Site identification	Drill method
Property Owner City of Bacne Well Number 27	Hole size hole size continued
Address 1190 188 Road Boone, IA 50036	48 inch from 0 ft to 38 ft inch from ft to ft
Tenant	inch fromft toftinch fromft toft
Well Depth <u>36</u> ft Date Completed <u>2 / 12 / 99</u>	Record all depth measurements from ground level (GL). Use (+) for above GL measurements.
Location County Boone	Casing Drive shoe (yes Ino) Pitless adaptor (yes) no)
1/16 mi. 1 and 1/16 mi. 1 of intersection of £26 and Des Moines	Size (ID/OD)         Type / Wt         Depth top         Depth bottom         Amount (length)           20"         104.1 155/4t         0 - 25.5         25.5
SE 1/4 of the <u>NW 1/4 of the SE 1/4 of Sec   3 TWP 84 RNG 27 E</u>	20" 104.1 15 /4t 0 -25.5 25.5
Show exact location of well in section grid with a dot ( • ).	
N Sketch map of well location on property	
W   E = Des Maines River	Perforated or slotted casing? (yes no)
W E E	Perforated / slotted fromft toft
	Perforated / slotted fromft toft
E26	3.000
S 200 ft	Type Depth Top Depth Bottom Amount
□ upland □ hillside □ valley Elevation (if known)  Formation log	Nect Cement +5 -18 9yd3
From   To   Color   Hardness   Formation description	Well correct? (Carlos)
0 12 Clay	Well screen? (yes) no ) Diameter   Slot size   Depth Top   Depth Bottom   Length   Material
12 20 Med. Sand w/ Grave)	20 .070 -25.5 -36 10.5 S.S.
20 36 Coarse Sand w/ Gravel	
36 38 White Shale	Bottom capped (yes) no) with S.S. Plate
	Seals / Packers (yes /00) kindft
	Gravel packed (yes/no) from/8ft to36ft type #2 Northern amount 20 Ton
	Well developed? (yes) no)
	Explain Surge + Bail, Test Pumped
	- The same of the
	Pump installed? (yes (no) Estimated Date 4 1 5 1 99
	Installer's name Joe Docling
	Type of pump Submersible Depth to intake 26 ft
	Pump diameter 6 Rated capacity 350 GPM
	Water information Aquifer: ☑ sand/gravel ☐ limestone ☐ sandstone
	Main water-supply zone from 26 ft to 36 ft
	Final water level ( static water level ) ft ( below) above ) GL.
	Pumping water level 22_ft below GL; ☑ tape □ airline □ E-line
	At yield of 350 GPM; Gorifice volumetric estimate Date
use additional sheets as needed	Water quality test? (yes no) Date tested 2 / 19 / 99
Remarks (including depth of lost drilling fluids, materials, or tools)	Tested by Joe Docting Samples sent to Towa Hygenic
	Test results
Well use	Contractor Layne-Western
□ Domestic	Address 25450 Hwy 275
☐ Test Well ☐ Irrigation ☐ Other	Driller Tom Cossel) Certification no. 40538