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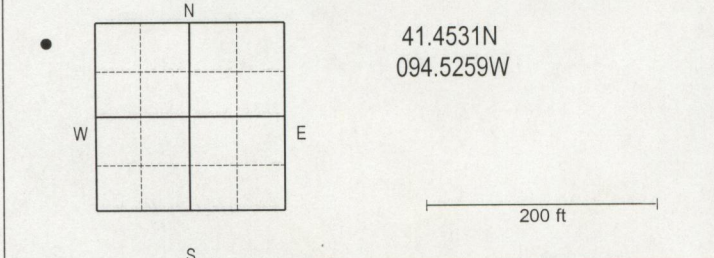
Site Identification

Property Owner CITY OF AUDUBON Well Number NORTH #1
 Address AUDUBON IA
 Tenant _____
 Well Depth 50 ft. Date completed 7/16/02

Location

County AUDUBON

_____ mi. NS and _____ mi. EW of intersection of _____ and _____
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ EW
 Show exact location of well in section grid with a dot (•). Sketch map of well location or property.



upland hillside valley Elevation (if known) 1351

Formation log

From	To	Color	Hardness	Formation description
0	3	B		TOPSOIL & DIRT
3	5	B		MOISTURE DIRT
5	10	B		DIRT
10	15	DB		CLAY
15	20	DB		CLAY
20	25	DB		CLAY
25	30	LB		CLAY & SAND MIXED
30	35	LB		SAND
35	40	LB		SAND
40	45			SAND
45	45			SAND/PEBBLES
46	48			SAND
48	50			CLAY

use additional sheets as needed

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

Well use

- Domestic Municipal Commercial
 Livestock Public supply Monitoring
 Test well Irrigation Other _____ (explain)

Drill method rotary auger cable other _____
Hole size
36 inch from _____ ft to 50 ft hole size continued _____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft

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

Casing Size (ID/OD)	Drive shoe <input type="checkbox"/> yes/ <input checked="" type="checkbox"/> no	Type / Wt	Pitless adapter <input checked="" type="checkbox"/> yes/ <input type="checkbox"/> no		Amount (length)
			Depth top	Depth bottom	
16" OD		304 SS	7'	41'	34'

Perforated or slotted casing? yes/ no
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? yes/ no Placement method TREAMIE

Type	Depth Top	Depth Bottom	Amount (vol/wt)
CEMENT	0'	10'	
BENTONITE	10'	30'	

Well screen? yes/ no

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
16"	0.050	41'	50'		SS
	0.000				

Bottom capped yes/ no with SS PLATE
 Seals / Packers yes/ no kind _____ depth _____ ft
 Gravel packed yes/ no from 30 ft to 50 ft
 type NO.1 amount _____

Well developed? yes/ no
 Explain SURGED MECHANICALLY
 (pumped, airlifted, balled) for 24 hrs at 103 GPM

Pump installed? yes/ no Date 8-20-02
 Installer's name CAHOY PUMP SERVICE
 Type of pump GOULDS SUBMERSIBLE Depth to intake 40' ft
 Pump diameter 6" Rated capacity 85 GPM

Water information Aquifer: sand / gravel limestone sandstone
 Main water-supply zone from 41 ft to 50 ft seepage well
 Static water level 31 ft (below/ above) GL, tape airline E-line estimate
 Pumping water level 38 ft below GL, tape airline E-line estimate
 At yield of 103 GPM; orifice volumetric estimate
 Measurements taken at _____ (AM/ PM) Date 7-30-02

Water quality test? yes/ no Date tested 8-1-02
 Tested by HYGENIC LAB

Contractor RO-BANKS INC
 Address 1595 G50 HWY
 Driller ROGER BANKS Certification no. 40105