

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



## WATER WELL REPORT

Original & 1<sup>st</sup> copy - Ecology, 2<sup>nd</sup> copy - owner, 3<sup>rd</sup> copy - driller

**CURRENT**

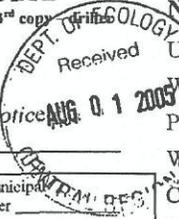
Notice of Intent No. W150759

Construction/Decommission ("x" in circle)

Construction

Decommission ORIGINAL INSTALLATION

of Intent Number 175285



Unique Ecology Well ID Tag No. AHP774

Water Right Permit No. CG4-31301C

Property Owner Name Desert Hills Vineyard (Andy Denhoed)

Well Street Address 61603 N. Wilgus Rd.

City Grandview County Benton

Location SW1/4-1/4 SW1/4 Sec 33 Twn 10N R 24 EWM of WWM  circle one

Lat/Long (s, t, r) Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_

Still REQUIRED) Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_

Tax Parcel No. \_\_\_\_\_

PROPOSED USE:  DeWater  Domestic  Industrial  Municipal  Irrigation  Test Well  Other

TYPE OF WORK: Owner's number of well (if more than one) \_\_\_\_\_

New well  Reconditioned  Deepened Method:  Dug  Bored  Driven  Cable  Rotary  Jetted

DIMENSIONS: Diameter of well 12" inches, drilled 515 ft. Depth of completed well 515 ft.

**CONSTRUCTION DETAILS**

Casing  Welded 24" Diam. from +1 ft to 19' ft  
Installed:  Liner installed 12" Diam. from +1 ft to 197' ft  
 Threaded Diam. from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Perforations:  Yes  No

Type of perforator used \_\_\_\_\_

SIZE of perfs \_\_\_\_\_ in by \_\_\_\_\_ in and no of perfs \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Screens:  Yes  No  K-Pac Location \_\_\_\_\_

Manufacturer's Name \_\_\_\_\_

Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Gravel/Filter packed:  Yes  No  Size of gravel/sand \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Materials placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Surface Seal:  Yes  No To what depth? 197' ft

Material used in seal cement

Did any strata contain unusable water?  Yes  No

Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_

Method of sealing strata off- \_\_\_\_\_

PUMP: Manufacturer's Name \_\_\_\_\_ Type: \_\_\_\_\_ H.P. \_\_\_\_\_

WATER LEVELS: Land-surface elevation above mean sea level \_\_\_\_\_ ft.

Static level 184' ft. below top of well Date \_\_\_\_\_

Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Artesian water is controlled by \_\_\_\_\_ (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level

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

Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

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

Date of test \_\_\_\_\_

Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Airtest 750 gal./min. with stem set at 500 ft. for 1 hrs.

Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_

Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

**CONSTRUCTION OR DECOMMISSION PROCEDURE**

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Soft brown silt	0	12
Med. hard brown & gray basalt	12	33
Reddish brown basalt soft	33	37
Med. hard gray & brown basalt	37	53
Hard gray basalt	53	75
Soft Brown Sandstone	75	154
Med. soft reddish brown & black basalt		
Trace of Tan Clay	154	160
Med. hard gray basalt	160	173
Hard gray basalt	173	258
Broken Brown & gray visicular basalt some tan claystone	258	262
Med. hard gray basalt	262	268
Broken brown & gray basalt some visicular Trace of tan claystone water 5 gpm	268	273
Hard gray basalt	273	285
Med. soft broken brown & gray basalt some brown clay Water 200gpm	285	305
Med. hard gray basalt some porus with green clay	305	330
Hard light gray basalt	330	366
Med soft dark gray porus basalt with some green claystone little reddish brown basalt	366	373
Med. hard dark gray basalt	373	390
Soft reddish brown basalt	390	395
Med. hard brown & gray basalt	395	423
Hard dark gray basalt	423	457
Med. soft porus dark gray basalt Trace of hard green clay water	457	462
Med. hard dark gray basalt	462	468
Reddish brown basalt med. soft	468	472
Porus basalt, trace of hard green clay	472	475

Start Date 6-24-05 Completed Date 7-6-05

**WELL CONSTRUCTION CERTIFICATION:** I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller  Engineer  Trainee Name (Print) Larry McLanahan

Drilling Company BJ Exploration Co., Inc.

Driller/Engineer/Trainee Signature [Signature]

Address 404 North Conway Street

Driller or trainee License No 0337

City, State, Zip Kennewick, WA 99336

If TRAINEE, Driller's Licensed No. \_\_\_\_\_  
Driller's Signature \_\_\_\_\_

Contractor's Registration No. BJENPCI132QK Date 7-29-05

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# Facsimile



Timothy D. Reiersen, P.E.

6604 Appleview Road  
Yakima, WA 98908

## TO:

Name: *Ron Dixon*  
Company:  
Fax Number:  
Voice Number:

Total Pages: *3*

## FROM:

Name: Timothy D. Reiersen

Voice Number: 509 965-7175  
Sender Fax Number: 509 965-6995

Subject: *Well log - Desert Hills Vineyard*  
Note: *SW1/4 SW1/4 Sec. 33, T10, R24E.*

*I take it back, they did hit sediments at the bottom.  
Still looks like SM. Tim*

FROM :

FAX NO. : 5097359517

Jul. 14 2005 04:03PM P2

Andy DenHoed

Em

Rs.

Pm + um

0-12 Soft Brown Silt

12-33 med hard brown & gray basalt

33-37 Reddish brown basalt soft

37-53 med hard gray & brown basalt

53-75 Hard gray basalt

75-154 Soft Brown Sandstone

154-160 med soft Reddish brown & black Basalt

Trace of Tan clay

160-173 med hard gray basalt

173-258 Hard gray basalt

258-262 Broken Brown & gray vesicular Basalt  
some tan claystone

262-268 Med hard gray basalt

268-273 Broken Brown & gray basalt some vesicular  
Trace of Tan claystone water 5 gpm

273-285 Hard gray basalt

285-305 med soft Broken Brown & gray basalt some  
brown clay water 200 gpm

305-330 med hard gray basalt some Porus with green clay

330-366 Hard Light gray basalt

366-373 med soft Dark gray Porus basalt with some  
green claystone little reddish brown basalt

FROM :

FAX NO. : 5097359517

Jul. 14 2005 04:04PM P3

373-390 med hard dark gray basalt

390-395 Soft Reddish brown basalt

395-423 med hard brown & gray basalt

423-457 Hard Dark gray basalt

457-462 med Sift Porus Dark gray basalt Traces of  
hard green clay water

462-468 med hard dark gray basalt

468-472 Reddish brown basalt med Sift

472-475 Porus basalt Traces of hard green clay

475-495 med hard gray basalt

495-512 med Sift gray & black Porus basalt

512-515 Green Sandstone & clay

18" to 24"

Static 184'

12" to 197'