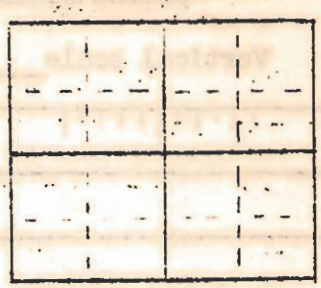
Logs in Folder

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W-3147

RECORD OF WELL



Location:

Town: Dawson (N E / S W): County Dallas

sec. ___ T ___ N., R. ___ E. W. ___ Twp.

See back page

Well name and number Test Holes 1-4

Owner _____ Address _____

Tenant _____ Address _____

Contractor Thorpe Well Co. Address _____

Drillers _____

Drilling dates _____

Well data:

Elevations: Drilling curb _____ feet; Land surface _____ feet

Determined by SEM

Topographic position valley slope

Total depth: Reported _____ feet, Measured _____ feet

Drilling method cable tool

Hole and casing date _____

35
40
60
60
195

Original depth to water _____ ft. above / below _____ Date _____

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal _____ ; Others _____

Production data: Date _____

Static depth to water _____ Measuring point _____
Pumping level _____ at See back page g.p.m.

_____ _____
_____ _____
_____ _____

Specific capacity _____ g.p.m. per ft. drawdown; Temperature _____ °F.

Pump data; Type pump _____ Column Dia. _____ Length _____
Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____
Power _____ Airline _____
Estimated rate of production: _____ g.p.m. for _____ hrs. a day
Use of water _____

WATER AIALYSES (in parts per million)

Date samples				
Sampled by				
Total solids				
Insoluble matter				
Alkalinity (Meo)				
Alkalinity (Phn)				
pH				
Fe_2O_3- Mn_2O_3-Al_2O_3				
Alkali as sodium				
Calcium				
Magnesium				
Iron (unfiltered)				
Manganese				
Nitrate				
Fluoride				
Chlordie				
Sulfate				
Bicarbonate				
Hardness (ppm)				
Hardness (gpg)				

Remarks _____

Laboratory data: Sample storage location _____

Sample range _____ No. spls. _____ No. dupls. & cond. _____
Spls. prepared by _____ Washed range _____ by _____
Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
Microscopic study 195 strip log 6-4-48
Gen. log _____ Correl. by K. Wahrer

WATER LEVEL DATA

Measuring point _____

Date	Depth to water	Altitude	Remarks

REMARKS

Test No 1 45'

SW NW NW 10-81-29

Elev 955 SWL - 19' yield 2 gpm

Test No 2

SE/c NE NE 9-81-29

Elev 956 SWL 18'

Test No 3

NE/c SE NE NE 9-81-29

Elev 945 SWL (in top sand 8'; in lower sand 30')

Test No 4

NE/c SW NW NW 10-81-29

Elev 942 SWL 8' P.W.L. 11' yield 30 gpm

Log in Folder

W-3147

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

RECORD OF WELL



Location:

Town: Dawson (N E / S W): County Dallas

NE/c SW NW NW sec. 10 T 81 N., R. 29 E. W. Twp.

Well name and number Dawson Town well (1947)

Owner _____ Address _____

Tenant _____ Address _____

Contractor Thorpe Well Co. Address _____

Drillers _____

Drilling dates completed Oct 10, 1947

Well data:

Elevations: Drilling curb _____ feet; Land surface 942 feet

Determined by USGS

Topographic position valley slope

Total depth: Reported 22 feet, Measured _____ feet

Drilling method cable tool gravel packed started 36" hole

Hole and casing date 15'7" of 8-inch pipe from +2 to 13'2"
7 ft of 9-inch everdur screen set at 22 ft and attached with 1'5" of 8" pipe

Original depth to water 8 ft. ~~above~~ below _____ Date _____

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal _____; Others _____

Production data: Date oct 1947

Static depth to water 8 Measuring point

Pumping level 12 1/4 at 110 g.p.m. 4 hrs. pump test

Specific capacity g.p.m. per ft. drawdown; Temperature °F.

Pump data; Type pump Column Dia. Length

Cylinder or bowls: Dia. Length Suction pipe

Power Airline

Estimated rate of production: g.p.m. for hrs. a day

Use of water

WATER AIALYSES (in parts per million)

Date samples				
Sampled by				
Total solids				
Insoluble matter				
Alkalinity (Meo)				
Alkalinity (Phn)				
pH				
Fe_2O_3- Mn_2O_3-Al_2O_3				
Alkali as sodium				
Calcium				
Magnesium				
Iron (unfiltered)				
Manganese				
Nitrate				
Fluoride				
Chlordie				
Sulfate				
Bicarbonate				
Hardness (ppm)				
Hardness (gpg)				

Remarks

Laboratory data: Sample storage location

Sample range No. spls. No. dupls. & cond.

Spls. prepared by Washed range by

Driller's log and cond.

Insoluble residues: Prepared by Studied by Strip log

Microscopic study 0-22 strip log 6-4-48

Gen. log Correl. by R. Wehmer