NEW WELL #2

WELL LOG - TELL WELL COMPANY Dayton IA Phone 800-398-7779

County: Guthrie Township: Cass N Sec: 4
T-80 R-30 Location: SW NW Elevation: *****

Owners Name Last: Yale First: City of
Address: City: Yale State: IA
Tenant: Town Well #1 ZipCode: 50277

Well Size: 8" Date of Const: 6/16-20 1984
Well Depth: 62' Water Level: +3' SWL Drawdown: 46'
Well production: 75 gpm @ 48' TEST PUMPED FOR 8 HOURS
Pump setting: Recommended setting is 50'.
Casing log: 37' of 8" Std Steel Well Casing - Black/weld end
Depth Casing Top: grade Casing Bottom: 37'
Liner: None
Depth Top of Liner: Bottom of Liner:
Well screen: 25' of 8" Johnson Filtration SS .025 Slot.
Depth Screen Top: 37' Screen Bottom: 62' Cap?: Yes
Other info A: Screen packed with 5000 lbs #2 Well Pack Sand.
B: Disinfected with 25 lbs chlorine tab/pow mix.
Grout: Neat Cement Grout from 33' to surface through a 1.25" tremmie line.

Comments C: Flowing well, Pitless was installed above grade.
D: Channel slopes toward the north here, other well
E: is finished in a gray sand at a greater depth.
F: MER did the engineering on the water system.
G: Drilled production hole 75' deep and backfilled.

ALL NEW PIPE - EXTRA 10' ADDED

CUTTING LOG NEW PUMP & 10' PIPE IN JULY 94

Depth	Formation	Description
0-3	Topsoil	Black
3-6	Gray to Brown Clay	Soft
6-15	Yellow clay/sand	Brown/soft
15-20	Blue gray clay	Sandy/soft
20-37	Blue gray clay	Hard/grainy
37-57	Gravel/sand	Yellow/coarse
57-65	Sandstone	Orange/minor clay
65-66	Shale	Black/soft
66-83	Shale	White/gray/soft
83-93	Sandstone	Green/gray-grainy
93-99	Shale/sandstone	Grn-gray/hard
99-100	Limestone	White/lt green
100***	Total Depth	

NEW MOTOR & PUMP IN OCT-1997