

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

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

MORROW
918

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

RECEIVED

OCT 29 1973

State Well No. *4N/26E-5*

STATE ENGINEER
SALEM, OREGON

ba

(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
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
6" Diam. from *0.0* ft. to *147.0* ft. Gage *2500psi*
" Diam. from " ft. to " ft. Gage "
" Diam. from " ft. to " ft. Gage "

PERFORATIONS:

Perforated? Yes No.

Type of perforator used *Mills Knife*
Size of perforations *3/8"* in. by *3"* in.
600 perforations from *129.0* ft. to *145.0* 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? *Rayne Pasco, Wash.*
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " " " "
" " " " " "
Bailer test *60* gal./min. with *0.0* ft. drawdown after *1* hrs.
Artesian flow *NONE* g.p.m.
Nature of water *SS* Depth artesian flow encountered *NONE* ft.

(9) CONSTRUCTION:

Well seal—Material used *Cement & Bentonite*
Well sealed from land surface to *21.0* 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 *4* sacks
Number of sacks of bentonite used in well seal *2* sacks
Brand name of bentonite _____
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 *4* 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 *59*
N.E. 1/4 NW 1/4 Section *5* T. *4N* R. *26E* W.M.
Bearing and distance from section or subdivision corner

*350' So. & 100' West of 1/4 corner
Common to Sec. 5 T4N R26E & Sec. 8 2*

(11) WATER LEVEL: Completed well.

Depth at which water was first found *106.0* ft.
Static level *101.0* ft. below land surface. Date *Oct. 25, 1973*
Artesian pressure *NONE* lbs. per square inch. Date *Oct. 25, 1973*

(12) WELL LOG:

Diameter of well below casing *15"*

Depth drilled *148.0* ft. Depth of completed well *148.0* 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
<i>Silty sand Top Soil</i>	<i>0.0</i>	<i>3.0</i>	
<i>Hard Packed Sandy silt</i>	<i>3.0</i>	<i>24.0</i>	
<i>Med. to coarse Grey sand with fine gravel</i>	<i>24.0</i>	<i>39.0</i>	
<i>Med. to coarse grey sand with clay seams</i>	<i>39.0</i>	<i>51.0</i>	
<i>Med. to Ex. coarse sand with 10% 1" gravel</i>	<i>51.0</i>	<i>82.0</i>	
<i>Med. to coarse grey sand</i>	<i>82.0</i>	<i>106.0</i>	<i>106.0</i>
<i>Approx. 40% Gravel & cobbles</i>	<i>106.0</i>	<i>123.0</i>	<i>101.0</i>
<i>Med. to coarse sand</i>	<i>123.0</i>	<i>127.0</i>	<i>101.0</i>
<i>Med. to coarse sand</i>	<i>127.0</i>	<i>146.0</i>	<i>101.0</i>
<i>Approx. 50% Gravel & cobbles</i>	<i>146.0</i>	<i>146.5</i>	<i>101.0</i>
<i>Hard partially fract. Basalt Bedrock</i>	<i>146.5</i>	<i>148.0</i>	<i>101.0</i>

Work started *Sept. 26* 19 *73* Completed *Oct. 25* 19 *73*
Date well drilling machine moved off of well *Oct. 25* 19 *73*

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 *Oct. 25*, 19 *73*
(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. *516* Date *Oct. 25*, 19 *73*