

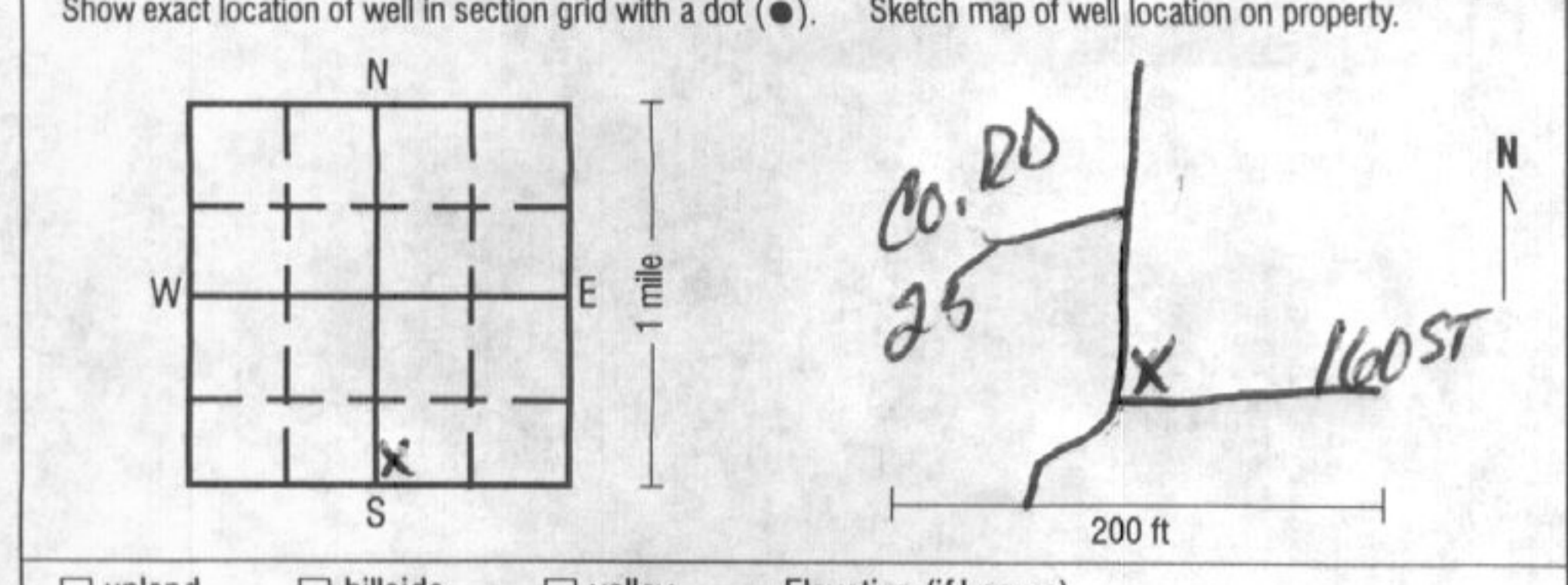
**Site identification**  
 Property Owner CITY OF LATIMER Well Number 03  
 Address 108 S. AHR ST LATIMER IA  
 Tenant SAME  
 Well Depth 160 ft Date completed 4/10/01

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size**  
12 1/4 inch from 0 ft to 113 ft  
8 inch from 113 ft to 160 ft

**Location** County FRANKLIN  
1 mi. <sup>N</sup> and 1 mi. <sup>E</sup> of intersection of S. H. 3 and CORD 25  
SW 1/4 of the SW 1/4 of the SE 1/4 of Sec 19 TWP 92 RNG 21

**Casing** Drive shoe (yes/no)  Pitless adapter (yes/no)   

Size (ID/OD)	Type / Wt.	Depth top	Depth bottom	Amount (length)
<u>8 1/2</u>	<u>HC STEEL</u>	<u>71</u>	<u>113</u>	<u>114</u>



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

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

**Casing grouted?** (yes/no)  Placement method TRENTIE  

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>BEANSEAL</u>	<u>0</u>	<u>113</u>	<u>445 GAL</u>

**Formation log**

From	To	Color	Hardness	Formation description
0	3	BLK	SOFT	DIRT
3	20	BRN	SOFT	SANDY CLAY
20	30	MULT	SOFT	SAND
30	66	GRY	SOFT	SANDY CLAY
66	71	BRN	SOFT	SANDY CLAY
71	76	BRN	SOFT	SANDY CLAY
76	85	GRY	SOFT	SANDY CLAY
85	87		SOFT	WOOD
87	93	GRY	SOFT	SANDY CLAY
93	110	GRY	SOFT	SANDY CLAY
110	113	MED BRN	MED	LIMESTONE
113	143	MED BRN	HARD	LIMESTONE - CHERT
143	146	GRY BRN	HARD	LIMESTONE
146	160	BRN	MED HARD	LIMESTONE (LARGE CREVICES)

**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 WITH DRILL SHR  
 (pumped/airlifted/bailed) for 5 hrs at 100+ 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 146 ft to 160 ft  seepage well  
 Static water level 38 ft (below/above) GL;  tape  airline  E-line  estimate  
 Pumping water level 80 ft below GL;  tape  airline  E-line  estimate  
 At yield of 350+ GPM;  orifice  volumetric  estimate  
 Measurements taken at \_\_\_\_\_ : \_\_\_\_\_ (AM/PM) Date \_\_\_\_/\_\_\_\_/\_\_\_\_

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

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

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

Contractor Mort's Well Co.  
1451B Gull Ave., P.O. Box 715  
 Address Latimer, IA 50452  
 Driller John C. Phone 515-579-6420 Certification no. 40521