

**WELL RECORD**  
**54463**

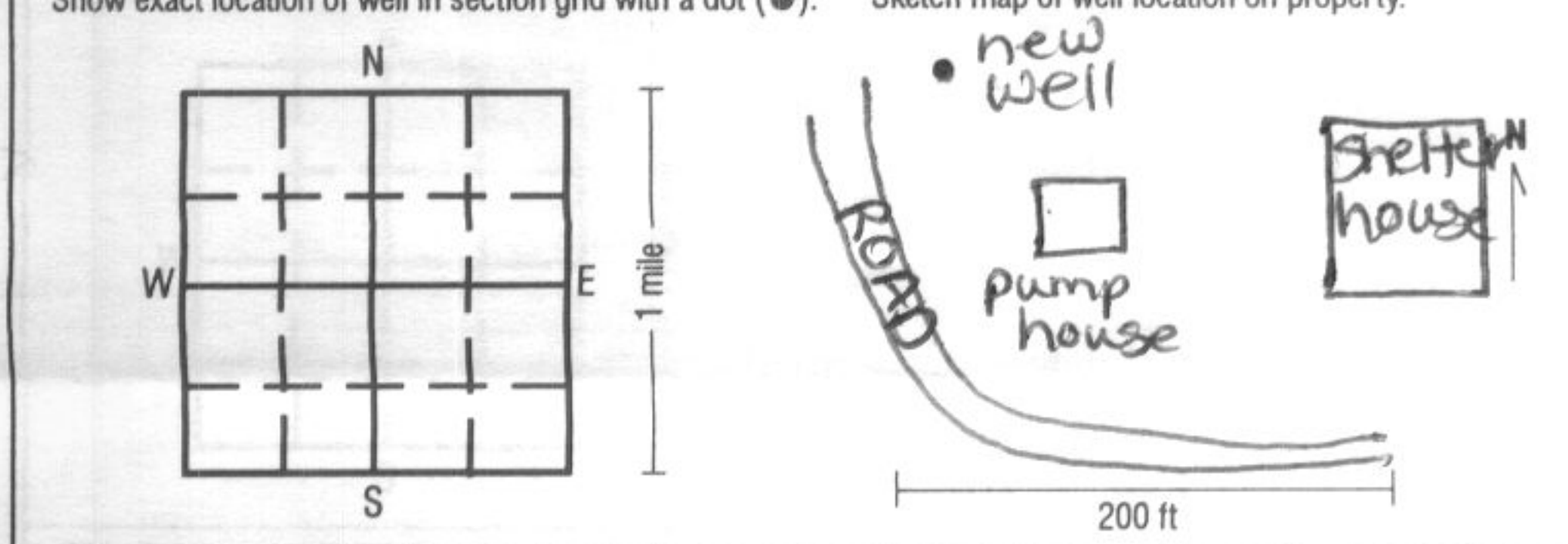
Permit No. 2001-389W

**Site identification**  
 Property Owner Kennedy Park Well Number 1  
 Address 1415 Nelson Ave Fort Dodge IA  
 Tenant \_\_\_\_\_  
 Well Depth 503 ft Date completed 7/23/01

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size**  
9 7/8 inch from 0 ft to 105 ft  
5 3/4 inch from 105 ft to 503 ft

**Location** County Webster  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the NW 1/4 of Sec 29 TWP 90 R. 28-29

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.  
**Casing** Drive shoe (yes/no) \_\_\_\_\_ Pitless adapter (yes/no) \_\_\_\_\_  
 Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)  
6" PVC 250 +1 105 106



**Perforated or slotted casing?** (yes/no)   
 Perforated / slotted from 103 ft to 503 ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

upland  hillside  valley Elevation (if known) \_\_\_\_\_

**Casing grouted?** (yes/no)  Placement method Pumped  
 Type Depth Top Depth bottom Amount (vol/wt)  
Benseal 0 105 9 bags

**Formation log**

From	To	Color	Hardness	Formation description
0	2	Black	S	Topsoil
2	13	yel	S	clay
13	38	Blue	S	clay
38	41	Colored	S	gravel
41	81	Blue	S	clay
81	89	white	S	clay
89	95	red	S	clay
95	103	white	MH	limestone
103	124	brn	H	limestone
124	127	blue	S	Shale
127	145	white	MH	dolomite
145	186	brn	MH	limestone
186	188	gray	S	Shale
188	200	white	MH	dolomite
200	208	blue	S	Shale
208	224	gray	MH	limestone
224	320	Tan Harder		limestone

use additional sheets as needed

**Well screen?** (yes/no)   
 Diameter Slot size Depth Top Depth Bottom Length Material  
 0.\_\_\_\_  
 0.\_\_\_\_  
 Bottom capped (yes/no)  with \_\_\_\_\_  
 Seals / Packers (yes/no)  kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no)  from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?** (yes/no)   
 Explain airlifted  
 (pumped,  airlifted, bailed) for 1 hrs at 40 GPM.

**Pump installed?** (yes/no)  Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Installer's name \_\_\_\_\_  
 Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft  
 Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information** Aquifer:  sand/gravel  limestone  sandstone  
 Main water-supply zone from 320 ft to 380 ft  seepage well  
 Static water level 84 ft (below/above) GL;  tape  airline  E-line  estimate  
 Pumping water level 240 ft below GL;  tape  airline  E-line  estimate  
 At yield of 45 GPM;  orifice  volumetric  estimate  
 Measurements taken at 4:30 (AM/PM)  Date 7/23/01

**Remarks** (including depth of lost drilling fluids, materials, or tools)  
Bottom 200' of 4 1/2" slotted

**Water quality test?** (yes/no)  Date tested \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Tested by \_\_\_\_\_

**Well use**  
 Domestic  Municipal  Commercial  
 Livestock  Public supply  Monitoring  
 Test well  Irrigation  Other \_\_\_\_\_ (explain)

Contractor Schumacher Well  
 Address 2201 Stage Dr  
 Driller Jeremy Walker Certification no. 40660