

WATER WELL REPORT
STATE OF OREGON

DESC
2177

Corrected copy of well log sent
RECEIVED 12-21-81
State Well No. 14512E-27cc
JAN 7 1982
State Permit No.
WATER RESOURCES DEPT.
SALEM, OREGON

(1) OWNER:

Name Dan Heierman
Address 538 West Highland Avenue
City Redmond, Oregon State 97756

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
Cased Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal ReInjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
12" Diam. from +1 1/2 ft. to 18 1/2 ft. Gauge .250
" Diam. from ft. to ft. Gauge

(6) LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) 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?
" gal./min. with ft. drawdown after hrs.
" " " " "
Air test 200 gal./min. with drill stem at 260 ft. 1 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.

Temperature of water 54* Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Cement
Well sealed from land surface to 18 1/2 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 16 sacks
How was cement grout placed? Pressure Grouted

Was pump installed? NO Type HP Depth ft.
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 Deschutes Driller's well number
SW 1/4 SW 1/4 Section 27 T. 14S R. 12E W.M.
Tax Lot # 1919 Lot Blk Subdivision
Address at well location: none assigned

(11) WATER LEVEL: Completed well.

Depth at which water was first found 242 ft.
Static level 36 ft. below land surface. Date 12-5-81
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 280 ft. Depth of completed well 270 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
Sandy Top Soil	0	4	
Red Cinders	4	13	
Lava	13	43	
Brown Conglomerate	43	62	
Lava	62	98	
Brown Conglomerate	98	170	
Mild Lava	170	224	
Brown Sandstone	224	240	
Lava	240	242	
Water-Bear. Brwn Conglomerate	242	260	
Fractured Lava, Water-Bear.	260	262	
Water-Bear. Conglomerate	262	280	

Work started 12-4 19 81 Completed 12-5 19 81
Date well drilling machine moved off of well 12-5 19 81

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] William D. Baker Date 12-21, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. 803

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 Orvail Buckner Well Drilling, Inc.
Address 1688 E. Negus Way, Redmond, Ore. 97756
(Type or print)

[Signed] Orvail Buckner
(Water Well Contractor)

Contractor's License No. 608 Date 12-21, 1981