

"INJECT SITE"

Site identification
 Property Owner SPARBOE FARMS Well Number 9926801 05
 Address 3159 BUCHANAN AVE AGE GROVE
 Tenant SAME IA
 Well Depth 445 ft Date completed 7 / 24 / 03

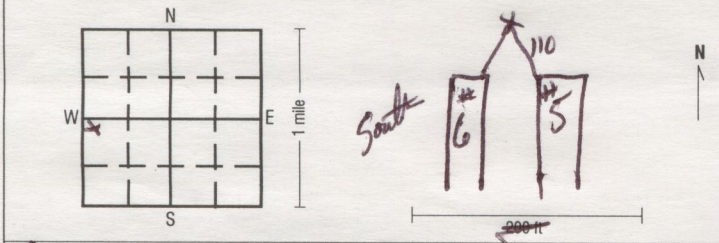
Drill method rotary auger cable other _____
Hole size
 hole size continued
 12 1/4 inch from 0 ft to 125 ft
 7 1/2 inch from 125 ft to 445 ft

Location County WRIGHT
1/2 mi. N and 1/2 mi. E of intersection of C56 and BUCHANAN
NW 1/4 of the NW 1/4 of the SW 1/4 of Sec 20 TWP 90 RNG 26 E

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

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

Size (D/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8"	SDR21	72	125	127
6"	SDR21	100	445	345



Perforated or slotted casing? (yes/no)
 Perforated / slotted from 305 ft to 445 ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no) Placement method TRENIE

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>BEN SEAL</u>	<u>0</u>	<u>125</u>	<u>23 BAGS</u>

upland hillside valley Elevation (if known) _____

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 _____

Formation log

From	To	Color	Hardness	Formation description
0	9	BRN	SOFT	SANDY CLAY
9	68	GRY	"	" some SAND
68	102	BRN GR	MED	CLAY + SHALE
102	104	LT BRN	HARD	LIMESTONE
104	115	GRY BLK	MED	SHALE + CONC
115	134	BRN	HARD	LIMESTONE
134	150	BRN GR	"	"
150	153	GRY	MED	CLAY
153	167	BRN GR	HARD	LIMESTONE
167	185	BRN	"	"
185	235	BRN GR	"	"
235	323	"	"	" some SS
323	398	"	"	"
398	414	LT BRN	"	"
414	445	BRN GR	"	"

use additional sheets as needed

Well developed? (yes/no)
 Explain _____
 (pumped, airlifted, bailed) for 2 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 330-370 ft to 415-450 ft seepage well
 Static water level 58 ft (below/above) GL; tape airline E-line estimate
 Pumping water level 1100 ft below GL; tape airline E-line estimate
 At yield of 100 GPM; orifice volumetric estimate
 Measurements taken at 3:00 (AM/PM) Date 7 / 24 / 03

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 JLC Phone 515-579-6420 Certification no. 40521