

#16226

IOWA GEOLOGICAL SURVEY
In Cooperation with U.S. Geological Survey
RECORD OF WELL

Location:

Town: CARSON (NE) County POTTAWATTAMIE
(SW) (E)
SW Sec. 1, T. 74, N. 1, R. 40 (W) 1 Twp.

Well name and number _____

Owner CARSON TOWN WELL Address CARSON, IOWATenor 1 Address 4450 COMMERCIAL AVE.Contractor 1 Address OMAHA, NEBR.

Drillers _____

Drilling dates COMPLETED AUG. 20, 1963

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position VALLEYTotal depth: Reported _____ feet; Measured 32' feetDrilling method ROTARYHole and casing data 24' 8" OF 10" CSG.5' 10" SCREENOriginal depth to water _____ above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal 21-27

Others _____

PRODUCTION DATA

Date _____

Static water level _____

Pumping water level 20'

Yield (g.p.m.) 75 - WELL PACKED WITH 20 TONS OF GRAVEL

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

725-451

Well No. #16226 Sample range 0-32 No. of samples 4

No. of dupls. and cond. — Washed range —

Samples prepared by QUETT Date 3/13/64

Logged by NORTHUP Date 12/1/64

Correlations by _____ Date 12/1/64

GW

Pottawattamie Co.
Gen Data



Layne-Western Company

WATER WELL DRILLING
EXPLORATION BORINGS AND TEST SURVEYS
LAYNE TURBINE PUMPS

PHONE 451-2388

March 23, 1964

OFFICES
KANSAS CITY, MISSOURI
WICHITA, KANSAS
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4430 COMMERCIAL AVENUE

OMAHA
NEBRASKA
68110

IOWA GEOLOGICAL SURVEY

MAR 24 1964

W-16226

Iowa Geological Survey
Iowa City
Iowa

Attention: Mr. R. C. North

Gentlemen:

I am enclosing a copy of the well information sheet on Carson, Iowa to go along with soil sample picked up at our office a few days ago.

Yours truly,

LAYNE-WESTERN COMPANY

Carol Christensen
Carol Christensen

cc

Enc.

1. Contract City of Carson, Iowa Date August 20, 1963
 2. City and State Carson, Iowa Driller Bing Herber
 3. Well No. 3 North at test hole No. 63-1A Well location (attach map) 300' north of existing Layne well

4. Work completed 8-20-63 No of man hours as charged to job on time sheet _____

5. MATERIAL: LENGTH DIA. GAUGE OR WALL THICKNESS MATERIAL TYPE NO. OF OPENINGS

6. Screen 5' 10" 7-gauge Stainless Steel Layne Shutter 5

7. Inner Casing 24'-8" 10" Standard Steel Pipe T & C

8. Outer Casing _____

9. 20 tons of gravel used in the well. Size 10 of road gravel, 10 concrete mix

10. Test of well. Did you use test or permanent pump? test

Size of Bowl _____ Stages _____

11. Size of orifice 4" inch by 2 1/2" inch. Orifice tube reading _____ inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>4 hrs</u>	<u>75</u>	<u>11</u>	<u>9</u>	<u>20'</u>

13. Recovery in 5 minutes _____, in 30 minutes _____

14. Did you seal bottom of well? Yes Thickness 3/16" inches, material stainless steel

15. Well underreamed? From _____ feet to _____ feet, _____ feet to _____ feet.

16. If all screen was not placed at bottom, state how it was spaced.

From _____ feet to _____ feet; from _____ feet to _____ feet; from _____ feet to _____ feet.

17. Depth of well from ground level to top of plug 26-10 Size of drilled hole 50"

18. Was cement placed around or between any of the casings? _____

19. If so, state where, how much and method used. _____

Well No. 3 North

Formation

10

26'-6"

Boulders

