



# Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job City of Clear Lake Date 11-21-81City Clear Lake State IowaWell No: 1 Drillers: G. McIntosh, W. LaFontaine, J. KilcoyneWell Location: \_\_\_\_\_ ft. (\_\_\_\_) and \_\_\_\_\_ ft. (\_\_\_\_) of the South Center of  
the NE 1/4 of Section 13, Twp. 96 ( N ), Range 22 ( W ) Clear Lake Township County.Otherwise located as City park, northwest of treatment plant, North Shore Drive  
& Main Street, S.E. of City SquareWork Began: 8-27-81 Work Completed: 11-21-81

## Casing Record:

Amount	Dia.	Wt. or Thickness	Material
<u>155'</u>	<u>24"</u>	<u>.375</u>	<u>steel with welded joints from 0 to 155'</u>
_____	_____	_____	_____ with _____ joints from _____ to _____
_____	_____	_____	_____ with _____ joints from _____ to _____
_____	_____	_____	_____ with _____ joints from _____ to _____

## Hole Record:

30" inch from surface to 155'

22" inch from 155' to 504'

\_\_\_\_\_ inch from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_ inch from \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_ inch from \_\_\_\_\_ to \_\_\_\_\_ bottom of hole

Cementing Record: Pressure grout annulus between 30" hole & 22" casing  
within 8' of surface (to facilitate pitless adapter)Well Test Data: Static Level 45'; pumping level 376' after 24 hours pumping at 1500<sup>+</sup> g.p.m.Length of test 24 hrs. See Well Test Data Sheet Dated 11-16-81

Remarks: \_\_\_\_\_

SEE OTHER SIDE



WELL NO. 1  
CITY OF CLEAR LAKE  
CLEAR LAKE, IA.

LW Co., Inc., Ames, Ia.

11-81

REVISED 7-85

GEOLOGICAL LOG

CONSTRUCTION DETAIL

BROWNISH-BLACK TOPSOIL	2'
DARK BROWN CLAY	12'
BROWN CLAY WITH GRAVEL AND BOULDERS	67'
BLUE GRAY CLAY	95'
BROKEN LIMESTONE AND CLAY	118'
BLUE GRAY CLAY AND SHALE	151'
WHITE LIMESTONE	158'
GRAY LIMESTONE	167'
LIMESTONE, SHALE	181'
MEDIUM TO HARD GRAY LIMESTONE ( CEDAR VALLEY )	494'
GRAY SHALE	504'

SURFACE

