

The original and first copy of this report are to be filed with the

WATER WELL REPORT JAN 13 1987

4D

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

CROO
1894

STATE OF OREGON WATER RESOURCES DEPT

State Well No. 155-15E-1126

(Please type or print)

SALEM, OREGON

State Permit No. _____

(Do not write above this line)

(1) OWNER:

Name JERE GRUNIGEN
Address P.O. Box 182
Redmond, Oregon 97756

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
8" Diam. from ±2 ft. to 25 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

Size of perforations	in.	by	in.	ft.	ft.
_____ perforations from _____				_____	_____
_____ perforations from _____				_____	_____
_____ perforations from _____				_____	_____

(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

a pump test made? Yes No If yes, by whom?

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Blow tested @ 135 G.P.M. 2 "

" " " " " "

Boiler test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m.

Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement

Well sealed from land surface to 25 ft.

Diameter of well bore to bottom of seal 12 in.

Diameter of well bore below seal 8 in.

Number of sacks of cement used in well seal 17 sacks

How was cement grout placed? Pressure grouted

with 1" pipe from 25 ft. to

Surface

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 Chook Driller's well number _____
N.W. ¼ S.E. ¼ Section 11 T. 155 R. 15E W.M. _____
Bearing and distance from section or subdivision corner
Pinville Airport

(11) WATER LEVEL: Completed well.

Depth at which water was first found 448 ft.

Static level 414 ft. below land surface. Date 12-11-87

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 492 ft. Depth of completed well 475 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
<u>Overburden</u>	<u>0</u>	<u>1</u>	
<u>Basalt</u>	<u>1</u>	<u>195</u>	
<u>Sandstone + Cong. Dr.</u>	<u>195</u>	<u>448</u>	<u>414</u>
<u>Water bearing Basalt</u>	<u>448</u>	<u>475</u>	

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DEC 15 1980

WATER RESOURCES DEPT
SALEM, OREGON

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MAY 02 2007

WATER RESOURCES DEPT
SALEM, OREGON

Work started 11-12-80 Completed 12-11-80

Date well drilling machine moved off of well 12-12-80

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] Th. Gordon Davidson Date 11-12-1980
(Drilling Machine Operator)

Drilling Machine Operator's License No. 685

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 DAVIDSON DRILLING
(Person, firm or corporation) (Type or print)

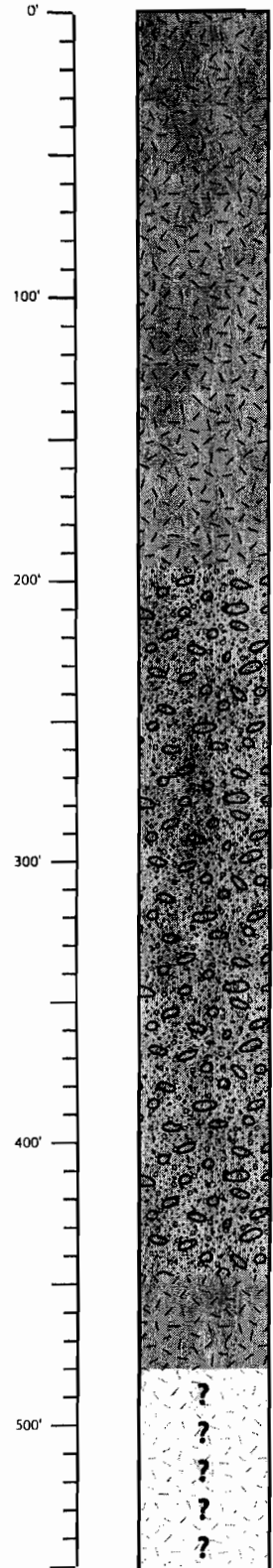
Address P.O. Box 315 Redmond, Ore.

