

Site identification

Property Owner City of Bode Well Number 1
 Address Bode Iowa 50519
 Tenant _____
 Well Depth _____ ft Date completed 7/10/98

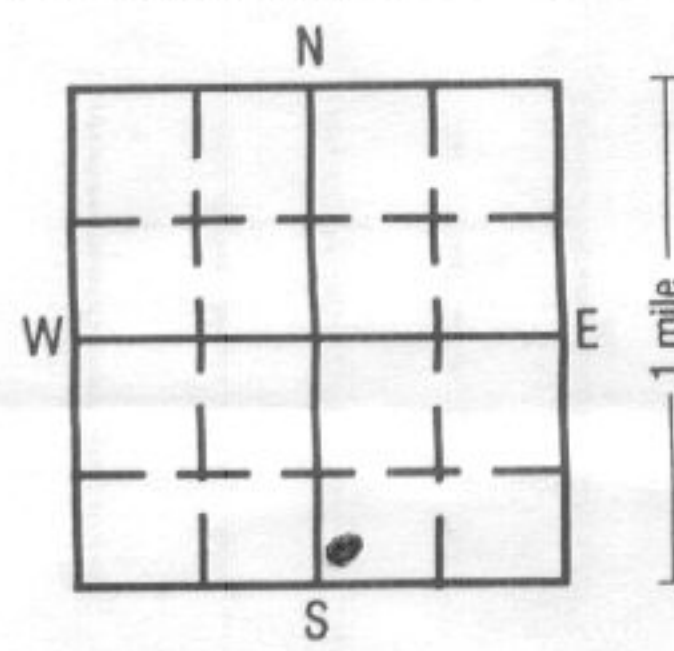
Drill method rotary auger cable other _____

Hole size
 1 5/4 inch from 0 ft to 92 ft hole size continued 7 7/8 inch from 145 ft to 414 ft
 9 7/8 inch from 92 ft to 145 ft _____ inch from _____ ft to _____ ft

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

Location County Humboldt
Lot 8 - Blk 3 Sangestads
 _____ mi. N and _____ mi. E of intersection of _____ and _____
 SW 1/4 of the SW 1/4 of the SW 1/4 of Sec 16 TWP 93 RNG 29 E W

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.



3rd + College St.

upland hillside valley Elevation (if known) Not known

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

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
10"	steel	+1	92	93
8"	steel	82	144	62

Perforated or slotted casing? (yes/no)

Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no) Placement method tramie

Type	Depth Top	Depth bottom	Amount (vol/wt)
neut cement	0	92	86 bags cement

Formation log

From	To	Color	Hardness	Formation description
0	3	blk	S	topsoil
3	23	yel	S	Clay
23	41	Blue	S	clay
41	43	Coloud	S	gravel + sand
43	65	lt yel	MH	rock
65	78	Tan	MH	dolomite
78	85	lt gray	H	dolomite
85	106	Tan	MH	limestone
106	108	lt gray	H	dolomite
108	132	lt gray	H	iron pyrate
132	136	red	S	limestone
136	142	Tan	MH	limestone
142	195	gray	MH	limestone
195	198	Blue	S	Shale
198	206	Tan	MH	limestone
206	230	Blue	S	Shale
230	260	Tan	MH	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 _____
 (pumped, airlifted, bailed) for 6 1/2 hrs at 200 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 376 ft to 414 ft seepage well
 Static water level 38 ft (below/above) GL; tape airline E-line estimate
 Pumping water level 120 ft below GL; tape airline E-line estimate
 At yield of 150 GPM; orifice volumetric estimate
 Measurements taken at 5:20 (AM/PM) Date 7/10/98

Water quality test? (yes/no) Date tested ____/____/____

Tested by _____

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

Well use

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

Contractor Schumacher Well Drilling
 Address 2201 Slagle Dr
 Driller Jim Schumacher Certification no. CD 40097

el.
1165
5' cont.
intermittent
Br
43?
K?