

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

WATER WELL REPORT

STATE OF OREGON SEP 5 1973 State Well No. 2N/26E-6

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

(Please type or print) STATE ENGINEER SALEM, OREGON  
State Permit No. 4281

*MORR 529*

(1) OWNER:

Name *Kenneth Batty*  
Address *Hepner, Ore*

(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:

6" Diam. from *912* ft. to *992* ft. *Concrete*  
" Diam. from ..... ft. to ..... ft. Gage  
" Diam. from ..... ft. to ..... ft. Gage

PERFORATIONS:

Perforated?  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.

(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? *Contractor*  
Yield: gal./min. with ft. drawdown after hrs.  
*Data on Pump Test enclosed.*  
Bailer 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 .....  
Well sealed from land surface to ..... ft.  
Diameter of well bore to bottom of seal ..... in.  
Diameter of well bore below seal ..... in.  
Number of sacks of cement used in well seal ..... sacks  
Number of sacks of bentonite used in well seal ..... sacks  
Brand name of bentonite .....  
Number of pounds of bentonite per 100 gallons of water ..... 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 *Marion* Driller's well number *1*  
S.W. 1/4 NE 1/4 Section *6* T.2N R. 26 EW W.M.  
Bearing and distance from section or subdivision corner  
*96.20 ft. S. and 2980 ft. E from N.W. corner Sec 6*  
*Twp. 2 N. Range 26 E.W. M*

(11) WATER LEVEL: Completed well.

Depth at which water was first found ..... ft.  
Static level *208* ft. below land surface. Date  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing *6"*  
Depth drilled *262* ft. Depth of completed well *1097* 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>Basalt Grey (Med)</i>	<i>935</i>	<i>960</i>	
<i>" Grey Boulder</i>	<i>960</i>	<i>930</i>	
<i>" Black (Soft)</i>	<i>930</i>	<i>935</i>	
<i>Soil cuttings</i>			
<i>Basalt Grey (Med)</i>	<i>935</i>	<i>940</i>	
<i>Blue Clay (Caving)</i>	<i>940</i>	<i>948</i>	
<i>Basalt Black (Med)</i>	<i>948</i>	<i>954</i>	
<i>Boulders (Hard)</i>	<i>954</i>	<i>972</i>	
<i>Basalt Black (Soft)</i>	<i>972</i>	<i>977</i>	
<i>Boulders Grey (Hard)</i>	<i>977</i>	<i>1020</i>	
<i>Basalt Grey (Med)</i>	<i>1020</i>	<i>1032</i>	
<i>Boulders Grey (Hard)</i>	<i>1032</i>	<i>1052</i>	
<i>Basalt Black (Soft)</i>	<i>1052</i>	<i>1057</i>	
<i>" Grey (Hard)</i>	<i>1057</i>	<i>1065</i>	
<i>Sand &amp; Boulder (Hard)</i>	<i>1065</i>	<i>1094</i>	
<i>Boulders Grey</i>	<i>1094</i>	<i>1097</i>	
			<i>Total Depth</i>

Work started *2-9* 19 *70* Completed *5-18* 19 *70*  
Date well drilling machine moved off of well *5-19* 19 *70*

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] *Kenneth Meier* Date *8-5* 19 *73*  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. *126*

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 .....  
(Person, firm or corporation) (Type or print)  
Address .....  
[Signed] .....  
(Water Well Contractor)  
Contractor's License No. .... Date ....., 19.....

(continued)

#6?

