

The Dep. The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT

STATE OF WASHINGTON

Application No. _____

Permit No. 651-24296

(1) OWNER: Name G. Tom Powers Address 4308 W. Irving, Pasco, WA 99301
 (2) LOCATION OF WELL: County Benton NW 1/4 NW 1/4 Sec 5 T 5 N. R. 26E W.M.
 and distance from section or subdivision corner _____

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well (if more than one) # 1
 New well Method: Dug Bored
 Deepened pneumatic Driven
 Reconditioned hammer Rotary Jetted

(5) DIMENSIONS: Diameter of well casing see inches.
 Drilled 1002 ft. Depth of completed well 1002 ft.

(6) CONSTRUCTION DETAILS:
 Casing installed: 16" Diam. from 0 ft. to 18 ft.
 Threaded 12" Diam. from 0 ft. to 370" ft.
 Welded 9-3/8" Diam. from 508 ft. to 645 ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 perforations from _____ ft. to _____ ft.
 perforations from _____ ft. to _____ ft.
 perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name _____
 Type _____ Model No _____
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 19 ft.
 Material used in seal cement w/ CaCl
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off drill type as tremmie

(7) PUMP: Manufacturer's Name _____
 Type: _____ HP _____

(8) WATER LEVELS: Land-surface elevation above mean sea level 623 ft.
 Static level 271 ft. below top of well Date 9/28/76
 Artesian pressure n/a lbs. per square inch Date n/a
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level Maddox &
 Was a pump test made? Yes No If yes, by whom? ASSOC.
 Yield: 1,129 gal./min. with 57 ft. drawdown after 12 hrs.
 " 1448 " 41 " 6 "
 " 1247 " 33 " 4 "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
Almost instantaneous as impellers reversed and filled well column					

Date of test _____
 Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water 74°F Was a chemical analysis made? Yes No

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Silt (loess)	0	9
Basalt, weathered, red brown, vesicular w/ some amygdules filled w/quartz crystals, fractured	9	20
BASALT, black, aphanitic, dense	20	72
BASALT, dark gray, fractured and scoriaceous	72	88
SILTSTONE & CLAYSTONE, buff to tan, soft (minor water)	88	108
BASALT, dark gray, fractured, vesicular w/translucent, betryzical chalcedony filled amygdules, (water bearing)	108	121
BASALT, black, aphanitic, dense	121	279
SILTSTONE & CLAYSTONE, gray to yellow buff w/basaltic gravel (rubble) interbedded (water)	279	302
SILTSTONE & CLAYSTONE, greenish gray to green, soft (minor water)	302	347
SILTSTONE & GRAVEL, greenish gray soft siltstone w/vesicular and pyritic, amygdaloidal basalt gravels (water bearing)	347	360
BASALT, dark gray, fractured	360	383
BASALT, black to dark gray, dense	383	549
SILTSTONE & SANDSTONE, buff, friable fine grained	549	599
BASALT, dark gray, fractured (water)	599	610
BASALT, black, dense, small porphyritic feldspars	610	702
BASALT, black, fractured and vesicular w/pyrite and thin zone opalized sediment	702	716
BASALT, black, dense, aphanitic	716	834
BASALT, bluegray, vesicular, fractured	834	848
BASALT, black dense	848	949
Work started <u>8/17</u> 19 <u>76</u> . Completed <u>9/14</u> 19 <u>76</u>		

WELL DRILLER'S STATEMENT:

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

NAME Storm Drilling (Bernard P. Storm)
 (Person, firm, or corporation) (Type or print)

Address 14991 W. 44th, Golden, CO 80401

[Signed] Ronald Della
 (Well Driller)

License No. 0639 Date Nov. 28, 1976

Handwritten notes:
 Nov 7 1976

