

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy  
of this report are to be  
filed with the

WATER WELL REPORT

**RECEIVED**  
AUG 8 1973

STATE OF OREGON

STATE ENGINEER

State Well No. 5N/26E-32a

(Please type or print)

SALEM OREGON

State Permit No. MORR 1254

(Do not write above this line)

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

(1) OWNER:

Name Desert Magic Inc.  
Address P.O. Box 216 Boardman, Oregon 97818

(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

10.0" Diam. from 0.0 ft. to 150.0 ft. Gage 250.0001  
" Diam. from " ft. to " ft. Gage  
" Diam. from " ft. to " ft. Gage

(6) PERFORATIONS:

Perforated?  Yes  No.

Type of perforator used Mills Knife  
Size of perforations 7/8 in. by 3 in.  
576 perforations from 114.5 ft. to 131.0 ft.  
perforations from " ft. to " ft.  
perforations from " ft. to " ft.

(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

Was a pump test made?  Yes  No If yes, by whom? Legne  
2780 gal./min. with 17 ft. drawdown after 48 hrs.  
" " " " " "  
" " " " " "  
Bailer test 60 gal./min. with 0 ft. drawdown after 1 hrs.  
" flow NONE g.p.m.  
Temperature of water 55 Depth artesian flow encountered NONE ft.

(9) CONSTRUCTION:

Well seal—Material used Bent. Fonite  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 20 in.  
Diameter of well bore below seal 17 1/2 in. Drive shoe  
Number of sacks of cement used in well seal NONE sacks  
Number of sacks of bentonite used in well seal 2 1/2 sacks  
Brand name of bentonite Beroid  
Number of pounds of bentonite per 100 gallons  
of water Not metered well mixed lbs./100 gals.  
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 Morrow Driller's well number 56  
NW 1/4 NE 1/4 Section 32 T. 5N R. 26 E. W.M.

Bearing and distance from section or subdivision corner  
1000 South & 150 East of N.W. Corner  
of N.W. 1/4 of NE 1/4 of Sec. 32

(11) WATER LEVEL: Completed well.

Depth at which water was first found 81.0 ft.  
Static level 75.5 ft. below land surface. Date Aug 2, 1973  
Artesian pressure NONE lbs. per square inch. Date Aug 2, 1973

(12) WELL LOG:

Diameter of well below casing 15"

Depth drilled 151.0 ft. Depth of completed well 149.5 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>Sand, silt top soil</u>	<u>0.0</u>	<u>7.0</u>	
<u>Hard packed silt</u>	<u>7.0</u>	<u>19.5</u>	
<u>Fine to med. coarse lt.</u>	<u>19.5</u>	<u>63.0</u>	
<u>Brown sand, some silt.</u>			
<u>Med. grained to coarse</u>	<u>63.0</u>	<u>79.0</u>	
<u>lt. grey sand.</u>			
<u>lt. grey sand, with some lignum</u>	<u>79.0</u>	<u>84.0</u>	<u>81.0</u>
<u>med. grain. to coarse lt.</u>	<u>84.0</u>	<u>93.5</u>	<u>75.5</u>
<u>grey sand, approx. 15% gravel.</u>			
<u>Med. to coarse grey sand</u>	<u>93.5</u>	<u>101.5</u>	<u>75.5</u>
<u>with approx. 40% gravel.</u>			
<u>Med. to coarse grey sand.</u>	<u>101.5</u>	<u>103.0</u>	<u>75.5</u>
<u>Med. to coarse grey sand</u>	<u>103.0</u>	<u>130.0</u>	<u>75.5</u>
<u>with approx. 40% gravel.</u>			
<u>Fine med. to coarse</u>	<u>130.0</u>	<u>151.0</u>	<u>75.5</u>
<u>grey sand some gravel &amp; some clay seems.</u>			

Plugged bottom of hole with 3 sacks  
Cement to prevent pumping sand to 149.5

Work started June 27 1973 Completed Aug 2 1973  
Date well drilling machine moved off of well Aug 2 1973

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] John L. Brown Date Aug 6 1973  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 481

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 B. B. Drilling Co.  
(Person, firm or corporation) (Type or print)

Address P.O. Box 124 Hermiston, Ore. 97838

[Signed] John L. Brown  
(Water Well Contractor)

Contractor's License No. 576 Date Aug 6 1973