[Signed] Th. Gordon Davidson
(Water Well Contractor)

Contractor's License No. 548 Date 11-12, 1980

Anticipated Lithology
(from CROO 1894)

Depth
(ft bgs)



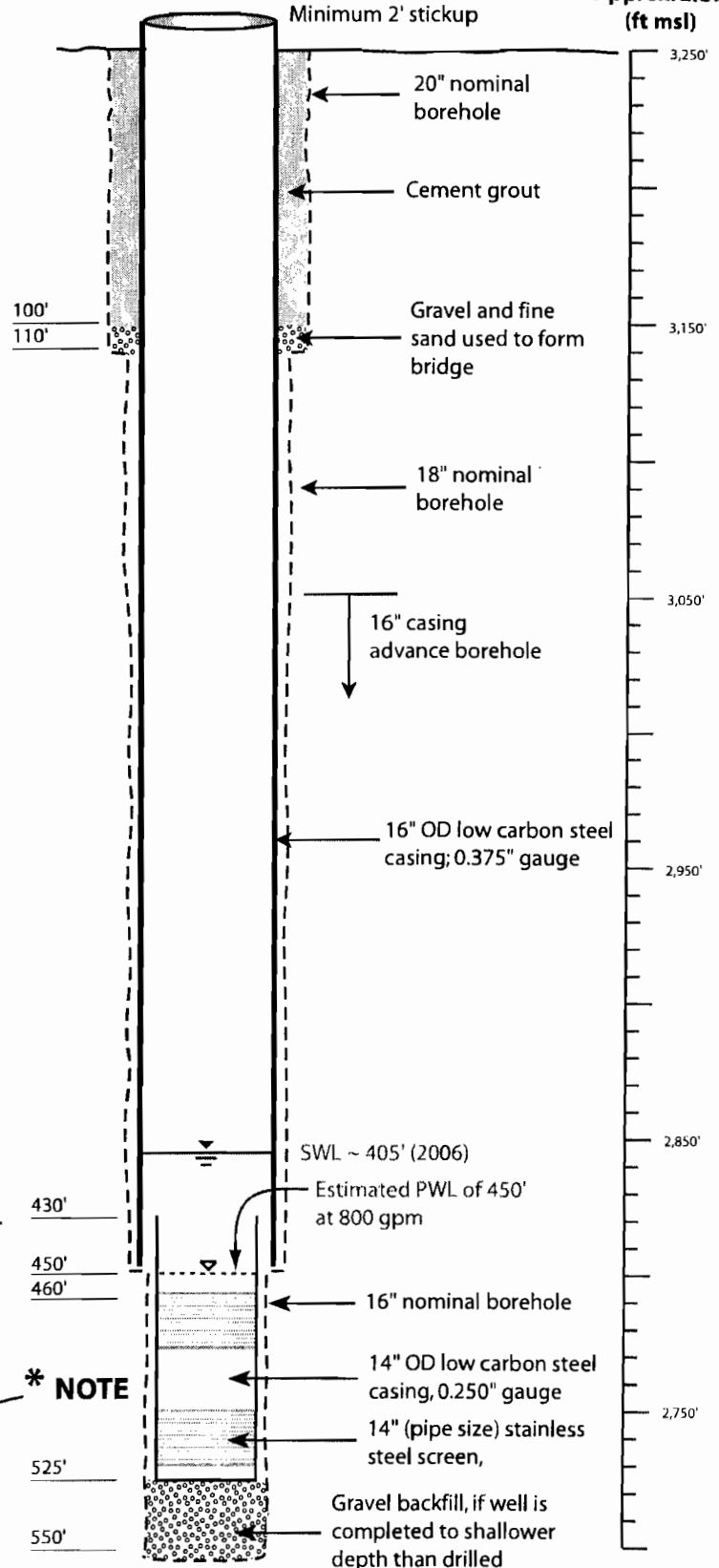
Basalt
Deshutes Formation (?)
Tdbm2 - Upper Meyers Butte
Tdbm1 - Lower Meyers Butte

Conglomerate and Sandstone
Deshutes Formation (?)
Tds - Sedimentary Rocks

Basalt
Deshutes Formation (?)
Tdbw - White Deer Ranch
and/or,
Prineville Basalt - Tcp

Airport Well #2

Approx. Elev.
(ft msl)



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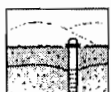
WATER RESOURCES DEPT
SALEM, OREGON

Water first

* Target Aquifer *

*** NOTE**

* For bidding purposes, assume the screen assembly will consist of 50 feet of blank pipe and 70 feet of screen (2 screen sections @ 20-foot and 3 screen sections @ 10-foot)



Groundwater Solutions Inc.

T 10378

Drawing 6

Airport Well #2 Schematic Well Design

City of Prineville