Minnesota Unique Well Number

518681

County Fillmore
Quad Stewartville
Quad ID 28C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 08/13/1993
Update Date 03/10/2014
Received Date

Well Name	Township	Range	Dir	Section	Subsection
OWENS, BRUCE	103	13	W	5	AADDCB

Elevation 1233 **Elev. Method** 7.5 minute topographic map (+/- 5 feet)

Address

Contact BOX 776 BYRON MN 55920
Well RR 3 BOX 96B SPRING VALLEY MN 55975

Stratigraphy Information

Geological Material	From	To (ft.)	Color	Hardness
CLAY	0	14	BROWN	SOFT
LIMESTONE	14	65	BROWN	HARD
LIMESTONE	65	83	GRAY	HARD
LIMESTONE	83	144	GRAY	HARD
LIMESTONE	144	216	GRAY	HARD
LIMESTONE	216	218	GRAY	HARD
SHALE	218	260	GRAY	SOFT
SHALE	260	275	GRAY	SOFT
LIMESTONE	275	280	GRY/GRN	HARD
LIMESTONE	280	286	GRY/GRN	HARD
SHALE	286	289	GRAY	SOFT
SHALE	289	295	GRAY	SOFT
SANDSTONE	295	387	LT. GRY	SOFT

Remarks

GAMMA LOGGED 3-9-1993.

Well Depth 387 ft. **Depth Completed** 387 ft. **Date Well Completed** 06/15/1993

Drill Method Air Rotary **Drill Fluid** Revert

Use domestic **Status** Active

Well Hydrofractured? Yes ☐ No ☐ **From** **To**

Casing Type Step down **Joint** Welded
Drive Shoe? Yes ☒ No ☐ **Above/Below** 0 ft.

Casing Diameter				Weight	Hole Diameter			
4	in. To	371	ft.	lbs./ft.	12	in. To	14	ft.
8	in. To	14	ft.	lbs./ft.	8	in. To	371	ft.
					4	in. To	387	ft.

Open Hole From 371 ft. To 387 ft.

Screen? ☐ **Type** **Make**

Static Water Level
260 ft. land surface Measure 03/02/1993

Pumping Level (below land surface)

Wellhead Completion
Pitless adapter manufacturer MONITOR Model 6PS45BS4-C
☐ Casing Protection ☐ 12 in. above grade
☐ At-grade (Environmental Wells and Borings ONLY)

Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified

Material	Amount		From	To
neat cement	8	Cubic yards	0 ft.	371 ft.

Nearest Known Source of Contamination
150 feet Southeas Direction Septic tank/drain field Type
Well disinfected upon completion? ☐ Yes ☐ No

Pump ☐ Not Installed Date Installed 05/14/1993
Manufacturer's name JACUZZI
Model Number 15BS41019- HP 1.5 Volt 230
Length of drop pipe 315 ft Capacity 10 g.p. Typ Submersible

Abandoned
Does property have any not in use and not sealed well(s)? ☐ Yes ☐ No

Variance
Was a variance granted from the MDH for this well? ☐ Yes ☐ No

Miscellaneous
First Bedrock Galena/Stewartville Fm Aquifer St.Peter
Last Strat St.Peter Sandstone Depth to Bedrock 14 ft
Located by Minnesota Geological Survey
Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)
System UTM - NAD83, Zone 15, Meters X 547489 Y 4845163
Unique Number Verification Information from Input Date 08/01/1994

Angled Drill Hole

Well Contractor
Carlson Well Drill 19649 DENN, D.
Licensee Business Lic. or Reg. No. Name of Driller