# Sand Ranch Project Well #20

Lawrence D., Corrine A., and Rosella Lindsay

## Well Log: -

	From	To	S.W.L.
	ft.	ft.	
Grey Basalt (Hard)	785	787	
Black Basalt and Clay	787	837	
Grey Basalt (Hard)	837	839	
Porous Black Basalt and Clay	839	860	
Clay	860	892	
Porous Black Basalt	892	912	171
Black Basalt, Caving	912	935	168
Black Basalt (Hard)	935	950	
Porous Black Basalt	950	989	159
Grey Basalt	989	1,005	
Black Basalt	1,005	1,043	
Porous Black Basalt	1,043	1,101	154
Black Basalt	1,101	1,104	154

Paul Wachtel

Diller License No. 657

Let 80' of 6" liner  
 at 992 - back to  
 712 to shut off Blue  
 Clay - casing shoe on top

Start 2-9-70  
 Finish 5-18-70

- 835 - 860 - Basalt (medium) Trip spears
- 860 - 930 - Basalt (hard) (hard) West On 91
- 930 - 935 - Basalt (soft) (soft) (cutting)
- 935 - 940 - " (hard)
- 940 - 948 Blue Clay - (casing) [the trouble]
- 948 - 954 Black Rock (medium)
- 954 - 972 Boulder (hard) \$22 12th horn
- 972 - 977 Basalt (black) (soft) ✓ 1097  
835  
262
- 977 - 1020 Boulder (hard) (grey) Cliff Allison
- 1020 - 1032 Basalt (grey) (medium) 38 L 36 L
- 1032 - 1052 Basalt (grey) (hard)
- 1052 - 1057 Basalt (black) (soft) ✓
- 1057 - 1065 Basalt (grey) (hard)
- 1065 - 1094 Black Sand + Boulder (hard)
- 1094 - 1097 - Grey Boulder
- Total Depth

Transmitted

**RECEIVED**  
 JUL 3 1973  
 STATE ENGINEER  
 SALEM OREGON

Betty Wall  
Ferdinand Rea  
Shaw Pitt Lexington

WELL LOG

LOCATION: Morrow County Oregon  
S/W Quarter N/E Quarter of Section 6, Township 2 N,  
Range 26 East

Bearing and distance from section or subdivision corner  
2620 ft. South and 2980 ft. East of the North West corner of  
section 6.

Water level of completed well--208 ft. dated May 19, 1970.

0-240 ft.	soft dirt--install 240' of 16" casing
240-450 ft.	drill 8 3/4" test hole
240-420 ft.	ream to 16" hole
450-686 ft.	drill 8 3/4" test hole
686-714 ft.	porous basalt
714-735 ft.	water bearing basalt
735-737 ft.	basalt, gray, hard
737-738 ft.	clay, green
738-750 ft.	basalt, gray, hard
750-751 ft.	clay, blue green
751-767 ft.	basalt, hard gray
767-768 ft.	clay blue
768-816 ft.	basalt, gray, hard
816-817 ft.	crevice--possible water
817-820 ft.	basalt, gray, hard
820-830 ft.	porous basalt
830-835 ft.	porous basalt
835-860 ft.	basalt, gray med.
860-930 ft.	basalt, gray, boulders
930-935 ft.	basalt, black soft

Lost cuttings--installed 6" liner w/casing shoe on top  
from 912'-992'.

935-940 ft. basalt, green, hard

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MAR 4 1974  
STATE ENGINEER  
SALEM, OREGON

Well log cont.

940-948 ft.	blue clay (caving in)
948-954 ft.	basalt, black med.
954-972 ft.	boulders, hard
972-977 ft.	basalt, black soft
977-1020 ft.	boulders gray hard
1020-1032 ft.	basalt gray med.
1032-1052 ft.	boulders gray hard
1052-1057 ft.	basalt, black soft
1057-1065 ft.	basalt, gray hard
1064-1094 ft.	sand and boulders hard
1094-1097 ft.	boulders gray
total depth.	

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MAR 4 1974  
STATE ENGINEER  
SALEM, OREGON

208

5-19-70

Water level _____	Dated _____	1971
Water level <u>118.0</u>	Dated <u>12-6</u>	1972
Water level <u>224.5</u>	Dated <u>12-7</u>	1973
Water level _____	Dated _____	1974
Water level _____	Dated _____	1975
Water level _____	Dated _____	1976
Water level _____	Dated _____	1977
Water level _____	Dated _____	1978
Water level _____	Dated _____	1979
Water level _____	Dated _____	1980