tom Paul

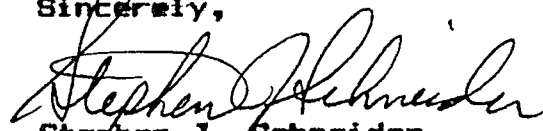
Re: City of Prineville Municipal Well
NE 1/4 of SE 1/4 Sec. 5 T 158 R 16E Crook County

Dear Tom,

Per our phone conversations, enclosed is the log of the City of Prineville well which we recently completed. As previously discussed, our efforts to seal the well with neat cement grout appeared futile as the grout disappeared into the extremely porous upper gravel formation. After discussing the situation with yourself we tried filling the annular space with a sand concrete mix. Four cubic yards of the sand concrete only raised the seal approximately 6 inches so we finally completed filling the annular space with approximately 3 cubic yards of a regular gravel concrete mix.

We trust this special construction meets with your approval. If you have any questions, please do not hesitate to call.

Sincerely,



Stephen J. Schneider
General Manager

L0263.WRD