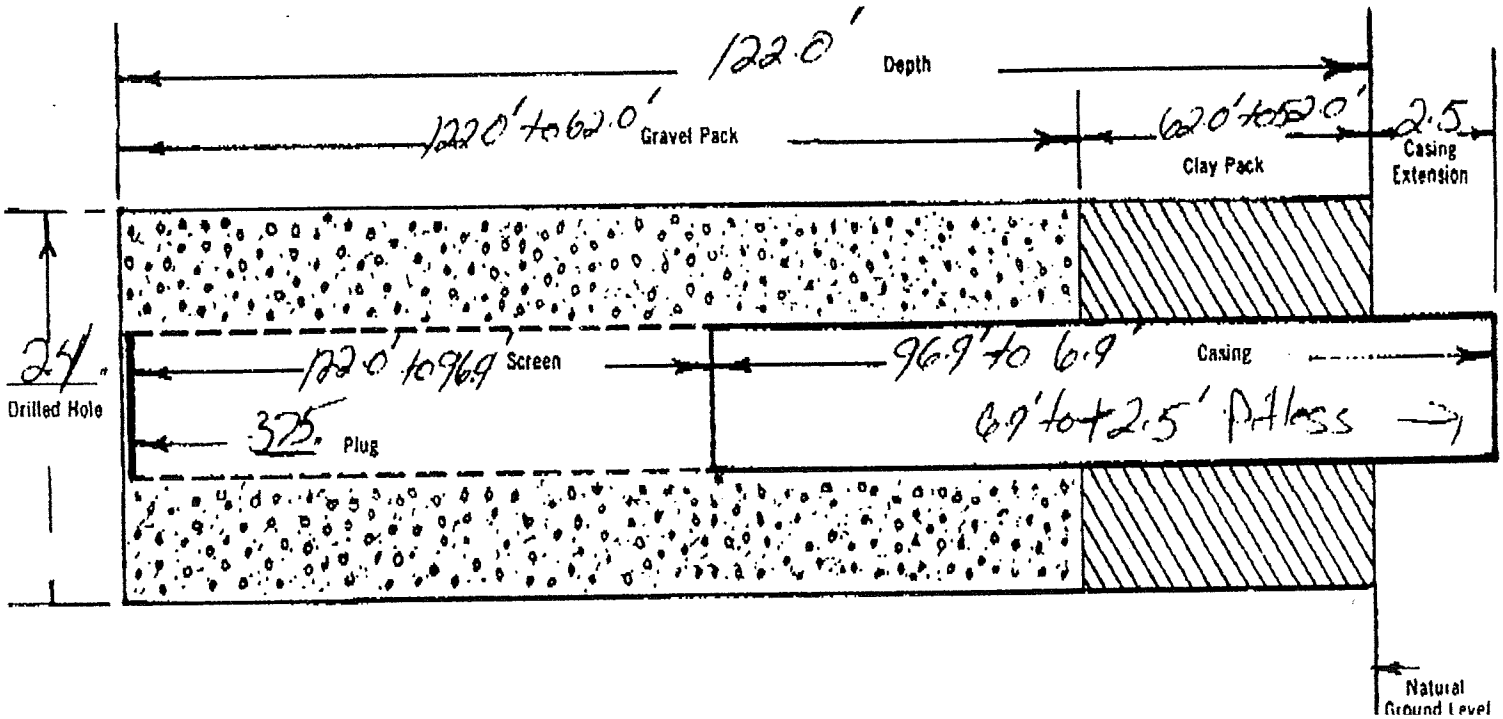
49959 **Western Company, Inc.** **Well Information** Page 2

Omaha, Nebraska

CACT 72-2927 City of Vinton, Iowa Well No.

l well from ground level:

Feet		Feet	Formation
	to		
0	to	3	Top soil
3	to	22	Brown Sand
22	to	31	Gray sand & gravel
31	to	57	Gray sandy clay - cobbles
57	to	124	Gray sand & gravel - cobbles
124	to		Limestone
	to		
	to		
	to		
	to		
	to		
	to		
	to		
	to		
	to		



IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY SECTION
CONSTRUCTION PERMIT APPLICATION

49959

Pump @ 600 gpm

SCHEDULE 5c, Well Profile

NOTICE
There is no fee for examination of this schedule

DATE PREPARED	PROJECT IDENTITY	DNR USE
8/16/94	Proposed Well #5	PROJECT NO.
DATE REVISED	Vinton, Iowa	PERMIT NO.

Well Number: 94-5

Geological Data			Casing Data	Well Data
System	Formation	Material and distance from surface in ft.	Position, kind and extent of casing liners, shoes, etc.	Scale: Horiz. ____ Vert. 20' — Position of seals, screens, static level
Pleistocene	Glacial Till	Br. Clay — 5		6" Discharge P.+I.&S. Adaptor
		Fine Br. Sand		15' ▼ S.W.L.
		Fine & Course Blue Sand & Gravel — 22	18" ϕ Surface Casing (if req'd)	2" Cement Grout
		— 30		12" ϕ Steel Casing
		Blue Clay		Spring loaded check valve 20' above pump
		Silty Blue Clay — 58		
		Fine Blue Sand — 64		
	Alluvial Aquifer	Fine & Course Sand & Gravel w/ Boulders — 73	6" ϕ, Drop Pipe	"K" Packer or approved equal
		Sandy Blue Clay — 86		
		— 89		
		Course - Medium Sand & Gravel, with Boulders	Pump & Motor 25-30 Hp 230 V, 3 ϕ	97
		— 105		25' of S.S. Screen
		Course Sand & Gravel, w/ Boulders — 123		122
		Hard Limestone		

49959
IOWA CONCRETE PRODUCTS CO. • WEST DES MOINES, IOWA 50266 • (515) 223-8761

well 5 drilled in 94

pulled

PROJECT _____ DATE _____

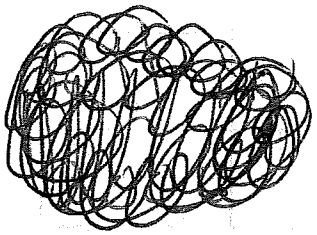
July 4 2004

pulled in 2009

pump setting

97 Ft
22 air static

~~97~~ 75



pump Running

~~22~~
~~18~~
4

IA DNR
well ID
1010916

pulled
12-23-09

well pumped
750 gpm

3-10-4
740