Well Information - Rock Wells

#28343 1983

apparently have samples - unable to locate them

Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE. AMES, IOWA 50010

Phone 515 232-3563

Name of Job City of Rockwell Date 9/29/83

City Rockwell State Iowa

Well No: ~~1-83~~ 3 Drillers: Dean Heldt

Well Location: _____ ft. (____) and _____ ft. (____) of the _____ corner of

the N.E. 1/4 of Section 10, Twp. 94 (N), Range 20 (W) Cerro Gordo County.

Otherwise located as East of New Tower (approximately 30')

Work Began: 8/17/83 Work Completed: 9/29/83

Casing Record:

Amount	Dia.	Wt. or Thickness	Material					
175	10"	Sch. 40	Steel	with	P.E.	joints from	173.7	to +1.7
				with		joints from		to
				with		joints from		to
				with		joints from		to

Hole Record:

24	inch from	0	to	20
18	inch from	20	to	175
9 7/8	inch from	175	to	480
	inch from		to	
	inch from		to	bottom of hole

Cementing Record: Pressure grouted through 2" pipe out of cement float shoe up annulus from bottom of casing to 10' from ground level

Well Test Data: Static Level 56'; pumping level 145' after 24 hours pumping at 373 g.p.m.

Length of test 24 hrs. See Well Test Data Sheet Dated 9/28/83 & 9/29/83

Remarks: _____

SEE OTHER SIDE

LW-34

WELL LOG

Feet		Feet	Description
0	to	1.5	Black TOPSOIL & CRUSHED ROCK
1.5	to	3.5	Brown CLAY
3.5	to	5	Soft brown weathered & broken LIMESTONE
5	to	10	Hard brown-white LIMESTONE
10	to	16	Very hard white-brown LIMESTONE
16	to	18	Very soft brown weathered LIMESTONE
18	to	20	Soft brown CLAY TILL
20	to	21	Soft blue-gray SANDY TILL
21	to	23	Soft brown ROCK
23	to	33	Brown & gray ROCK
33	to	85	Gray-white LIMESTONE/inner-bedded CLAY
85	to	123	Gray-green hard LIMESTONE
123	to	141	Brown-gray ROCK
141	to	150	Gray-green ROCK
150	to	164	Gray LIMESTONE
164	to	176	Light brown LIMESTONE
176	to	192	Brown LIMESTONE
192	to	206	Gray LIMESTONE
206	to	234	Brown to some white LIMESTONE
234	to	238	Gray-green LIMESTONE
238	to	259	Light brown LIMESTONE
259	to	262	Gray white LIMESTONE
262	to	360	Light brown to white LIMESTONE (green shaley streaks)
360	to	365	Gray brown LIMESTONE
365	to	382	Dark gray LIMESTONE
382	to	410	Light gray LIMESTONE
410	to	470	Brown LIMESTONE
470	to	480	Gray to white ROCK