Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

WELL RECORD

Permit No, 88885

Site Identification
Property Owner Squaw Valley Homeowners Well Number
Address 3801 W.190 th street Ames IA
Tenant:
Well Depth 445 Date Completed 5/21/92

Location County STORY
0.3 Mi. N and 0.3 Mi. E of the intersection of County Rd and 190 th street
SE 1/4 of the SE 1/4 of the SE 1/4 of Sec 17 T84N R24W
Latitude Longitude

Landform Upland Elevation:

Formation Log

From	To	Color	Formation description
0	211	Gray	Dense Clay
211	242	Brown	Limestone & Dolomite
242	300	Tan	Hard Limestone
300	355	Gray	Granite
355	380	Brown	Fractured Limestone
380	410	Tan	Fractured Limestone & Sandstone
410	415	Gray	Sandstone
415	425	Brown	Sandstone
425	445	Gray	Sandstone & Shale

Remarks (Including depth of lost drilling fluids, materials or tools)

Pump test , Pump set at 168' 10 Hp 225 Gpm pump 3 phase pump
Static water at 39' Pumping at 130 gpm water draws down to 101'
Pumping at 120 gpm water draws down to 92'

Water use

Public Supply

Drill Method Rotary-mud

Hole Size

inch From 0 Ft To 445 ft | inch From ft to ft
inch From Ft To ft | inch From ft to ft

Record all depth measurements from ground level (GL) Use (+) for above GL measurements

Casing Drive Shoe No Pitless Adapter No

Size (ID/OD)	Type/Wt		Depth Top	Depth Bottom	Amt (Length)
7	Steel - black	23	-2	216	218
5	PVC plastic	17	215	445	230

Peforated or slotted Casing? Yes
Perforated from 352 Ft to 433 ft
from Ft to ft

Casing grouted? Yes Placement method Tremie Pipe

Type	Depth top	Depth bottom	Amount (vol/wt)
Neat cement	216	0	4 Yards

Well screen? No

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped with
Seals/Packers Depth ft.
Gravel Packed From ft. to ft.
Type Amount

Well Developed? Yes
Explain
Method Air for 4 Hrs at 100 GPM

Pump installed? Yes Date 7/20/92
Installer
Type of pump Submersible Depth to intake 168
Pump diameter: 4 Rated capcity 33 GPM

Water information Aquifer Limestone
Main water supply zone From 352 ft To 433 ft ☐ seepage well
Static water level 39 ft below GL Tape
Pumping water level 140 ft below GL Tape
At yield of 100 GPM Airline
Measurements taken at 7/22/92 10:15:00 AM

Water quality test? No Date tested
Tested by

Contractor REWERTS WELL CO. INC.
Address: 742 W 18th Street Nevada, IA 50201
Driller Certification no.