

Lake Panorama well l#2 (W-34386)
Dakota Sandstone
185’ deep
200 gpm
12” casing @ 140’
SWL 100’
PWL ?
Capacity @ 200 gpm @ 130’ (3/1992)

1998 sanitary survey – 200’ deep

2/25/1991 Proposed well #2
185’ deep
12” casing @ 140’
SWL 100’
PWL ?
Pump capacity 200 gpm
Pump @ 130’ estimated

UHL 9/10/1991 Panora #2
Dakota Sandstone well orifice test pump new well #2
Depth = 191 pumped 6hrs at 314 gpm
{analysis in file}

1994 sanitary survey – 200’ deep

{Undated, hand written notes}
Well #2 primary
#2 used daily
Daily use 60% well #2, 40% well #1 (old well) {Jordan}

7/20/1990 Well construction application
#2 – 185’ deep; design yield 200 gpm
Proposed analysis available in file.
Steel 12.75” OD casing @ 140’
Submersible 200 gpm 4” pump capacity @ 195’

2/12/1991 well profile for wells 2 & 3
0’-3’ topsoil
3’-21’ brown clay
21’-53’ brown till
53’-97’ blue gray till
97’-105’ coarse sandstone
105’-114’ gray till
114’-154’ Dakota Sandstone
154’-157’ hard gray till
157’-175’ Dakota Sandstone
175’-190’ hard gray till

0’-130’ of 30” hole
130’-180’ of 23” hole

0’-110’ of 24’ casing
0’-140’ of 12” casing
110’-180’ of 12” screen

0’-20’ of cement grout
20’-100’ backfill
100’-110’ clay seal
0’-130’ of cement grout

SWL 100’

{Diagram in Wellhead file}

Well #2
Driller Layne-Western
Date 6/14/1991
Depth 190’
Cement grouted? Yes
Casing depth & diameter 12” to 140’; 24” to 127’
Casing material steel
Depth & slots f or screens 180’ 40’ of 0.50; 3’ of 0.80
Gravel packed? No 2 gravel
SWL 131’
PWL @ ? gpm